

Software Vulnerability Research



Legal Information

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Software Vulnerability Research Help Library

Flexera's Software Vulnerability Research is a one-stop solution for vulnerability management. The solution is available via a web-portal, giving you access to all the modules that you are entitled to use according to your subscription.

Торіс	Content
Introduction	Provides an overview of Software Vulnerability Research:
	About Software Vulnerability Research
	Software Vulnerability Editions
	Optional Modules
	Software Vulnerability Research Life Cycle
	System Architecture Overview
	Getting Started with Software Vulnerability Research
Software Vulnerability Research Quick Start Guide	This quick start guide walks you through setting up the key features of Software Vulnerability Research.
Dashboard	The Dashboard is the default home page that provides you with an overview of vulnerability management processes and gives you access to your latest vulnerability intelligence and advisories. The information is presented with the help of various widgets.
Notifications	Notifications provide detailed information about alerts you have received and any required actions. The number in the yellow bubble signifies the number of unread notifications.

Table 1-1 • Software Vulnerability Research Help Library (cont.)

Торіс	Content
Vulnerability Manager	Vulnerability Manager pages are used to manage the Vulnerability Intelligence associated with your account.
	Note • The Vulnerability Manager module is not available for Software Vulnerability Research - Assessment Only.
Research	Vulnerability Tracker (VulnTrack) represents our full Vulnerability Database, which has been updated and maintained since the inception of Secunia in 2002.
	<i>Edition</i> • The Research module is not available for Software Vulnerability Research - Assessment Only.
Policy Manager	The Policy Manager pages are used to configure internal Compliance Policy Rules to associate with your account and view the details of breaches to your policies.
	<i>Edition</i> • The Policy Manager module is not available for Software Vulnerability Research - Assessment Only.
Analytics	The Analytics pages are used to filter data contained in the widgets and to create and save dynamic reports on Advisories.
Ticket Manager	The Ticket Manager page lists all issued tickets. Use this page to:
	View and Change Tickets Status and Priority
	Create Tickets in Ticket Manager
	Delete Tickets in Ticket Manager
	Default Ticket Statuses in Ticket Manager
Settings	The Settings pages allow the main Administrator account holder to create and manage other accounts.
	This section also tracks details of all activities taken by users related to your account, such as Logins and changes to Tickets, Watch Lists, Email Logs, SMS Logs and Service Calls.
User Profile	The User Profile page is used to view and edit your account information, including your password, personal details, preferences, and security settings.
About Secunia Advisories	Describes CVSS (Common Vulnerability Scoring System), CVE References, Where (Attack Vector), Criticality (Severity Rating), and Impact (Consequence).

Topic Content **Appendix A - Threat** Threat Intelligence Module augments Software Vulnerability Research's vulnerability Intelligence intelligence with a Threat Score that provides the ultimate prioritization tool for your busy desktop operations teams. This module requires purchase by the user. Appendix B -This Appendix explains the following: **Assessment &** The Assessment Scenarios page provides descriptions of the available assessment Patching scenarios. The Assessment Reports page displays a tree view of the Device Groups within your environment. The security status of each Device Group is assessed based on Average System Score, Device Details and Product Details. The Patch Library and Grouped Patch Library pages list the patches available for your environment. Users can create a patch template for deploying patches and can track the patches deployed. ~ Edition • The Assessment & Patching module is not available for Software Vulnerability Research.

Table 1-1 • Software Vulnerability Research Help Library (cont.)

It provides step-by-step process to investigate vulnerabilities and associated threat models through advanced filtering and select capabilities.

Product Support Resources

The following resources are available to assist you with using this product:

- Flexera Product Documentation
- Flexera Community
- Flexera Learning Center
- Flexera Support

Flexera Product Documentation

You can find documentation for all Flexera products on the Flexera Product Documentation site:

https://docs.flexera.com

Flexera Community

On the Flexera Community site, you can quickly find answers to your questions by searching content from other customers, product experts, and thought leaders. You can also post questions on discussion forums for experts to answer. For each of Flexera's product solutions, you can access forums, blog posts, and knowledge base articles.

https://community.flexera.com

Flexera Learning Center

Flexera offers a variety of training courses—both instructor-led and online—to help you understand how to quickly get the most out of your Flexera products. The Flexera Learning Center offers free, self-guided, online training classes. You can also choose to participate in structured classroom training delivered as public classes. You can find a complete list of both online content and public instructor-led training in the Learning Center.

https://learn.flexera.com

Flexera Support

For customers who have purchased a maintenance contract for their product(s), you can submit a support case or check the status of an existing case by making selections on the **Get Support** menu of the Flexera Community.

https://community.flexera.com

Product Feedback

You can submit feedback about Software Vulnerability Manager in the Flexera Customer Community Forum. You can also submit feedback through the Software Vulnerability Manager user interface by clicking the feedback icon in the upperright-hand corner of each module.



Contact Us

Flexera is headquartered in Itasca, Illinois, and has offices worldwide. To contact us or to learn more about our products, visit our website at:

http://www.flexera.com

You can also follow us on social media:

- Twitter
- Facebook
- LinkedIn
- YouTube
- Instagram

Introduction

Flexera's Software Vulnerability Research combines Vulnerability Intelligence, Assessment, and Patch Creation with Patch Deployment Tool Integration to enable targeted, reliable, and cost-efficient Patch Management.

- About Software Vulnerability Research
- Software Vulnerability Editions
- Optional Modules
- Software Vulnerability Research Life Cycle
- System Architecture Overview
- Getting Started with Software Vulnerability Research

About Software Vulnerability Research

Vulnerability Intelligence and Patch Management are critical components of any security infrastructure because it enables proactive detection and remediation of vulnerabilities before they are actively exploited and your security compromised. With Software Vulnerability Research, IT Operations and Security Teams are empowered to take control of the Vulnerability Threat from both Microsoft and non-Microsoft (third-party) product vulnerabilities.

The Software Vulnerability Research Assessment module scanning technology takes a different approach than other vulnerability scanning solutions by conducting non-intrusive scans to accurately identify all installed products and plugins on the system.

Software Vulnerability Research integrates seamlessly with Microsoft® WSUS and System Center Configuration Manager.

The solution is available via a web-portal, giving you access to all the modules that you are entitled to use according to your subscription.

The sequence of the module descriptions in this document corresponds with the order in which they are presented in the graphical user interface of the solution.

Note • The available modules, menus and options will vary depending on the permissions granted to you by your Administrator.

Software Vulnerability Editions

Flexera offers the following editions for Software Vulnerability:

- Software Vulnerability Research (Includes all Modules)
- Software Vulnerability Research

The table below describes the differences between the Software Vulnerability editions.

Any module not available for a specific edition will be noted with an Edition Note. See the example below.

Edition • This module is not available for Software Vulnerability Research.

Table 2-1 • User Interface differences between Software Vulnerability Editions

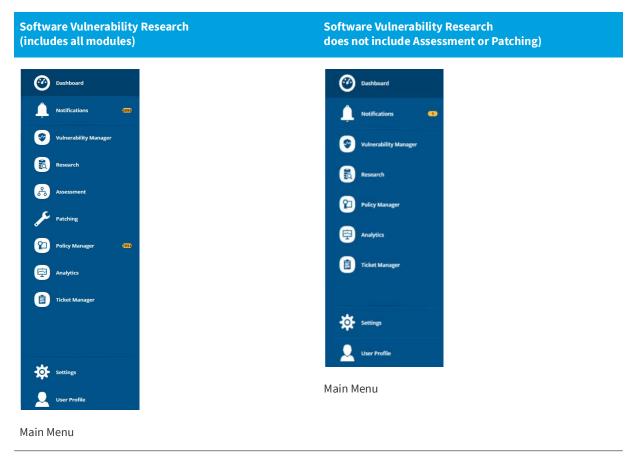


Table 2-1 • User Interface differences between Software Vulnerability Editions

Software Vulnerability Research (includes all modules)	Software Vulnerability Research does not include Assessment or Patching)
Settings > Workflow Management > Rules Account * User Management * Vulnerability Management * Workflow Management * Assessment * API * Logs *	Settings > Workflow Management > Rules Account + User Management + Vulnerability Management + Workflow Management + Logs +
Settings Menu	Settings Menu

Optional Modules

Flexera offers the following optional modules:

• Software Vulnerability Research - Threat Intelligence Module

Threat Intelligence Module

When added to our Software Vulnerability Research solution, the Threat Intelligence Module helps operations to focus on the patches most critical to the security of the software deployed in your environment. When added to our Software Vulnerability Research (SVR) solution, the Threat Intelligence Module provides security professionals even more insight by exposing threat scores not only for security advisories, but for the specific CVEs associated with those advisories as well as what evidence was triggered to arrive at the provided threat score.

 \bigcirc

Tip • For more details about the Threat Intelligence Modules, see the following data sheet:

https://www.flexera.com/media/pdfs/datasheet-svm-threat-intelligence-module.pdf

Software Vulnerability Research Life Cycle

Software vulnerability management is a critical component of any security infrastructure because it enables proactive detection and remediation of security vulnerabilities.

A process to identify vulnerable products, including products not authorized in an organization's environment, paired with effective patch management is an absolute must to reduce the window of exposure and eliminate the root cause of a potential compromise.

Software Vulnerability Research automates all steps of the software vulnerability management life cycle, allowing you to strengthen the security of your networks.

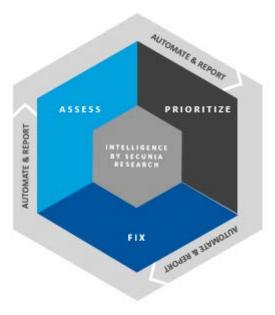


Figure 2-1: Software Vulnerability Research Lifecycle

System Architecture Overview

The following screenshot provides an overview of the Software Vulnerability Research system architecture.

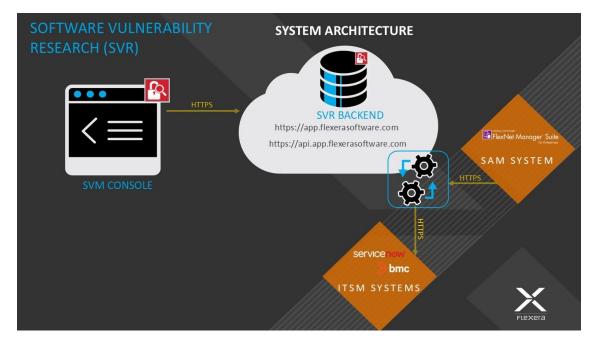


Figure 2-2: System Architecture Overview

Getting Started with Software Vulnerability Research

See Software Vulnerability Research Quick Start Guide to help you set up the key features of Software Vulnerability Research.

Chapter 2 Introduction Getting Started with Software Vulnerability Research

Software Vulnerability Research Quick Start Guide

This Quick Start guide walks you through setting up the key features of Software Vulnerability Research:

- Account Activation
- Opening a Support Case
- System Requirements for Software Vulnerability Research
- Workflow Management Rules

Account Activation

This section takes you through the steps to securely create your Software Vulnerability Research account:

- Accept the Flexera Sales Token and Create Your Account
- Configure Two-Factor Authentication (2FA)
- Configuring Single Sign-On (SSO)

Accept the Flexera Sales Token and Create Your Account

To create your account, perform the following steps.



Your activation email from Flexera includes the particular token number. Click the token link to begin the initial setup process for the main Administrator account. The following window will appear:

Want to test (fill in the form	us out? Please n below
First Name	
Last Name	
Email Address	
Job Title	
Company	
Number of Employe	ees 🔹
Country	
Request T	rial Account
Ca	ancel

- 2. After completing the relevant details that are mandatory for the creation of your account, click **Request Trial Account**.
- **3.** Go to your email's inbox and find the verification link sent by Flexera. Click the verification link, and a new window will open for you to create your account's user name and password.

Set up your account information	
Choose admin username	
Choose a password	
Confirm password	
I hereby accept the Flexera <u>Terms & Conditions</u> and <u>Privacy Policy</u>	
Create Trial Account	
Cancel	

0

Important • Before you enter any passwords, consider the default password rules required by Flexera:

- 8-200 characters
- At least one lowercase letter
- At least one uppercase letter
- At least one digit



Important • You should also consider the following recommendations for creating account passwords:

- No common passwords
- No personal details
- No old passwords
- Passwords created by a password generator
- 4. After entering your username and password, click Create Trial Account. You will then be taken to the Software Vulnerability Research Login page where you login with the previously configured credentials. When logging in to your account for the first time, you will be asked to Configure Two-Factor Authentication (2FA) to secure the account. You must configure 2FA before you are allowed to login, as two-factor authentication is mandatory.

Logging In to Software Vulnerability Research

If you already have a Software Vulnerability Research account and want to login, perform the following steps.



To login to Software Vulnerability Research:

- 1. Open the Software Vulnerability Research Login page and enter your username and password.
- 2. If you have forgotten you password, click **Forgot your password?** Enter your email address and click **Send mail** to receive instructions to reset your password.

Configure Two-Factor Authentication (2FA)

To secure your account in the event that the account password has been compromised, two-factor authentication (2FA) is mandatory.

Software Vulnerability Research allows the following 2FA configuration options:

- Token-Based Two-Factor Authentication
- SMS-Based Two-Factor Authentication

	a two-factor cation methoc	l
🔿 Token		
o sms		
	Next	

Figure 3-1: Choosing a Two-Factor Authentication Method

Token-based two-factor authentication is the default and recommended option.

In case your phone is lost or compromised, two-factor authentication can be reset. The reset method varies by account type. For details, see Two-Factor Authentication Recovery.

Token-Based Two-Factor Authentication

To use token-based two-factor authentication, you first need to install an application specific to your device. Flexera's Software Vulnerability Research uses the standard Time-Based On-Time Password Algorithm (TOTP) for token-based two-factor support, which is supported by applications like Google Authenticator or Duo by Cisco.

Android devices—Download the Google Authenticator application from the Google Play Store:

https://play.google.com/store/apps/details?id=com.google.android.apps.authenticator2

iOS devices—Download the Google Authenticator, available under iTunes in the App Store:

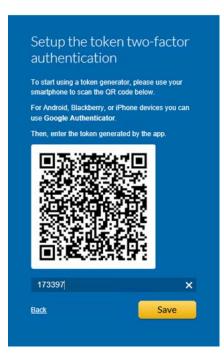
https://itunes.apple.com/us/app/google-authenticator/id388497605?mt=8

Logging Into Your Account Using Two-Factor Authentication

To login to your account using two-factor authentication, perform the following steps.

To log in to your account the first time with token-based two-factor authentication:

- 1. After entering your username and password, you will be presented with a QR code and a field for the verification code.
- 2. Open the Google Authenticator application and select the Scan a Barcode option.
- 3. When the application loads the device camera, scan the QR barcode displayed on your computer screen.
- The mobile application will generate a unique code. Enter this code in the Verification Code field at the Software Vulnerability Research Login page.



¢

Task

5. Click Save to proceed with logging in to your new account.

SMS-Based Two-Factor Authentication

SMS-based two-factor authentication is a less secure and a less reliable method that is available and can be used as a fallback in case your phone does not have an authenticator application.

- Logging in the First Time
- Logging in Subsequent Times

Logging in the First Time Image: Comparison of the provided o

1. At the Software Vulnerability Research two-factor authentication window, select SMS and click Next.

	a two-factor cation method	
🔵 Token		
o sms		
	Next	

- 2. Enter your phone number in international format, starting with a +.
- 3. Click Send an SMS.
- Once the SMS arrives, enter the code it contains on the Software Vulnerability Research Login page and click Verify Token.

Logging in Subsequent Times

📄 Task

To log in to your account with SMS-based two-factor authentication for all future logins:

- 1. After you are asked for the authentication Token, click Send SMS.
- 2. Once the SMS arrives, enter the code on the Software Vulnerability Research Login page and click Log in.

Two-Factor Authentication Recovery

In case your phone is lost or compromised, two-factor authentication can be reset. The reset method varies by account type.

- Recovering Two-Factor Authentication for Main Administrator Accounts
- Recovering Two-Factor Authentication for User Accounts

Recovering Two-Factor Authentication for Main Administrator Accounts

Two-factor authentication for the main Administrator account can be reset by our Support department after verifying the identity of the account holder.

Recovering Two-Factor Authentication for User Accounts

For User accounts, two-factor authentication can be reset by the main Administrator directly from Software Vulnerability Research. In the Settings module, go to **User Management > Users**. Expand the appropriate user row and click **Reset two factor login**. It is recommended to verify first the identity of the user requesting the reset.

Account +	User Mana	agement 🕶	Vulnerability Ma	anagement 👻	Workflow Management +	Ass	essment ·	• API •	Logs 🗸		
rowsing 1-20 of	28 users i							Q, Search by u	semame or email address	+	Ŧ
Username 🗧	First Name	Last Name	Job Title	Email Addres	35	Active	Blocked	Groups			

Configuring Single Sign-On (SSO)

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I-	-	-	1	
1-	-	-	ч.	

Note • The following information is unique to the single sign-on vendor Okta (SAML 2.0). Single sign-on procedures from other vendors may vary.

Prerequisites

To get started, you need the following:

- An Okta account
- Administrator privileges

To set up Okta (SAML 2.0) to use as a single sign-on (SSO) with Software Vulnerability Research, perform the following steps.

Task

To set up Okta (SAML 2.0) to use as a single sign-on (SSO) with Software Vulnerability Research:

- 1. Sign in to Okta.
- 2. Navigate to the Admin section, choose Applications, and select Applications to configure the SVR app.
- 3. Click Create App Integration to create a new Okta SSO app.

ية okta		Q. Search for people, a	apps and group)S		⑦ 器	
Dashboard	~						
Directory	~	Applications					Help
Customizations	~	Developer Editi	on provid	les a lim	ited number of apps.		
Applications	^		3		Contact us to find a plan that is right for your or	ganization.	
Applications		Create App Integration	Browse Ap	p Catalog	Assign Users to App More *		
Self Service							
API Service Integrat	tions	Q Search					
Your OIN Integration	ns	STATUS		0	Okta Admin Console		
Security	~	ACTIVE	4	0			
Workflow	~	INACTIVE	8	0	Okta Browser Plugin		
Reports	×				Okta Dashboard		
Settings	×			Ø	SVR Stage		0 *
					SVR-PROD		o .
				Ø			

The Create a new app integration wizard opens.

4. Choose SAML 2.0 for the Sign on method. Then click Next.

Create a new app integration		:	×
Sign-in method Learn More 🖸	0	OIDC - OpenID Connect Token-based OAuth 2.0 authentication for Single Sign-On (SSO) through API endpoints. Recommended if you intend to build a custom app integration with the Okta Sign-In Widget.	
	0	SAML 2.0 XML-based open standard for SSO. Use if the Identity Provider for your application only supports SAML.	
	0	SWA - Secure Web Authentication Okta-specific SSO method. Use if your application doesn't support OIDC of SAML.	or
	0	API Services Interact with Okta APIs using the scoped OAuth 2.0 access tokens for machine-to-machine authentication.	
		Cancel Next	

5. Enter an **App name** (Example: SVR). In the **App Logo** field, click the upload icon, navigate to the location of the logo file, and select the logo (Example: Software Vulnerability Research logo).

Click Next button.

蹝 okta		Q. Search for people, apps and groups		
Dashboard	~	Integrate SAML Integrat	ion	
Directory	~	+Create SAIVIL Integrat		
Customizations	~	1 General Settings	2 Configure SAML	3 Feedback
Applications	~			
Security	~	1 General Settings		
Workflow	~	App name	SVR (Software Vulnerability Research)	
Reports	~	App logo (optional)		
Settings	~			
		App visibility	 Do not display application icon to users 	
			 Do not display application icon in the Okta Mobile 	app
		Cancel	[Next

- 6. Copy the following from the Software Vulnerability Research Settings > User Management > Single Sign On fields and paste in the SAML Settings > fields:
 - Single Sign On URL (Same with Recipient URL and Destination URL) to Single sign on URL and Audience URL (SP Entity ID)
 - Account Key to accountKey Value (in Attribute Statements (Optional))

Note • The accountkey value is typically provided by your Software Vulnerability Research (SVR) system. You will need to log into your SVR to retrieve it.

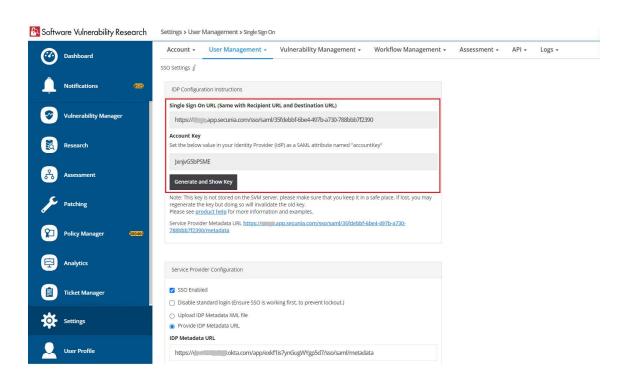
Complete the remaining Okta SAML Settings > Attribute Statements (Optional) name and value fields using the field's drop-down list:

Name	Name format	Values
accountkey	Basic	accountkey
		Note • The value obtained from SVR.
firstName	Unspecified	user.firstName
lastName	Unspecified	user.lastName
email	Unspecified	user.email
username	Unspecified	user.login

When configuring attribute statements, you might also need to specify the Name Format. Here are the common formats:

- Basic—This is a simple name format used for custom attributes. It doesn't follow any specific URI format.
- **Unspecified**—This format doesn't enforce any particular structure.
- **URI Reference**—This uses a URI to define the attribute name, typically in the form of a URL.

For most custom attributes like accountkey, you can use Basic or Unspecified unless the application specifically requires a URI format.



General					
General					
Single sign-on URL	0	https://			
		Supervised the set of			
Audience URI (SP Er	ntity ID) 📵	https://diago.app.secunia.com/sso/saml/35fdebbf-6be-			
Default RelayState	0				
		If no value is set, a blank RelayState is sent			
Name ID format 🛛 😰		Unspecified •			
Application username 🚳		Okta username 🔹			
Update application u	isername on	Create and update •			
		Show Advanced Setting			
Attribute Statemer	nts (optional)	LEARN MOR			
Name	Name format (optional)	Value			
accountKey	Basic	▼ JxnjvG5bPSME ▼			

7. In the Create SAML Integration - Step 3 Feedback screen, click Finish.

業 okta		Q. Search for people, apps and groups	Q. Search for people, apps and groups			
Dashboard	~					
Directory	~	Create SAML Integration				
Customizations	~	General Settings	2 Configure SAML	3 Feedback		
Applications	*					
Security	~	3 Help Okta Support understand how you configu	ured this application			
Workflow	~	The optional questions below assist Okta		Why are you asking me this? This form provides Okta Support with		
Reports	~	The optional questions below assist Okta integration.	a Support in understanding your app	useful background information about your app. Thank you for your help—we		
Settings	~	App type 🜒 🛛 😒 This	is an internal app that we have created	appreciate it.		
		Previous	Fin	ish		

8. At the Okta Sign On Settings screen, click on **Copy** link to copy the metadata URL.

eneral	Sign On	Mobile	Import	Assignments
Setting	js			Edit
Sign or	n methods			
applicat	tion. Some sig	gn-on metho	ds require ac	igns into and manages their credentials for an dditional configuration in the 3 rd party application. er profile mapping. Configure profile mapping
SA	ML 2.0			
	Default Relay	y State		
	Metadata d	letails		
	Metadata UF	RL	https://c	Nokta.com/app/exkff3f0xplqo0dSY5d7/sso/ adata

9. Copy the Identity Provider metadata URL from Okta into the Software Vulnerability Research Settings > User Management > Single Sign On > IDP Configuration Instructions section. In the Service Provider Configuration section, check SSO Enabled, check Automatically create new users, and assign a Default group for new users by selecting from the drop down.

Note • For a secure connection, the Assertions Signed (or similarly named) setting should be enabled on your IDF	2

General	Sign On	Mobile	Import	Assignments	
Settin	gs			Edit	
Sign o	n methods				
	-			igns into and manages their credentials for an Iditional configuration in the 3 rd party application.	
Applic	ation username	e is determine	ed by the us	er profile mapping. Configure profile mapping	
● S	AML 2.0				
	Default Relay	State			
	Metadata d	etails			
	Metadata UR	IL	https:// saml/met	tokta.com/app/exkff3f0xplqo0dSY5d7/sso/	
			🖹 Cop	у	
	More deta	ails			

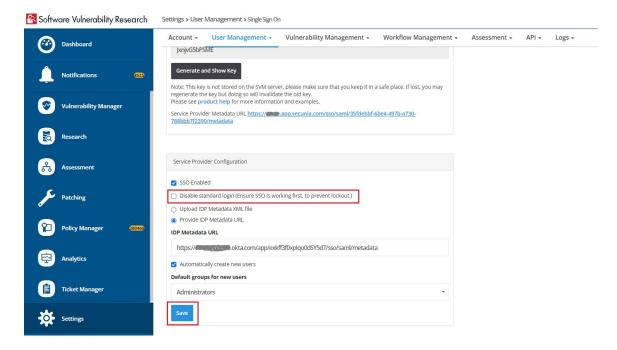
```
Software Vulnerability Research Settings > User Management > Single Sign On
```

0	Dashboard	Account • User Management • Vulnerability Management • Workflow Management • Assessment • API • Logs • المتابع/vG5bPSME
<u> </u>	Notifications 8523	Generate and Show Key Note: This key is not stored on the SVM server, please make sure that you keep it in a safe place. If lost, you may
0	Vulnerability Manager	regenerate the key but doing so will invalidate the old key. Please see product help for more information and examples. Service Provider Metadata URL https://www.app.secunia.com/sso/saml/35/debbf-6be4-497b-a730- 788bbb7f2390/metadata
	Research	
ぷ	Assessment	Service Provider Configuration
je	Patching	SSO Enabled Disable standard login (Ensure SSO is working first, to prevent lockout.) Upload IDP Metadata XML file
2	Policy Manager 300460	Provide IDP Metadata URL IDP Metadata URL
8	Analytics	https:///www.acom/app/exkff3f0xplqo0dSY5d7/sso/saml/metadata
	Ticket Manager	Default groups for new users Administrators
\$	Settings	Save

 If you want to disable standard login options for all of your users (except root), select the Disable standard login (Ensure SSO is working first, to prevent lockout.) option under Settings > User Management > SSO Settings > Service Provider Configuration.

Click Save to on the Settings > User Management page.

Important • Before selecting this option, make sure that SSO is working correctly, to prevent user lockout.



- **11.** Add Software Vulnerability Research users to the Okta SSO account.
- 12. Assign Software Vulnerability Research users to the Okta SSO app. A reset password link is sent to each user.

🎥 okta		Q. Search for people, apps and g	roups		
Dashboard	~	← Back to Applications			
Directory	~	Softwa	reVulnResearch		
Customizations	~	C Active	View Logs Monitor Imports		
Applications	^	General Sign On Mobile	Import Assignments		
Applications					
Self Service		Assign 🔻 Convert assign	ments • Q Search	People *	REPORTS
API Service Integrat	ions	Fi Assign to People	Туре		Current Assignments
Your OIN Integration	IS	Pt Assign to Groups			Recent Unassignments
		Groups	01101110		

13. Users open the reset password link, reset their password, and click open the Okta SSO application.

okta	Q Search your apps	Admin
A My Apps	My Apps	Sort 🔻
Work Add section ④ Notifications ① Add apps	© Work	
	Add section Add section	

14. Users are then logged into the Software Vulnerability Research Login page.

0

Important • For security purposes, Software Vulnerability Research has a session timeout that will log you off after 2 hours of inactivity.

Opening a Support Case

If you have any questions or concerns regarding your Software Vulnerability Research account, please open a support case via Flexera's Customer Community. For more information, see:

https://community.flexera.com/t5/Using-the-Case-Portal/tkb-p/case-portal-help

System Requirements for Software Vulnerability Research

The Software Vulnerability Research User Interface will resize and adapt when being used on different devices. You can access the system from anywhere using any device, such as a smartphone or tablet.

To use the Software Vulnerability Research console, your system should meet the following requirements:

Requirement	Description					
Monitor resolution	The minimum resolution required is 1280 x 1024.					
Browser	The following browsers are supported:					
	Microsoft Edge					
	Apple Safari					
	Google Chrome					
	Microsoft Edge					
	Mozilla Firefox					
	• Opera					
Internet connection	Internet connection capable of connecting to https://app.flexerasoftware.com/ is required.					

Table 3-1 • System Requirements

Table 3-1 • System Requirements

Requirement	Description
Allow Listed sites	The following addresses should be Allow-listed in the Firewall/Proxy configuration:
	New CRL distribution URLs:
	 https://*.app.flexerasoftware.com
	 http://*.amazontrust.com
	Software Vulnerability Research uses Amazon Certificate Authority for TLS security certificates. Amazon can change their certificate revocation list - crl - occasionally.
	Amazon root certificates are trusted by default by most common browsers, including Google Chrome, Microsoft Internet Explorer and Microsoft Edge, Mozilla Firefox, and Apple Safari.
	For the latest certificate revocation lists and firewall rules, refer to Amazon ACM documentation.
	• If you require explicit URLs then allow below URLs:
	 http://crt.r2m02.amazontrust.com/r2m02.cer
	 http://crl.r2m02.amazontrust.com/r2m02.crl
	 http://ocsp.r2m02.amazontrust.com
First-party cookie settings	First-party cookie settings should be set to at least Prompt (in Internet Explorer).
Session cookie settings	The option to allow session cookies should be selected.
PDF reader	A PDF reader is required.

Important • The listed required URLs are absolutely mandatory as they relate to Certificate Validation of the non-repudiated SSL certificates, which guarantee that communication between your network and the Cloud is not intercepted, redirected, or modified in any way by a third-party.



Important • The Software Vulnerability Research IPs are subject to change without notice, and you should not lock access to Software Vulnerability Research based on the current IP, but should rely on the SSL and certificate validation instead.

Workflow Management Rules

In Software Vulnerability Research under **Settings > Workflow Management > Rules**, you can create rules that partially or fully automate workflow.

Rules can only be created by an Administrator and must contain at a minimum one trigger and one action. For a list of triggers and actions, see Rule Channels, Triggers, and Actions. If needed, you can configure many different options into one rule.

This section includes the following Workflow Management Rule topics:

- Create a Workflow Rule Overview
- Rule Triggers
- Patch Rule Actions
- Notification Actions
- Default Workflow Rules
- Custom Workflow Rules

Create a Workflow Rule - Overview

To create a workflow rule, perform the following steps.

Task	To create a Workflow Rule:

- 1. Click 🌁 to create a new Workflow Rule.
- 2. Enter the Rule name and click Choose Rule Trigger. For details, see Rule Triggers.
- 3. Select the channel and trigger from the drop-down lists and click **Save**. An **Add Action** icon will appear. For an example, see Patch Rule Actions.
- 4. Select the action to be taken from the drop-down list when the rule is triggered and click **Save**. Add any additional actions required and save the rule.
- 5. Select the appropriate rule Notification. If you choose to send an email or SMS, you can select multiple users or broadcast groups for the email or SMS notification by clicking the appropriate user names or broadcast groups. A check mark will appear next to the selected users or broadcast groups. The selected user names will appear in the Users field; the selected broadcast groups will appear in the Broadcast to Groups field. For details, see Notification Actions.
- 6. Click Edit to change and to Enable or Disable a rule.

Rule Triggers

Within a given rule, select one of the following **Rule Triggers**: Advisory, Analytics, Patch, Policy, Release, Ticketing, and User management.

Choose Rule Trigger	
Patch	*
Advisory	
Analytics	
Patch	-
Policy	
Release	
Ticketing	
User	
Cancel	

For example, if you select Patch as the subject of your desired workflow, you must choose one patch rule trigger:

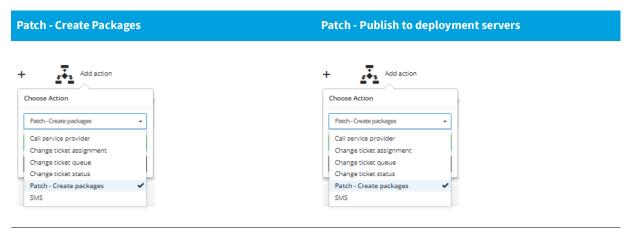
Table 3-2 • Patch Rule	e Trigger Options
------------------------	-------------------

Option 1: Patch ready for manual signing	Option 2: Patch available with template, affecting my environment = Yes, Not Critical or Above	Option 3: Patch available without template, affecting my environment = Yes, Not Critical or Above
Patch available, with termolate	Choose Rule Trigger Patch	Choose Rule Trigger
Choose Rule Trigger	Patch available, with template	Patch available, without template
Patch -	Yes 💌	Yes 🔹
Package ready for manual signing	Not Critical and Above 👻	Not Critical and Above
Package ready for manual signing 🖌	Save	Save
Patch available, without template Patch available, with template	Cancel	Cancel

Patch Rule Actions

After selecting the appropriate Patch Rule trigger option, you can create Patch Rule actions such as Patch - Create Packages and Patch - Publish to deployment servers.

Table 3-3 • Patch Rule Action Options



Notification Actions

You can create several Notification Actions to communicate your rules using **Email**, **SMS**, **Notify**, **Create ticket**, and **Call service provider.**

Table 3-4 • Notification Actions

Email the user with custom message and broadcast the email to members of a particular group	SMS the user with custom message and broadcast the text to members of a particular group	Notify the user with custom message and broadcast the email to members of a particular group	Create ticket with status Waiting for handling	Call Service Provider
Choose Action Email Template Available %Patch% rtlanailov Ves Patch Management Admins Cancel	Choose Action SN5 Published Padager Successfully relanailov Ves Patch Management: Admins Patch Management: Admins Delete Cancel	Choose Action Notify • Next Stap Build Package relanalov • Yes • Patch Management Admins • Warning • Save Delete Cancel	Choose Action Greate ticket Waiting Handled Irrelevant Open Waiting Delete Cancel	+ Add action Choose Action Image: Choose Action Image: Choose Action Image: Choose Action Image: Service Method Image: Choose Action Image: Choose Action Image: Choos

Default Workflow Rules

Software Vulnerability Research includes default workflow rules, which relate to ticketing, advisories, patching, and more. When selecting workflow rules, you should use either default workflow rules or custom workflow rules. Custom rules cancel out default rules, and two custom rules with identical triggers and actions cancel each other out.

The screen shot below provides two default patch rules:

- The first rule detects Patches without a template, and it sends an internal notification and an Email.
- The second rule detects Patches with a configured template, creates the package, and sends an internal notification and an Email.

□ ☆	Patch available, without template	>	Â	Notify	+	\bowtie	Email		
atch available with	custom profile Patch	1							

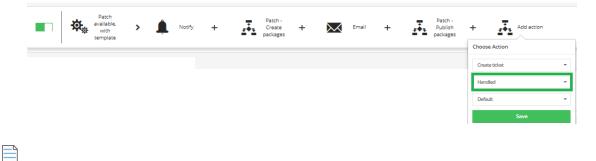
The default workflow rules should be used as a template. It's good practice to disable the default workflow rules to make custom workflow rules with the same settings. Custom rules cancel out default rules, which might cause unforeseen issues. For additional information, see Default Workflow Rule Examples.

Custom Workflow Rules

A Custom Workflow Rule is any workflow rule that was built from scratch by the user. It might be a simple workflow rule or a more complex one.

The custom workflow rule screen shot below includes:

- 1. A patch with a template
- 2. Creating an internal notification in Software Vulnerability Research
- 3. Creating a patch package
- 4. Single user email notification
- 5. Publishing the patch package
- 6. Creating a notification to the single user and to the Patch Management Admins user group
- 7. Creating a ticket and marking it **Handled** because this workflow rule automatically handled the package from its release phase to its publishing to the WSUS/System Center Configuration Manager.



Note • This custom workflow rule will cancel out all default workflows labeled Patch available with Template.

Additional Patching Information

For additional Patching information, see:

- Patching Tickets
- Manual Signatures

Chapter 3 Software Vulnerability Research Quick Start Guide

Workflow Management Rules



The Dashboard is the default home page that provides you with an overview of vulnerability management processes and gives you access to your latest vulnerability intelligence and Advisories. The information is presented with the help of various widgets.

- Dashboard with Threat Intelligence Module
- Dashboard without Threat Intelligence Module

Dashboard with Threat Intelligence Module

The below figure shows the Dashboard with the Threat Intelligence Module, the additional widget **Highest threat scores affecting your watch lists** get included in the main page.



Note • Please note the following:

- This add-on requires purchase of the Software Vulnerability Research Threat intelligence Module
- To purchase this module, contact your sales representative or contact us online at: https://www.flexera.com/about-us/ contact-us.html

nboard													
													÷s
evices Ov	verview	1		×	Highest t	nreat scores affecting your watch lists \sharp			×	Devices	status - System score 🦸)
Average sco	ore			70	SAID	Title	Criticality	Threat Score	Release		100	0	
		Insecure		15				score	CO12911		50 - 79	10	
evices		Secure		0	<u>SA87897</u>	Microsoft Windows Server 2016 / Windows 10 Multiple Vulnerabilities		99	2019- 03-13		<50 Unknown	1	
		Total		15					2019-		Not Calculated	ō	
					<u>SA87894</u>	Microsoft Windows Server 2019 Multiple Vulnerabilities	_	99	03-13				
		Insecure		91	SA87491	WinRAR ACE File Processing Directory Traversal	-	89	2019-				
roducts		End-of-Life		19		Vulnerability			02-13				
		Secure		250	SA84863	Avaya Call Management System (CMS) Multiple Vulnerabilities		89	2018- 08-22				
		Total		380					2018-				
		Insecure		12	<u>SA83937</u>	Oracle Linux update for samba	_	89	05-25				
					SA83063	Microsoft Windows Server 2012 / Windows RT 8.1 / 8.1	_	89	2018-				
ost critica	al advis	ories affecting your security #		×		Multiple Vulnerabilities			05-09	Most pre	valent insecure software installations 🖠		
ank SAI	ID	Title	Installations	Criticality	SA83054	Microsoft Windows Server 2008 / Windows 7 Multiple		99	2018	Rank	Name	Installations	Patch
		Microsoft Internet Explorer Memory Corruption	matamations	ondoanty	Devices s	tatus - Time since last scan 🛿			×	1	Microsoft NET Framework 4.x	8	No
SAE		Vulnerability	2	_		0 - 7 days 13				2	WinSCP 5.x	-	
SAS	84665	Microsoft Internet Explorer Multiple Vulnerabilities	1			8 - 14 days 1 15 - 30 days 0						2	Yes
SAT	78904	Microsoft .NET Framework Code Execution Vulnerability	5	_		+31 days 1				3	GNU C Library (glibs) 2.x	4	No
SA7	72977	Microsoft Products Multiple Vulnerabilities	4	_						4	Network Security Services (N55) 3.x	4	No
SAT	70398	Microsoft Internet Explorer Multiple Vulnerabilities	4							5	Microsoft Internet Explorer 11.x	3	No
		Microsoft Windows OLE Object Handling Two Arbitrary								6	Microsoft Windows 10	3	No
SAE		Code Execution Vulnerabilities	2	-						7	FreeType 2.x	3	No
		Microsoft Windows OLE Object Handling Arbitrary Code Execution Vulnerability	1							8	Notepad++ 7.x	3	Yes

Click 💶 to add the **Highest threat scores affecting your watch lists** widget and Save to save the changes you made.

Advisories released last year
Highest threat scores affecting your watch lists
Latest advisories
Latest advisories per watch list
Opened tickets pattern
Tickets split by status
Your latest assigned tickets

Note • Click the *i* icon to see more information about the widget.

Dashboard Widget

In additional to the features explained in the **Dashboard > Dashboard without Threat Intelligence >** Dashboard Widgets, the following widget is added:

• **Highest threat scores affecting your watch lists** - displays those advisories with the highest threat scores affecting the watch lists.

Dashboard without Threat Intelligence Module

The below figure shows the Dashboard without the Threat Intelligence module.

													+
)evices	Overview	1 2			× Devi	es status - T	ime since last scan 💈		×	Device	as status - System score 🦸		
Averag	e score		68				0 - 7 days 17 8 - 14 days 0				100 1		
		Insecure	29				15 - 30 days 8 +31 days 5				50 - 79 17 <50 5		
Device	•	Secure	1				ion days in a						
		Total	30										
		Insecure	59										
		End-of-Life	36										
roduc	ts	Secure	472										
ostor	itical advir	Total	567			tadvicarias	Affecting your security of			J Morts			
	itical advis	Total sories affecting your security 💰		Criticality	× Lates		affecting your security 🖇	Installations	Criticality	Most	prevalent insecure software installations #	Installations	Patch
ank		sories affecting your security 🦸 Title Adobe Flash Player Multiple Use-After-			Date 2018	SAID		Installations	Criticality			Installations 55	Patch
ank	SAID	sories affecting your security Title Adobe Flash Player Multiple Use-After- Free Vulnerabilities	Installations		Date 2018 03-0	SAID 	Title Google Chrome Multiple Vulnerabilities	22	Criticality	Rank	Name		
ank	SAID	sories affecting your security 🦸 Title Adobe Flash Player Multiple Use-After-	Installations		Date 2018	SAID	Title Google Chrome Multiple Vulnerabilities		Criticality	Rank 1	Name Microsoft .NET Framework 4.x	55	No
ank	SAID <u>SA81412</u>	tories affecting your security # Tite Adobe Flash Player Multiple Use-After- Free Volnerabilities Microsof Vindows OLE Object Handling Tive Abiltary Code Execution	Installations		2018 03-0	SAID SA81927 SA81927 SA81927 SA81927 SA81927	Title Google Chrome Multiple Vulnerabilities Adobe Flash Player Multiple Use-After- Free Vulnerabilities	22	Criticality	Rank 1 2	Name Microsoft.NET.Framework.4.x Microsoft XML.Core Services (MSXML).3.x	<u>55</u> <u>24</u>	No No
ank	SAID <u>SA81412</u>	sories affecting your security # Title Addes Flash Player Multiple Use-After- Free Winerabilities Microsoft Windows OLE Object Handling Two Additary Code Exceddon Valerabilities Windows Alcodes Exceddon Valerabilities	Installations		Date 2018 03-0 2018 02-2 2018 02-2	SAID SA81927 SA8197 SA8	Title Google Chrome Multiple Vulnerabilities Adobe Fissh Player Multiple Use-After- Free Vulnerabilities Adobe Reader / Acrobat Multiple Vulnerabilities Microsoft Vindown Server 2012 /	22	Criticality	Rank 1 2 3	Name Microsoft, NET Francework 4.x Microsoft XML Core Services (MSXML) 3.x Microsoft XML Core Services (MSXML) 6.x	55 24 24	No No No
ank.	SAID SA81412 SA61803 SA55611	Indees affecting your security # Title Adobe Flash Pitype Multiple Use-Affect Free Valenzabilities Microsoft Windows OLE Object Handing Two adoblery Cole Execution Valenzabilities Microsoft Windows Microsoft Windows Microsoft Windows Microsoft Windows Microsoft Windows ActiveX Control Code Execution Valenzability	Installations 29 12 1		Date 2018 03-0 2018 02-2 2018	SAID SA81927 SA819 S	Title Google Chrome Multiple Vulnerabilities Adobe Fissh Player Multiple Use-After- Free Vulnerabilities Adobe Reader / Acrobat Multiple Vulnerabilities Microsoft Vindown Server 2012 /	22	Criticality	Rank 1 2 3 4	Name Microsoft, NET, Francework, 4,x Microsoft XML, Core, Services, (MSXML), 3,x Microsoft XML, Core, Services, (MSXML), 6,x VLC, Modia, Pilyver, 2,x	55 24 24 22	No No No <u>Yes</u>
	SAID SA81412 SA61803	sories affecting your security # Title Addes Flash Player Multiple Use-After- Free Winerabilities Microsoft Windows OLE Object Handling Two Additary Code Exceddon Valerabilities Windows Alcodes Exceddon Valerabilities	Installations		Date 2018 03-0 2018 02-2 2018 02-2 2018	SAID SAB1927 SAB197 SAB197 SAB197 SAB197 SAB197 SAB197 SAB197 SAB197 SAB19	Title Google Chrome Multiple Vulnerabilities Addee Flash Player Multiple Use After- Free Vulnerabilities Addee Reader / Acrobat Multiple Vulnerabilities Microsoft 3/ 5 Server 2012 / Vulnerabilities Vulnerabilities	22 29 Z	Criticality	Rank 1 2 3 4 5	Name Microsoft, MCT Framework, 4.x Microsoft XML Core Services (MSXML) 3.x Microsoft XML Core Services (MSXML) 6.x VLC: Media Pinyet 2.x FileZilla Servet 0.x	55 24 24 22 19	No No <u>Yes</u> No

Click 💶 to add widgets (when available) and Save to save the changes you made.

Advisories released last year	
Latest advisories	
Latest advisories per watch list	
Opened tickets pattern	
Open tickets split by advisory criticality	
Tickets split by status	
Your latest assigned tickets	

Note • Click the *i* icon to see more information about the widget.

Dashboard Widgets

The Dashboard widgets on the main page includes the following:

Table 4-1 • Dashboard Widgets

Item	Description
Devices Overview	Displays an overview of the average security score (current verses last week) for the Devices, Products and Operating Systems within your environment.
Devices status - Time since last scan	Displays the number of devices that have been scanned within a given time frame.
Devices status - System Score	Displays how your devices rank based on the computed system score.

Table 4-1 • Dashboard Widgets

Item	Description
Most critical advisories affecting your security	Displays the most critical Advisories based on all software detected within your environment.
Latest advisories affecting your security	Displays a complete list of the latest Advisories released by Secunia. Click a Secunia Advisory ID (SAID) to view the complete advisory details, including (where applicable) the Creation Date, Criticality (Severity Rating), Impact (Consequence), Where (Attack Vector), Solution Status, Secunia CVSS (Common Vulnerability Scoring System), CVE References, Affected software and Advisory Description, Solution, References and Changelog.
Latest advisories affecting your security	Displays the most recent Advisories affecting software from your Devices.
Latest advisories per watch list	Displays the most recent Advisories released by Secunia based on your configured Watch Lists. Click a Secunia Advisory ID (SAID) to view the complete advisory details, including (where applicable) the Creation Date, Criticality, Impact, Where, Solution Status, Secunia CVSS Scores, CVE references, Affected software and Advisory Description, Solution, References and Changelog.
Advisories released last year	Displays a month-by-month graph of the total number of advisories released by Secunia over the previous 12 months.
Your latest assigned tickets	Displays the latest tickets that have been assigned to you. Click a Secunia Advisory ID (SAID) to view the complete advisory details, including (where applicable) the Creation Date, Criticality, Impact, Where, Solution Status, Secunia CVSS Scores, CVE references, Affected software and Advisory Description, Solution, References and Changelog.
Open tickets split by advisory criticality	Displays a color coded pie chart of the criticality of all open tickets assigned to you. Hover over the criticality legend (Low, Medium, High and Urgent) to display a tooltip with the total percentage of tickets applicable to the ticket criticality.
Tickets split by status	Displays a color coded pie chart of the statistics of all tickets assigned to you. Hover over the ticket type legend (Open, Waiting, Handled and Irrelevant) to display a tooltip with the total percentage of tickets applicable to the ticket type.
Open tickets pattern	Displays a trend line of the number of tickets that have been created based on your configured Watch Lists. The trend line applies to the status of all ticket types (Open, Waiting, Handled and Irrelevant).
Most prevalent EOL software installations	Displays the list of End-of-Life (EOL) software installations that no longer provide security fixes, which can lead to insufficient firewall and anti-virus protection. Please note that Flexera's definition of EOL software may differ from a software vendor's.
Most prevalent insecure software installations	Displays the most insecure software based on the number of Devices within your environment.

Table 4-1 • Dashboard Widgets

Item	Description
Latest available patches	Displays the latest available patches based on your scan results.

Chapter 4 Dashboard



Notifications provide detailed information about alerts you have received and any required actions. The number in the yellow bubble signifies the number of unread notifications.



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owsing 1-20 of 1478 notifications (i.							Ϋ́.	Ł Actions
Search by keyword	Critica	nity •	Status	*	From	То	=	Туре	ž
								Apply	Reset
						Filter	•	Save	Delete
Created	Туре	Notification							

Task

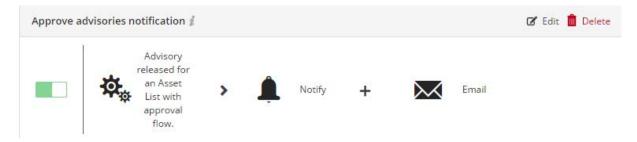
To view notifications:

- 1. Open the Notifications page.
- 2. Click 🗹 to filter the notifications by Search by keyword, Criticality, Status, From and To dates, and Type.
- 3. Click the Apply or Reset buttons to apply or reset the filters.

- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click a Secunia Advisory ID (SAID), ticket number and so on to view detailed information related to the item.
- 6. Click the Notification check boxes to select from the available options in the Actions drop-down list.
- 7. Click do export the results to a CSV file.

Setting Rules for Notifications

Your Administrator should set Rules to enable you to receive notifications, as shown in the following graphic. Please refer to Workflow Management > Rules for further information.





Vulnerability Manager

Edition • The Vulnerability Manager module is not available for Software Vulnerability Research - Assessment Only.

You can use the Vulnerability Manager pages to manage watch lists, advisories, and ticketing and approve advisories.

Overview

- Watch Lists & Advisories
- Ticketing in Vulnerability Manager
- Approve Advisories

Overview

Use the Vulnerability Manager pages to manage the Vulnerability Intelligence associated with your account. You can:

- Create, import and view Watch Lists.
- Create and view Shared Watch Lists
- View and create tickets for Historic Advisories for all Watch Lists
- View and create tickets for Product Advisories for all products
- View, edit and Create Tickets in Vulnerability Manager
- View and approve Advisories associated with each Watch List
- Send Notifications to alert users via Email/SMS
- Edit, share or delete Watch Lists

Click an item in the grid to select from the available options.

Watch Lists & Advisories

Select Watch Lists from the Watch Lists & Advisories drop-down menu to view, create and configure multiple Watch Lists, each with their own unique set of Vendors (all products from the vendor), Products (all versions) and specific Product Versions that you want to receive vulnerability alerts and track Advisories for.

Select Historic Advisories from the Watch Lists & Advisories drop-down menu to view a comprehensive and thorough collection of reports and statistics about all Advisories affecting a specific Watch List.

After adding a Watch List, it is recommended that you view the **Historic Advisories** page to confirm that the vendor has addressed all the relevant issues in the software.

Watch Lists

You can define which vendors, products, and product versions you want to receive vulnerability alerts and track Advisories for.

The monitored Vendors (all products from the vendor), Products (all versions) and specific Product Versions are organized into Watch Lists. Each Watch List can have different notification levels, can be grouped into Watch List Groups and can be shared with all Users and User Groups associated with your account. There is no limit to the number of Watch List Groups that can be created.

For details, see:

- View Watch Lists
- Create Watch Lists
- Edit Watch Lists
- Import a New Watch List
- Import an Updated Watch List

The Watch List **Enforced by admin** column with a Yes or No response relates to the sharing of Watch Lists. For details, see Shared Watch Lists. By default, the notifications (such as an email or SMS) generated by a Watch List are sent only to the Watch List creator when a new advisory is released that matches a Watch List. If Watch List creators wish to share their asset list with other users from their organization, the Watch List is then shared based on the following options:

- If an administrator shares a Watch List, he or she has the option to enforce the targeted users to receive the notification, with the selected subscription levels. All targeted users will then receive the notification, as it is mandatory. The targeted users can't unsubscribe from that Watch List. This will result in a **Yes** response in the **Enforced by admin** column.
- If a non-administrator shares a Watch List or an administrator does not select the Watch List's "enforce" subscription option, the targeted users (Users with roles Watch list manger and Watch list Manager Local) can decide whether or not to subscribe to the shared Watch List. The targeted users can manually subscribe to the Watch List, and notifications will not be sent to them before they manually subscribe to the Watch List page with their preferred subscription levels. This will result in a **No** response in the **Enforced by admin** column.

Watch Lists & Advisories 👻	Ticketing	Аррг	ove Adviso	ries										
rowsing 1-20 of 40 watch lists 🦸													7	3 <mark>+</mark> ± ·
Name	0	iroup		•	Enabled			Approval needed		-	Created by	•	Apply	Reset
											Filter	•	Save	Delete
Watch List Name	Group	Enabled	Receive	Product versions	Products	Vendors	End of life warnings	Advisories need approval	ls shared	Created by	Ticket threshold	Notification level for email	Notification level for SMS	Enforced by adm
7	1000	Yes	No	0	0	2	<u>0</u>	No	Yes	and the second sec	Not Critical and Above	None	None	No

View Watch Lists

Task	Vie	w Watch Lists
	1.	Open the Vulnerability Manager > Watch Lists & Advisories > Watch Lists page.
	2.	Click 💶 to create a new Watch List or 🗈 to import a Watch List from a text or CSV file that you have previously created and saved.
	3.	Click the Watch List check boxes in the grid to select from the available options from the CSV export button down menu.
	4.	Click 🔽 to filter the watch lists and advisories by Name , Group , Enabled (yes or no), Approval Needed (yes or no), and Created by .
	5.	Click the Apply or Reset buttons to apply or reset the filters.
	6.	Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
	7.	Click a Watch List in the grid to select Historic Advisories , View , Edit , Change notification , Unsubscribe, Un-Share / Share , or Delete .
	8.	To enable all of your users to collaborate, you can click a Watch List, select Share , and select the With all users, Group (or Groups) from the drop-down list and Enforce subscriptions options as required and click Save.
		Note • When selecting Groups or Users, you can either choose directly from the drop down list or enter keywords into the search box. Matching results will be displayed in the grid and select the desired group.
	9.	Click Shared Watch Lists to View, Subscribe, or Clone the Watch List. Select Clone to copy it to your Watch Lists, where you can then use the Historic Advisories, View, Edit, Change notification, Share, Un-Share or Delete options for the cloned Watch List.

Note • Any changes you make to a shared Watch List are shared by all users. If you want to change only your Watch List, you should first clone it.

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Important • When creating, editing or sharing Watch Lists, the Deny auto-approval role will determine if the normal user can create Watch Lists with auto approval. The role must be manually added to a user group and that user group assigned to the restricted users by the administrators. For users with Deny auto-approval:

- Create new Watch List—The field Advisories need approval will be checked and cannot be disabled.
- Edit existing Watch List—The field Advisories need approval cannot be edited (either enabled or disabled).
- Shared Watch Lists for the user will have the normal behavior. It is the responsibility of the creator to ensure the Watch List has Advisories need approval selected if it is shared with restricted users

Create Watch Lists

Task

To create a watch list, perform the following steps.

To create a Watch List

- 1. Open the Vulnerability Manager > Watch Lists & Advisories > Watch Lists page.
- 2. To create a new Watch List, click [■]. The **Create Watch List (Step 1 of 2)** page opens. On this page, you can select **Product Versions**, **Products**, **Vendors**, or **Assessment**.

Cre	eate Watch List (Step 1 of 2)				×
_	Receive all advisories Filter by FNMS data	i				
F	Product Versions	Products Vendors	Assessment			
	Q Search					
	Product Versions Da	tabase	+ +	Selected Product Versions	X -	
	001 File Joiner And S	plitter Pro 4.x	ADD +			
	009Soft File Splitter 1	x	ADD +			
	010 Editor 2.x		ADD +			
	010 Editor 3.x		ADD +			
	[₩ ♥ Page 1 of 5862 ₩	н			
			Cancel	Next		

Note • You can select the Receive all advisories check box to receive Secunia Advisories for all Product Versions, Products, and Vendors.

Receive all advisories			
Filter by FNMS data			

- **3.** Use the search field to find the products, vendors, product versions, and device groups to select and add to your Watch List.
- 4. Click + in the Database suggestions column heading to add the current page or click + next to the individual items to add them to the **Selected** items list.
- 5. Click 🗙 in the Selected items column heading to remove the current page or DELETE X next to an individual item to remove it from the list.
- 6. Click Next. The Create Watch List (Step 2 of 2) page opens.

Watch List Group	*
Advisories need approval	
Confidentiality Requirement (CR)	
ConfidentialityRequirement	•
Integrity Requirement (IR)	
IntegrityRequirement	*
Availability Requirement (AR)	
AvailabilityRequirement	•
	Advisories need approval Confidentiality Requirement (CR) ConfidentialityRequirement Integrity Requirement (IR) IntegrityRequirement Availability Requirement (AR)

- 7. Enter the Name of the Watch List.
- 8. Select the Watch List Groups, if available, from the drop-down list to associate with this Watch List. You can also click
 to create a new Watch List group.
- **9.** Notifications and/or tickets are not sent for disabled Watch Lists. If you wish to preserve a Watch List for historical reasons, you can disable it by clearing the selection of the **Enabled** check box.
- **10.** If you select the **Advisories need approval** option, you will receive a notification and an email for advisories that match your Watch List. You can approve that advisory, in which case a ticket is created or you can dismiss the advisories.

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Note • If the users have the rejected advisories option enabled, the threshold filters may not apply since the advisory may not have the criticality set.

11. Select the Ticket threshold, Email and SMS notification levels from the drop-down lists.

The **Ticket threshold level** is used to determine whether or not tickets will be created for advisories matching your Watch List.

 You can optionally select the impact that a vulnerability in any item in the Watch List will have to your environment (Low, Medium or High) by Confidentiality Requirement (CR), Integrity Requirement (IR), and Availability Requirement (AR) from the drop-down lists (optional).

The table below defines the Low, Medium, and High impact for CR, IR and AR. For the tickets created on the Watch List with values in the CR, IR, and AR fields, the system will use those values to calculate the custom Common Vulnerability Scoring System (CVSS) for the ticket.

Metric	Low Definition	Medium Definition	High Definition
CR	There is a low impact on the confidentiality of the system.	There is considerable disclosure of information, but the scope of the loss is constrained such that not all of the data is available.	There is total information disclosure, providing access to any or all data on the system.
IR	There is a low impact on the integrity of the system.	Modification of some data or system files is possible, but the scope of the modification is limited.	There is total loss of integrity; the attacker can modify any files or information on the target system.
AR	There is a low impact on the availability of the system.	There is reduced performance or loss of some functionality.	There is total loss of availability of the attacked resource.



Note • For further definition details, see:

https://en.wikipedia.org/wiki/Common_Vulnerability_Scoring_System#Impact_metrics

Note • After creating an Assessment Watch List from the Create a Watch List steps above:

- When a new scan is done, the new data is available in the Create Watch List pop-up window.
- When any scan result is deleted from the Assessment module, a refresh needs to be done to see the changes in the Assessment module and also in the **Create Watch List** pop-up window.
- When a Smart Group is deleted from the Assessment module, it may take at least 15 minutes to see the deleted Smart Group removed from the Assessment tab of the **Create Watch List** pop-up window.
- **13.** Click **Save** to save the Watch List. Once saved, you will begin to receive alerts and advisories based on your configuration.

Edit Watch Lists

To edit a watch list, perform the following steps.

r ^c	'n
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Τα	sk

To edit a Watch List:

1. Click an item in the grid and select Edit.

Edit Watch List FNMS_All_Windows_Servers (Step 1 -	of 2)		>
Receive all advisories			
Filter by FNMS data			
Product Versions Products Vendors			
Q Search			
Product Versions Database	+ +	Selected Product Versions	× •
	ADD +		
	ADD +		
144 44 Page 1 of 5747 14 144			
KK K Page 1 of 8747 >> >>			

2. Select Receive all advisories and Filter by FNMS data as appropriate. When you have finished making your selections, click Next. The Edit Watch List (Step 2 of 2) page opens.

Name	Watch List Group +	
FNMS_All_Windows_Servers	Watch List Group	*
Enabled	Advisories need approval	
Ticket threshold level	Confidentiality Requirement (CR)	
Not Critical and Above	ConfidentialityRequirement	•
Email notification level	Integrity Requirement (IR)	
Email notification level	 IntegrityRequirement 	•
SMS notification level	Availability Requirement (AR)	
SMS notification level	 AvailabilityRequirement 	*

- 3. Enter the Name of the edited Watch List.
- Select the Watch List Groups, if available, from the drop-down list to associate with this Watch List. You can also click
 to create a new Watch List group.
- 5. Notifications and/or tickets are not sent for disabled Watch Lists. If you wish to preserve a Watch List for historical reasons, you can disable it by clearing the selection of the **Enabled** check box.
- 6. If you select the **Advisories need approval** option, you will receive a notification and an email for advisories that match your Watch List. You can approve that advisory, in which case a ticket is created or you can dismiss the advisories.

Note • If the users have the rejected advisories option enabled, the threshold filters may not apply since the advisory may not have the criticality set.

7. Select the Ticket threshold, Email and SMS notification levels from the drop-down lists.

The **Ticket threshold level** is used to determine whether or not tickets will be created for advisories matching your Watch List.

- You can optionally select the impact that a vulnerability in any item in the Watch List will have to your environment (Low, Medium or High) by Confidentiality Requirement (CR), Integrity Requirement (IR) and Availability Requirement (AR) from the drop-down lists (optional).
- **9.** Click **Save** to save the edited Watch List. Once saved, you will begin to receive alerts and advisories based on your configuration.

Import a New Watch List

To import a new Watch List, perform the following steps.

Task	То	import a new Watch List:	
	1.	Open the Vulnerability Manager > Watch Lists & Advisories > Watch Lists page.	
	2.	Click a.	
	3.	Choose Create Watch List and Submit.	
		Select Option ×	
		Create Watch List Edit Watch List	
		Close Submit	
		The Create Watch List (Step 1 of 4) dialog box opens.	
		Create Watch List (Step 1 of 4) - Choose file	×
		Choose File No file chosen	
		Note: please choose a text / csv file	
		Columns separator	
		✓ First row has column names Column with product names	
		Column with product names	•

- 4. Define the Columns separator ("," is the default) for the file you are importing.
- 5. Select First row has column names, if applicable.
- 6. Click Upload file. The Create Watch List (Step 2 of 4) dialog box opens.

×

Create Watch List (Step 2 of 4) - Match your products

 Perfect match (420 items) 				
⊘ Known alias (2 items)				
Previously selected (3 items)		+	Selected Products	×
	B Bayesian suggestion (0 items)			
 Close suggestion based on name compare (0 items) Suggestion based on name compare (0 items) X No suggestions (0 items) X Ignored (0 items) 		+ ×		
		+ ×		
		+ ×		
7-Zip 3.x		+ ×		
7-Zip 4.x	7-zip 4.x	+ ×		
7-zip 9.x	7-zip 9.x	+ ×		
Active Network Monitor 1.x	Active Network Monitor 1.x	+ ×		
Adobe Acrobat 2017 17.x	Adobe Acrobat 2017 17.x	+ ×		
Adobe Acrobat DC 15.x	Adobe Acrobat DC 15.x	+ ×		
	₩ ¥ Page 1 of 43 >> >>			

- 7. Select the **Filter by quality** field to match your Watch List against the criteria you select from the drop-down list or use the **Search in your products** field to find a specific product.
- 8. Click + in the Database suggestions column heading to add the current page or click + next to the individual items to add them to the **Selected** items list.
- 9. Click 🗙 in the Selected items column heading to remove the current page or DELETE X next to an individual item to remove it from the list.
- **10.** When you have finished making your selections, click **Continue**. The **Create Watch List (Step 3 of 4)** dialog box opens.

roduct Versions	Products Vend	ors Assessment		
Q Search				
Product Versions Dat	abase	+ +	Selected Product Versions	×
001 File Joiner And Sp	litter Pro 4.x	ADD +		
009Soft File Splitter 1.	x	ADD +		
010 Editor 2.x		ADD +		
010 Editor 3.x		ADD +		
C		52 >> >>		

11. Choose other watch lists to add or delete and click Next. The Create Watch List (Step 4 of 4) dialog box opens.

×

Name	Watch List Group +	
watchlist1.csv	Watch List Group	*
Enabled	Advisories need approval	
Ticket threshold level	Confidentiality Requirement (CR)	
Not Critical and Above	 ConfidentialityRequirement 	•
Email notification level	Integrity Requirement (IR)	
Not Critical and Above	 IntegrityRequirement 	•
5MS notification level	Availability Requirement (AR)	
Extremely Critical	AvailabilityRequirement	-
Call Mar State of Call		

Create Watch List (Step 4 of 4) - Enter name and other properties

- 12. Enter the Name of the Watch List.
- Select the Watch List Groups, if available, from the drop-down list to associate with this Watch List. You can also click
 to create a new Watch List group.
- 14. Select the Enabled and Advisories need approval check boxes as required.
- 15. Select the Ticket threshold, Email and SMS criticality notification levels from the drop-down lists.
- 16. You can optionally select the impact that a vulnerability in any item in the Watch List will have to your environment (Low, Medium or High) by Confidentiality Requirement (CR), Integrity Requirement (IR) and Availability Requirement (AR) from the drop-down lists (optional).

×

17. Click **Save** to save the Watch List. Once saved, you will begin to receive alerts and advisories based on your configuration.

Import an Updated Watch List

To import an updated Watch List, perform the following steps.

Task	To i	mport an updated Watch List:
	1.	Open the Vulnerability Manager > Watch Lists & Advisories > Watch Lists page.
	2.	Click .
	3.	Choose Edit Watch List, enter the Watch List to update in the search field, and click Submit.

Select Option	×
 Create Watch List Edit Watch List 	
Q Search watch list	
Close	Submit

The Edit Watch List (Step 1 of 4) dialog box opens.

later please choice	gleiter ie e teit / tau fie	1.22							
olumin seperate		Þ							
 First row has co alumn with pred 									
Product Name									
Access	Watch Set	Product M	Product Name	is operating system	Verson	Full product name	is and of the	Vendor M	Verdar Name
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Piezana Main Tani Account	FIRES_Input	4004	Merced Viet Publishing Incard		14	Microsoft time Publishing Victoria 1.4		× .	Notest
Pasana Main Tant. Account	PMS_input	60362	Toetota Duetoch Stack		44	Toehile Duetoelt Stack 4.4		3675	Tortita
Flavera Main Text Account	PhildS_import	54725	Auditor		14	Author 1.4		4	Adute Systems
Please a Main Test Account	Print]_separt	70584	Canon PhotoRecord		28	Caron PhotoRecord 2 i		795	Canon
Piecera Main Test Account	M02_Jepoil	54400	Realize Soft UltraWar		$i\bar{s}$	Realiste Soft Ultrafiler 2 s		3971	Reafine Soll
Placera Islam Text Account	mars_imperi	70593	Photodiskch		3.4	PhotoSlitch 3 4		738	Ceton
Fierera Mart Test Incomet	Polici_joppet	122103	Cracleth Database Standard Balton			Oracleti Dutatiase Standard Ection		208	Draile Corporation
Piesera Mare Test Ricchard	Fill2_Jeput	20586	Zuerdrower Et		64	Zaindrover EX 1 x		738	Earce
Pjesana Main Tant Account	PSMS_separt	80087	Sophus SafeGuant PrivateCrypte		2.4	Sophere Siele/Guard Private/Cryptic 2 a		162	Sights

4. Choose File to import and click Upload file. The Edit Watch List (Step 2 of 4) dialog box opens.

Handharg publications Holds Holds The Protect Development water water holds The Protect Development water holds ABTY Profession Team Control Contro	Titler by quality	-	Q. Search tryour pr	shatt-	
ABTY frankasis taut di detti frankasis taut s. d		Desire in more of your subject watch bits			
ABDY / Restauder Speci L 4 + X ADDY / Restauder Speci L 4 + X ADDY / Restauder Speci L 4 + X ADDY - Restauder Speci L 4 + X ADDee 4 - ADDRe 1 + X ADDRe 6 - ADDRe 1 + X ADDRe 6 - ADDRe 1 + X ADDRe 7 + ADDRe 1 + X	Yout Product	Suggested Product	+	Selected Products	
A2BY: Familiants Typest © Altity finantiants Typest I.s. © X ACDDe © ALDDee T.s. + X	ABBYY Prefaate Sprit	O ADDICI FeeReader Spott 8.4	+ ×		
A005ee Chatter 1 + x A005ee + x A005ee	ABBY'r Feefeader Spint	Californi Presidente Specifica	+ *		
ACOSee COSee In FX ACOSee COSee In FX ACOSee COSee In FX	ABB/Y Freileader Spirit	· Attay Frankadar Sport & a	• *		
ACOSee COSee In FX ACOSee COSee In FX ACOSee COSee In FX	ACOSHe	ACOSee To	+ *		
ACOSee Oracity examples and the acoset of th	ACDSee		+ *		
	ACOSee	ACODer 1.4	+ *		
4005ee 🙂 4005ee Bir + X	ACD5ee	· ALLENNE AL			
	ACOSee	· ACDIer In	+ *		
Azona Tue Imaje 🛛 Azona Tue Imaje 2013 🔹 🗙	Acres True Image	🧶 Aussela True Image 2013	**		
Access Tour Image 🕴 Access Tour Image B x 🔹 🗰	Acrono True Image	😫 Accord True Image B x	**		

5. Make the necessary edits and click Continue. The Edit Watch List (Step 3 of 4) dialog box opens.

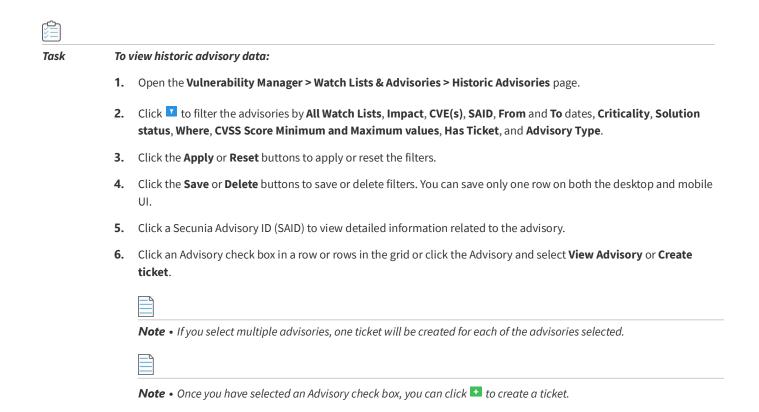
Receive all advisories Filter by FNMS date				
Product Versions	Products Vendors	Assessment		
Q. Search.				
Product Versions Dat	сан (+ +	Selected Product Versions	×
001 File Joiner And Sp	itter Pro 4.x	A20 +	1-Cick Answers 2.4	DELETE
0095oft File Spitter 1.		A00 +	1-dick cleaner 2 x	DELETE >
010 Editor 2.4		+ 004	1-Click 1tsu ⁴ ube Video Covinicader 1.s (indension for Firefox)	DELETE >
010 Editor 3.x		A00 +	A t-beach t.x	DELETE >
d3preprintal ActiveX.C	one of 1.x	A00+	13 Peger DealeOut 2003	DELETE >
A 04/1epServer 1.x		A00+	15-Progenyslem in 5 Stunden 2 x	DELETE >
A Overkill 0.x		400+	10-Sekunden-Haushalhibuch 5.x	DELETE >
10000000 1.x		Added	15-Shike LANState 2 x	DELETE
100 Doors of Revenge	ta .	Added	10-Bitke Network Diagram 2 x	DELETE
100 Floors Escape 1.x		Assed	100 Doors of Revenge 1 x	DELETE
E	Page 1 of 5821		1 1 Page 1 of 3 10 10	

- 6. Make the necessary edits and click Next. The Edit Watch List (Step 4 of 4) dialog box opens.
- 7. Make any necessary edits and click Save.

Historic Advisories

The **Historic Advisories** page provides access to a comprehensive and thorough collection of reports and statistics about all Secunia Advisories.

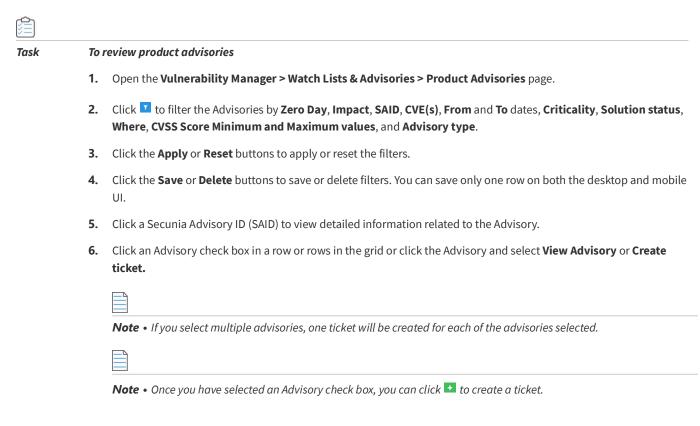
Vatch Lists & Advisories - Ticket	ing Approve A	lvisories								
vsing 1-20 of 75439 advisories for all watch	lists. į									
All Watch Lists 🗢	Impact		CVE(s)	SAID	From	=	То	=	Criticality	
Solution status	Where		CVSS Score Min	CVSS Score Max	Hasticket	•	Advisory type		Apply	Reset
							Filter	•	Save	Delete
Advisories 75439		riticality Where	Impact							
Advisories 75439 Most Severe No Fix - None (i		includy initia		d on Vendor Solution			Advisories Based on	Criticality		
vdvisories 75439 Aost Severe No Fix		intenty finite	Advisories Base	(17.05) %			Extremely Critical	275 (0.36) %		
Advisories 75439 Most Severe No Fix - None (Advisories Based on OS / Software		includy inclu	Advisories Base No Fix 12855 Vendor Patch					275 (0.36) % 505 (19.23) %		
Advisories 75439 Most Severe No Fix None (i Advisories Based on OS / Software Software 43990 (58.31) %		incony inco	Advisories Base No Fix 12855 Vendor Patch) (17.05) % 57001 (75.56) % around 1615 (2.14) %			Extremely Critical Highly Critical 145	275 (0.36) % 505 (19.23) % Il 25247 (33.47) %		
Advisories 75439 Most Severe No Fix None (i Advisories Based on OS / Software Software 43990 (58.31) %			Advisories Base No Fix 12855 Vendor Patch Vendor Work) (17.05) % 57001 (75.56) % around 1615 (2.14) %			Extremely Critical Highly Critical 145 Moderately Critica	275 (0.36) % 505 (19.23) % il 25247 (33.47) % 3 (35.65) %		
Advisories 75439 Most Severe No Fix None (i Advisories Based on OS / Software Software 43990 (58.31) %			Advisories Base No Fix 12855 Vendor Patch Vendor Work) (17.05) % 57001 (75.56) % around 1615 (2.14) %			Extremely Critical Highly Critical 145 Moderately Critica Less Critical 2689	275 (0.36) % 505 (19.23) % il 25247 (33.47) % 3 (35.65) %		
Advisories 75439 Most Severe No Fix - None (Advisories Based on OS / Software Software 43990 (58.31) %	Rejected)		Advisories Base No Fix 12855 Vendor Patch Vendor Work) (17.05) % 57001 (75.56) % around 1615 (2.14) %		 Solution status 	Extremely Critical Highly Critical 145 Moderately Critica Less Critical 2689	275 (0.36) % 505 (19.23) % il 25247 (33.47) % 3 (35.65) %	Ticket Created	Туре



Product Advisories

The **Product Advisories** page provides access to a comprehensive and thorough collection of reports and statistics about all Secunia Advisories affecting all products.

Watch Lists & Advisories - Ticketi	ting Approve Advisories								
owsing 1-20 of 75441 advisories for all produ	icts.			Q. Search product versi	on				
Zero Day	Impect	CVE(s)	SAID	From		To	=	Criticality	
olution status	Where	CVSS Score Min	CVSS Score Max	Advisory type	•			Apply	Reset
						Fiker		Save	Delete
immary Month by Month Sc	olution Status Criticality Where	Impact							
			None (Reje Extremely Highly criti Moderate) Less critica Not critical	critical 275 cal 14,505 y critical 25,248 el 26,893					
			Extremely Highly criti Moderatel Less critica	critical 275 cal 14,505 y critical 25,248 al 26,893					
SAID Reisse Date @ Mod	difed Date 😂 Title		Extremely Highly criti Moderatel Less critica	critical 275 cal 14,505 y critical 25,248 al 26,893	y Salution		Where	CVSS Score	с Туре



Shared Watch Lists

To enable all of your users to collaborate, you can click any of your Watch Lists, select **Share**, and select the **With all users**, **Group (or Groups)** from the drop-down list and **Enforce subscriptions options as required** and click **Save**.



Note • When selecting Groups or Users, you can either choose directly from the drop down list or enter keywords into the search box. Matching results will be displayed in the grid and select the desired group.

If an account administrator wants to share a Watch List with all Users or User Groups on a mandatory basis, they can select Enforce subscriptions. All users that match from the selected groups (or from the entire account) will automatically receive notifications for the released advisories that match the Watch List. If Enforce subscriptions is not selected, the users have the option to voluntarily subscribe to advisories from that Watch List and can choose their own notifications levels.



Note • Subscribers to the Watch List can edit the Watch List, resulting in changes for all users.

Click a Shared List in the grid to View or Clone the Watch List. Select Clone to copy it to your Watch Lists, where you can then use the Historic Advisories, View, Edit, Change notification, Share, Un-Share or Delete options for the cloned Watch List.

Note • Any changes you make to a Shared List are shared by all users. If you want to change only your Watch List, you should first clone it.



Note • A watch list can only be shared once. If you need to share the watch list with multiple groups or with multiple levels, you will need different watch lists.

FlexNet Manager Suite (FNMS) Import

Go to **Vulnerability Manager > Inventory > FNMS Import** to display a list of products imported from FlexNet Manager Suite.

You can Search by keyword for a specific product or click 🔽 to filter the list by **Name**, **Version**, **Publisher**, **Matched by Flexera** (select Unknown by Flexera or Matched by Flexera from the drop-down list), **Matched by Intelligence** (select Unmatched by Intelligence or Matched by Intelligence from the drop-down list) or **Import status** (select New, Same or Removed from the drop-down list).

For further information, please refer to the FlexNet Manager Suite Inventory Exporter documentation.

You can also select Filter by FNMS data when creating or editing Watch Lists.



Note • It may take up to 5 minutes for the submitted products to be processed and displayed.

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	4	í
	1	

Important • The minimum version of FlexNet Manager Suite supported by the Software Vulnerability Research import tool is 2015 R2 SP2.

Ticketing in Vulnerability Manager

A ticket enables you to track and manage vulnerabilities based on the current state of all your Products, Vendors, and Watch Lists.

You can manually create a ticket from all Advisories, in case you would like to further process an Advisory for a vulnerability not affecting any of your Watch Lists, giving you the possibility to track any vulnerability which might affect the organization, not only vulnerabilities in software included in any of your Watch Lists.

Use the Ticketing page to view and change the Ticket Status and Ticket Priority of each Ticket.

Vuln	erabilit	y Manager ≯ Ti	icketing											0.1
W	atch Li	sts & Advisori	es 🕶	Ticketing	Appr	ove Advisories								
Oper	tickets	13384 Waiti	ng tickets	38 Close	d tickets	285 Irrelevant tick	ets 10 F	ending deployment tickets 🔋 At QA tickets 💈						
Brow	sing 1-2	0 of 13722 ticket	s į										7 + 4	Actions +
	ld 💠	Ticket created	Queue 🛟	Status 💠	Priority 🛟	Watch List	SAID 💠	Title	Criticality	Secunia Advisory published	Solut	ion status	CVSS/Custom Score	Assigned to
	13746	2018-03-12	Default	Open	Medium	Real Property lies	<u>SA82018</u>	HP-UX update for Tomcat-based Servlet Engine		2018-03-12	Vendo	or Patched	5	100
								View Edit Delete						

Task	То	view and change ticket status and ticket priority
	1.	Open the Vulnerability Manager > Ticketing page.
	2.	To filter the results by ticket status, select one of the bold ticket statuses in the upper-left-hand corner followed by a ticket count. The default ticket statuses are Open , Waiting , Handled , and Irrelevant . See Default Ticket Statuses in Vulnerability Manager for more information.
	3.	Click 🔽 to filter the results by ID, From and To dates, Queue, Priority, Watch List, SAID, Criticality, Solution status and CVSS Score Minimum and Maximum values, and Assigned User.
	4.	Click the Apply or Reset buttons to apply or reset the filters.
	5.	Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
	6.	Click a Secunia Advisory ID (SAID) to view detailed information related to the Advisory.
	7.	To view one ticket, click the appropriate ticket check box in the grid to View, Edit , or Delete the ticket. To view multiple tickets, click the appropriate ticket check boxes in the grid and select an option from the Actions drop-down menu such as Delete multiple tickets (see Delete Tickets in Vulnerability Manager) or Edit multiple tickets .
	8.	Click 🔺 to export tickets to a CSV file.
	9.	Click 💌 to Create Tickets in Vulnerability Manager.

Create Tickets in Vulnerability Manager

To create tickets in Vulnerability Manager, perform the following steps.



To create a ticket in Vulnerability Manager:

- 1. Open the Vulnerability Manager > Ticketing page.
- 2. Click an Advisory or 🚹 to create a ticket for the Advisory.

Create ticket	×
Advisory	
Q. Search by SAID or title	
Status	
Open	-
Priority	
Low	-
Queue	
Default	-
Assigned to	
Assigned to	*
Add comment	
Add comment	
Cancel Save	

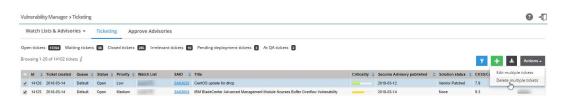
- **3.** From the **Status** drop-down list, select the appropriate status. The default ticket statuses are **Open**, **Handled**, **Closed**, or **Irrelevant**. See Default Ticket Statuses in Vulnerability Manager for more information.
- 4. From the **Priority** drop-down list, select the appropriate priority. The default ticket priorities are **Low**, **Medium**, **High** or **Urgent**.
- 5. From the **Queue** drop-down list, select a queue to assign the ticket to.
- 6. From the Assigned to drop-down list, select an individual to assign the ticket to.
- 7. In the Add comment field, add an appropriate comment to the ticket (mandatory).
- 8. Click Save.

Delete Tickets in Vulnerability Manager

To delete tickets in Vulnerability Manager, perform the following steps.

ask	То	delete tickets in Vulnerability Manager:									
	1.	pen the Vulnerability Manager > Ticketing page.									
	2.	Insert a check mark in front of the ticket or tickets to delete.									
	3.	To delete one ticket, select Delete under the listed ticket in the grid.									
	3.	Vulnerability Manager > Ticketing									
	3.										
	3.	Vulnerability/Manager > Ticketing Watch Lists & Advisories - Ticketing Approve Advisories									

4. To delete multiple tickets, select Delete multiple tickets from the Actions drop-down menu.



5. When the "Are you sure you want to delete these tickets" pop-up window appears, click Yes.

A	Are you su these ticke	× re you want to delete tts?
	Yes	No

Default Ticket Statuses in Vulnerability Manager

The default ticket statuses are used by the Advisories and Policy Manager to run and display reports. While you are free to configure the ticket statuses, priorities and queues as you see fit, Flexera needs to know your equivalent "open" statuses to be able to correctly report the statistics.

The following are the default ticket statuses:

Table 6-1 • Default Ticket Statuses

Status	Description
Open Tickets	An Open Ticket is one for which no action has yet been triggered.
Waiting Tickets	A ticket is marked as Waiting when it has been decided that an action needs to be taken at a later stage.
Handled Tickets	A ticket is considered Handled when the appropriate action has been taken.
Irrelevant Tickets	A ticket is considered Irrelevant when it has been handled and is no longer considered of importance to you.

Click a Secunia Advisory ID (SAID) to view detailed information related to the Advisory or click a ticket to View or Edit the details.

Approve Advisories

The **Approve Advisories** page displays a list of all Advisories pending your approval.



Note • To approve Advisories, you should select the Advisories need approval check box when you Create Watch Lists.

📋 Task

Approve advisories

1. Open the Vulnerability Manager > Approve Advisories page.

owsing 1-20 of 45 advisories $i\!\!\!/$									
									Y Actio
In queue	• Wate	th List	▼ SAID	From	=	То	=	Title	
Criticality	- Solut	don status	-					Apply	Reset
						Filter	*	Save	Delete
Watch List SAID Re	elease date	Modified date	Title			Criticality Solution state	15	Where	CVSS Score

- 2. Click T to filter the Advisories by In queue, Watch List, SAID, From and To dates, Title, Criticality, and Solution status.
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. To approve one advisory, click the appropriate advisory check box in the grid to **Approve** the advisory. The **Approve advisory** pop-up window appears. Continue to step 7.

Approve advisory	×
Advisory	
SA67053	
Status	
Status	-
Priority	
Priority	•
Queue	
Queue	•
Assigned to	
Assigned to	-
Add comment	
Add comment	
Cancel Save	

6. To approve multiple advisories, click the appropriate advisory check boxes in the grid and select Approve multiple advisories from the Actions drop-down menu. The **Approve multiple advisories** pop-up window appears.

Status Priority Priority Queue Queue Assigned to Assigned to	•
Priority Priority Queue Queue Assigned to Assigned to Add comment	•
Priority Priority Queue Queue Assigned to Assigned to Add comment	•
Priority Queue Queue Assigned to Assigned to Add comment	•
Queue Queue Assigned to Assigned to Add comment	•
Assigned to Assigned to Add comment	
Assigned to Assigned to Add comment	
Assigned to Add comment	*
Add comment	
	*
Add comment	

- 7. Select the Status (Open, Waiting, Handled or Irrelevant) from the drop-down list.
- 8. Select the Priority (Low, Medium, High or Urgent) from the drop-down list.
- 9. Select the Queue (Default or Approval) from the drop-down list.
- 10. Select who the ticket should be Assigned to from the drop-down list.
- **11.** Enter a comment.
- 12. Click Save to approve the Advisory or Advisories.



Note • Once an Advisory has been approved, the corresponding ticket will be marked as **Open**.

7 Research

Vulnerability Intelligence represents our full Vulnerability Database, which has been updated and maintained since the inception of Secunia in 2002.

Use the Research pages to:

- View Advisories
- Create Tickets in Vulnerability Manager
- View Vendors, Product Versions, Products, Suggest Software, and Download Software Suggestion Tool

The Research menu consists of the following tabs:

- Advisory Database
- Products Database
- Vulnerability Database

Advisory Database

When a potential software vulnerability is publicly disclosed, our Research Team verifies that it is in fact a vulnerability. Once confirmed, we analyze the severity and what software might be affected.

Then, a standardized and 100% vendor independent Secunia Advisory is written for the vulnerability, detailing attack vector, criticality rating, impact and solution.

The Secunia Advisory is uploaded to Software Vulnerability Research, and adapted intelligence feeds are delivered to you, based on customized pre-configured filters, to ensure the right groups of people are alerted whenever a new vulnerability that could affect your IT infrastructure is discovered.

You can customize filters according to, for example, software responsibility, compliance criteria or geography for each of the recipients in your organization.

Personalized security alerts - via email or SMS - are then issued in real-time to the correct individual in your organization.

Select Advisories or Rejection Advisories from the drop-down list to display details that are applicable to your Watch Lists.

Advisories

The Advisories page displays details of all the advisories released.

The Advisories page can be,

- Advisories with Threat Score
- Advisories without Threat Score

To open the Advisories page, Research >> Advisory Database >> Advisories

🚱 Software Vulnerability Resec	rch Research > Adv	isory Database >	Advisories	
Dashboard	Advisory Da	tabase Pro	oducts Database 👻	
Notifications	2 SAID	Release date	Modified date	♣ Title
Vulnerability Manager	SA89210 SA89205 SA89196	2019-05-25 2019-05-25 2019-05-25	2019-05-25 2019-05-25 2019-05-25	SUSE bluez Rejection Notice SUSE update for libvirt Debian update for wpa
Research	SA89252 SA89261	2019-05-25 2019-05-24	2019-05-25 2019-05-24	Nagios XI "Reset Password" SQL Injection Vulnerability SUSE update for xen
Assessment	□ SA89191 □ SA89260 □ SA88938	2019-05-24 2019-05-24 2019-05-24	2019-05-24 2019-05-24 2019-05-24	IBM Tivoli Network Manager IP Edition OpenSSL Rejection Notice SUSE update for curl IBM Spectrum Control Multiple Vulnerabilities
Patching	SA87643 SA89190	2019-05-24 2019-05-24	2019-05-24 2019-05-24	IBM Cognos Analytics Multiple Vulnerabilities IBM Security Guardium OpenSSL Rejection Notice
Policy Manager	SA89263 SA89237 SA89237 SA89245	2019-05-24 2019-05-24 2019-05-24	2019-05-24 2019-05-24 2019-05-24	wolfSSL PSK Identity Buffer Overflow Vulnerability F5 BIG-IP Local Traffic Manager (LTM) Binutils Rejection Notice F5 BIG-IP Local Traffic Manager (LTM) Binutils Rejection Notice
Analytics	SA89248 SA89236	2019-05-24 2019-05-24	2019-05-24 2019-05-24	SUSE sysstat Rejection Notice Oracle Linux update for libvirt
Ticket Manager	SA89232 SA89239 SA89239	2019-05-24 2019-05-24 2019-05-24	2019-05-24 2019-05-24 2019-05-24	Oracle Linux update for firefox Oracle Linux update for firefox Ubuntu update for mariadb-5.5
Ticket Manager	SA88923 SA89235 SA89235 SA89184	2019-05-24 2019-05-24 2019-05-23	2019-05-24 2019-05-24 2019-05-23	Oountu upoate for manaoo-o.o Red Hat update for libvirt Red Hat update for firefox

Advisories with Threat Score

The **Advisories** page with the Threat Score module is shown below.

owsing 1-2	0 of 80902 advisori	es i					Q Search by	keyword						Ţ
Zero Day		• In	npact	▼ CVE(s)		SAID	From			То			Triticality	
Solution st	atus 💌 Where	• 0	VSS Score Min CVSS Score M	Threat Score	Min	Threat Score Max	Advisory type		•				Apply	Reset
										Filter		•	Save	Delete
SAID	Release date	Modified date	Title				Criticality 💠	Zero Day 🗢	Solution a	tatus	Where	CVSS Score	Threat Score 🚽	Туре
SAID <u>SA8306</u>	Release date 2018-05-09	Modified date 2018-05-09	Title Microsoft Windows Server 2	012 / Windows RT 8.1 / 1	8.1 Multiple	le Vulnerabilities	Criticality 💠	Zero Day 💠 Yes	Solution s		Where From remote	CVSS Score (99	Type Secunia Advisor
	2018-05-09						Criticality 🖨			tched				
<u>SA8306</u>	2018-05-09	2018-05-09	Microsoft Windows Server 2	Products Multiple SMB V			_	Yes	Vendor Pa	tched tched	From remote	10.0	99	Secunia Advisor

Note • Please note the following:

- This add on requires purchase of the Software Vulnerability Research Threat intelligence Module.
- To purchase this module, contact your sales representative or contact us online at: https://www.flexera.com/about-us/contact-us.html

In additional to the features explained in the **Advisories Page >** Advisories without Threat Score, the following features are added:

- To filter the Advisories by Threat Score minimum and maximum values, click **V**.
- To see the threat score and threat reason, click a Secunia Advisory ID (SAID) > CVE References. Additional information of the selected Secunia Advisory ID is shown below:

Microsoft Windows PDF Library Two Code Ex	cecution Vulnerabilities	
Secunia Advisory ID	SA69309	
Creation Date	2018-03-09	
Criticality	Highly critical	
Zero Day	No	
Impact	System access	
Where	From remote	
Solution Status	Vendor Patched	
Secunia CVSS Scores	Base: 10, Overall: 8.3 (AV:N/AC:L/au:N/C:C/I:C/A:C/E:F/RL:OF/RC:C)	
CVE references	CVE-2016-0118 • CVE-2016-0117 •	
Threat Score	54 (Last Updated 2019-02-21)	
Affected operating system and software		
Operating systems		
Microsoft Windows 10	CPE Exists. Click for details.	
Microsoft Windows 8.1	<u>CPE Exists. Click for details.</u>	

Note • Effective December 15, 2023, NVD will retire the CPE v2.2 legacy feed. Consequently, current products in SVR will be visible in both CPE v2.2 and CPE v2.3 naming formats during this transitional period. However, it's important to note that any new products added to SVR in the future will be displayed in the CPE v2.3 naming format, and the CPE v2.2 format only if available.

To see the threat Score, threat Reason and their associated exploits, click on the CVE references, as shown below:

Microsoft Windows PDF Library Two Code Execution Vulnerabilities - CVE

CVE	cvss*	Threat Score	Threat Reason
CVE-2016-0118	CVSS v2: 9.3 (AV:N/AC:M/Au:N/C:C/I:C/A:C)	2	Linked to Historical Cyber Exploit
<u>CVE-2016-0117</u>	CVSS v2: 9.3 (AV:N/AC:M/Au:N/C:C/I:C/A:C)	53	Linked to Historical Cyber Exploit Historically Linked to Malware Historically Linked to Ransomware Historically Linked to Penetration Testing Tools

Description

The PDF library in Microsoft Windows 8.1, Windows Server 2012 Gold and R2, Windows RT 8.1, and Windows 10 Gold and 1511 allows remote attackers to execute arbitrar crafted PDF document, aka "Windows Remote Code Execution Vulnerability."

Treat Intel Module

The CVE threat score of 53 was based on the following triggers:

- · Linked to Historical Cyber Exploit
- · Historically Linked to Malware
- · Historically Linked to Ransomware
- · Historically Linked to Penetration Testing Tools
- The threat score was last updated on 2019-05-07. These threats have been associated with the following exploits:

· Qbot (Botnet)

- · Cryptolocker (Ransomware)
- GozNym (Banking Trojan)
- Gootkit (Banking Trojan)
- · Locky (Ransomware)
- References http://www.securitytracker.com/id?1035202
 - http://www.securityfocus.com/bid/84109
- Microsoft Security Bulletin http://technet.microsoft.com/security/bulletin/MS16-028

NOTE:

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* The information is written and maintained by CVE MITRE.

The data on this page reflects neither the opinions of Secunia or the results of our research.

Back

Advisories without Threat Score

The **Advisories** page without the Threat Score is shown below:

Advisory Database 👻 🛛 🖡	roducts D	atabase 👻											
owsing 1-20 of 75441 advisories	i					Q, s	arch by keyword						T
Zero Day	-	Impact	-	CVE(s)	SAID	From				То	=	Criticality	
Solution status	•	Where	-	CVSS Score Min	CVSS Score Max	Advisory	Abs		*			Apply	Reset
										Filter	-	Save	Delete
SAID Release date	Modif	ed date 😄	Title				Criticality	Zero Day	•	Solution status	Where	CVSS Score	Type
SA82869 2018-04-25	2018-0	4-25	Hitachi Multiple Products Oracle Ja	ava Multiple Vulnerabilities				No		No Fix	From local network	6.8	Secunia Advisory



To view advisories

- Open the Research > Advisory Database > Advisories page. 1.
- Use Search by keyword to filter the Advisories by the text you enter. 2.

3. Click 🔽 to filter the Advisories by Zero Day, Impact, CVE(s), SAID, From and To dates, Criticality, Solution status, Where, Score Minimum and Maximum values, and Advisory Type.

	Note • To search for multiple advisories at the same time to determine which advisories apply to more than a single CVE for which you have interest, enter the CVEs in the CVE(s) filter and leave one space between entries (Example: CVE-2014-0224 CVE-2014-0160 CVE-2013-0169 CVE-2009-3555 CVE-2015-7575).									
4.	Click the Apply or Reset buttons to apply or reset the filters.									
5.	Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.									
	If you select Hide rejected advisories under Settings > Account > Account Options:									
	• The Advisory Type filter will not appear under Research > Advisory Database > Advisories.									
	• The search result "No advisories found" appears under Research > Advisory Database > Rejection Advisories .									
	Note • The CVSS Score column in the grid contains either a CVSS 2.0 score or a CVSS 3.1 score. A CVSS 3.1 score will be noted with "v3" listed after the score.									

6. Click a Secunia Advisory ID (SAID) to view detailed information related to the Advisory.

Google Chrome Adobe Flash Pla		
Secunia Advisory ID	SA67058	
Creation Date	2015-10-23	
Criticality	- Highly critical	
Impact	System access	
Where	From remote	
Solution Status	Vendor Patched	
Securia CVSS Scores	Base: 10, Overall: 7.4 (AV:N/AC:L/Au:N/C:C/I:C/A:C/E:U/RL:OF/RC:C)	
CVE references:	CVE-2015-7647 CVE-2015-7648 CVE-2015-7645	
Affected operating system and softw	are	
Software		
Google Chrome 46.x	CPE : N/A	
Advisory Details:		
Description:		
Multiple vulnerabilities have been repor	ted in Google Chrome, which can be exploited by malicious people to compromise	e a user's system.
The vulnerabilities are caused due to the	application bundling a vulnerable version of Adobe Flash Player.	
For more information: 5A66915		
The vulnerabilities are reported in version	ns prior to 46.0.2490.80.	
Solution:		
Jpdate to version 46.0.2490.80.		
Original advisory:		
http://googlechromereleases.blogspot	com/2015/10/stable-channel-update_22.html	
References:		
5A66915: https://secunia.com/advisories/66915/		
Changelog:		
2015-10-23: Initial release		
	Close	

7. Click an Advisory check box in a row or rows in the grid or click the Advisory and select **View Advisory** or **Create ticket**.



Note • If you select multiple advisories, one ticket is created for each of the Advisories selected.

Note • Once you have selected an Advisory check box, you can click • to create a ticket. For more information, see Create Tickets in Vulnerability Manager.

Rejection Advisories

For compliance reasons, for example NERC (North American Electric Reliability Corporation), you may be required to report not only the vulnerabilities covered by the normal Advisories but also vulnerabilities, which our Research Team has rejected as not being a valid threat to security.

The **Rejection Advisories** page displays the advisories affecting your Watch Lists that did not pass our validation and filtering process rules and provides you with information about rejected vulnerabilities to make it possible for you to fulfill your compliance requirements. The Rejection Advisories page can be shown or hidden, depending on the Account Options set by your Administrator.

An advisory can be rejected for one of many reasons. The most common are:

- No reachability—The vulnerability cannot be exploited because the affected systems cannot be reached by an attacker.
- No gain—The vulnerability may be reached, but without any gain for the attacker.
- **No exploitability**—The vulnerability cannot be exploited because, for example, policy forbids installation of the affected software.
- **Dependent on other**—The vulnerability cannot be exploited by itself but is depending on another vulnerability being present.



Note • The rules outlined below are rules of thumb and not strictly pass/fail rules.

📋 Task

To view rejection advisories

1. Open the Research > Advisory Database > Rejection Advisories page.

2	Dashboard		Advisory [Database 🔺	Products	Database 🗸							
<u> </u>		1	Advisories Rejection A	dvisories	ories 🖞		Q. Search by keyword						Y
	Notifications 9728		SAID	Release	Modified date	Title	Criticality C	Zero Day	 Solution status 	Where	CVSS Score	 Threat Score 	🗢 Туре
0	Vulnerability Manager	C	SA116304	2023-05-18	2023-05-18	Ubuntu update for cups-filters	-	No	Vendor Patched	From local network	8.8 v3	15	Secunia Advisory
		C	SA116333	2023-05-18	2023-05-18	Cisco Identity Services Engine (ISE) Multiple Vulnerabilities	-	No	Vendor Patched	From local network	3.5 v3	0	Secunia Advisory
a	Research	C	SA116341	2023-05-18	2023-05-18	Cisco DNA Center API Multiple Vulnerabilities	-	No	Vendor Patched	From local network	4.6 v3	0	Secunia Advisory
2			SA116351	2023-05-18	2023-05-18	Cisco Identity Services Engine (ISE) Multiple Information Disclosure Vulnerabilities	-	No	Vendor Patched	From local network	3.5 v3	0	Secunia Advisory
0	Assessment	C	SA116377	2023-05-18	2023-05-18	NetApp ONTAP PHP Denial of Service Vulnerability	-	No	Vendor Patched	From local network	6.5 v3	3	Secunia Advisory
۶	Patching		SA116380	2023-05-18	2023-05-18	Veritas Infoscale Log4j Multiple Vulnerabilities	-	No	Vendor Patched	From remote	9.8 v3	99	Secunia Advisory
		C	SA116308	2023-05-18	2023-05-18	IBM WebSphere Service Registry and Repository Studio IBM Java Multiple Vulnerabilities	-	No	Vendor Patched	From local network	5.4 v3	7	Secunia Advisory
	Policy Manager 367229		SA116337	2023-05-18	2023-05-18	Cisco Identity Services Engine (ISE) Rejection Notice		No	None	None		0	Rejection Advisory
	Analytics	C) <u>SA116375</u>	2023-05-18	2023-05-18	SUSE ovmf Rejection Notice		No	None	None		0	Rejection Advisory
-	Analytics		<u>SA116374</u>	2023-05-18	2023-05-18	SUSE update for java-1_8_0-openjdk	-	No	Vendor Patched	From remote	7.4 v3	23	Secunia Advisory
j.	Settings		SA116355	2023-05-18	2023-05-18	Ubuntu update for linux	-	No	Vendor Patched	Local system	7.8 v3	19	Secunia Advisory
			SA116345	2023-05-18	2023-05-18	Cisco Identity Services Engine (ISE) Rejection Notice		No	None	None	-	0	Rejection Advisory
1	User Profile	C	SA116365	2023-05-18	2023-05-18	Red Hat update for apr-util		No	Vendor Patched	From remote	9.8 v3	17	Secunia Advisory

2. Click T to filter the Advisories by Zero Day, Impact, CVE(s), SAID, From and To dates, Criticality, Solution status, Where, and Score Minimum and Maximum values.

Note • Rejection advisories may not have all the details of the normal advisories: CVSS Vector and score, criticality, and so on.

- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click a Secunia Advisory ID (SAID) to view detailed information related to the Advisory.
- 6. The Solution Status of a rejected advisory will show Possibly Fixed for the following two conditions:
 - The Link to Original Advisory field is populated (non-empty).
 - The CPE (Common Platform Enumeration) field is populated (non-empty).

If either of these fields is empty, the solution status will remain **None**.

7. Click an Advisory check box in a row or rows in the grid or click the Advisory and select **View Advisory** or **Create ticket**.

Note • If you select multiple advisories, one ticket will be created for each of the advisories selected.

Once you have selected an Advisory check box, you can click 🔸 to create a ticket. For more information, see Create Tickets in Vulnerability Manager.

Products Database

The Products Database represents the full list of products tracked by our database, which has been updated and maintained since the inception of Secunia in 2002. You can browse Vendors, Products, and search for specific Product Versions applicable to your Watch Lists. You can also Suggest Software that you would like us to add to our database. You can also Download Software Suggestion Tool to suggest a software that is not detected by SVR.

- Vendors
- Product Versions
- Products
- Suggest Software
- Download Software Suggestion Tool

Vendors

The **Vendors** page displays a list of all available vendors. Click **View Products** to display the products associated with the vendor or click a vendor in the grid to view past advisories related to the vendor.

Research > Products Database > Vendors				0
Advisory Database - Products Database -				
Browsing 1-20 of 10464 vendors 1		Q. Search by keyword		
Vendor	Home Page		View Products	
2010 B			View Products	
		Past advisories		
		Past advisories		

Task To view vendors

- 1. Open the Research > Products Database > Vendors page.
- 2. To search for a specific vendor, pick a name from the Vendor column, enter it in the Search by keyword field and press Enter.
- 3. Click 🔤 to download a CSV file containing details of all vendors.

Product Versions

The Product Versions page displays a list of all available products, specified by product version number.

Task	To view product versions:

1. Open the **Product Versions** page.

esearch > Products Datab	ase > Product Versions											•
Advisory Database +	Products Database +											
rowsing 1-20 of 58321 produ	ct versions 🧋				Q. Search by keyword							Y
Name	Vendor		Version		Software type	×	Is end of life		-	Apply		Reset
							Filter		-	Save		Delete
Name		Vendor		0	Product			Version	Туре	9	End of Life	
001 File Joiner And Splitter Pro 4.	×	Welltek Software			001 File Joiner And Splitter Pro			4.x	Softwa	e	No	

- 2. Click a product version in the grid to view past advisories related to the product version.
- **3.** To search for a specific product version, pick a number from the **Version** column, enter it in the **Search by keyword** field and press **Enter**.
- 4. Click ^{II} to filter the results by Name, Vendor, Version, Software type, (Software/Operating system), and Is end of life (No/Yes).
- 5. Click the Apply or Reset buttons to apply or reset the filters.
- 6. Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 7. Click 🗳 to download a CSV file containing details of all product versions.

Products

The **Products** page displays a list of all available products.



To view products

1. Open the **Products** page.

Advisory Database 👻 🛛 P	oducts Database 👻				
rowsing 1-20 of 46603 products 🧋			Q, Search by keyword	La	T
Name	Vendor	Software type	*		Apply Reset
				Filter	▼ Save Delete
ame		Vendor		🗢 Туре	View Releases
001 File Joiner And Splitter Pro		Welltek Software		Software	View versions

- 2. Click a product in the grid to view past advisories related to the product.
- 3. To search for a specific product, pick a name from the Name column, enter it in the **Search by keyword** field and press **Enter**.
- 4. Click 🔽 to filter the results by Name, Vendor, and Software type (Software/Operating system).
- 5. Click the Apply or Reset buttons to apply or reset the filters.
- 6. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 7. Click View versions under the View Releases column to display the Vendor, Product, Version, Type and End-of-Life details.
- 8. Click 🗳 to download a CSV file containing details of all products.

Suggest Software

Use the **Suggest Software** page to suggest new software to our Research Team. After clicking the **Suggest Software** button, the **Suggest a software** window appears. You must provide a Software name, Software version, a valid URL to the software Internet page, valid email addresses, and an optional comment.



Note • Multiple email addresses can be added in the **Email** field. Use a semi-colon or comma to separate multiple e-mail addresses.

8	Softw	are Vulnerability	Suggest a software	×		2	0-1
	\odot	Dashboard	Single software Upload File		Tool	Sugges	t software
					tatus	Created by	Created
	Ļ	Notifications	Software name		equest ent	demo	2023-01- 19
B	0		Google Chrome		equest ent	demo	2023-01-
	9	Vulnerability Mana	Software version		equest	demo	2023-01-
		Research	10123 Software URL	-	ent equest ent	demo	19 2023-01- 19
			https://www.flexera.com		equest ent	demo	2023-01- 19
	æ	Assessment	Email		equest ent	demo	2023-01- 19
	s	Patching			equest ent	demo	2023-01- 19
	8	i assinite	Comment Google chrome suggestion request		equest ent	demo	2023-01- 19
	2	Policy Manager			equest ent	demo	2023-01- 19
	-				equest ent	demo	2023-01- 19
	-\$ \$ -	Settings	Cancel Save		equest ent	demo	2023-01- 18
		User Profile	Carlee Save		equest ent	demo	2023-01- 18
				- 1	equest	demo	2023-01-

You can also upload a CSV file or a TXT file with multiple product suggestions. Each row from the file must contain all details needed for a single product suggestion (Name, Version, and a valid URL).

Note • Multiple email addresses can be added in the **Email** field. Use a semi-colon or comma to separate multiple e-mail addresses.

Software Vulnerability Research	Suggest Sofware	Suggest a software			×			
Dashboard	Browsing 1-20 of 41 st	Single software	Upload File			Openload Software So	gestion Tool	Suggest software
 Netifications Vulversability Manager Research Assessment Petching Petching Petching Petching Petching Analyses Analyses Ticker Manager 	Scheare leave Ingeland School Marker School Mark	Please upload a text Choose file The file's file's file's the file's columns : * Email Comment	L/ con file to be able to select the columns for the or has the column names separator	koffmann Name, Version and DM		Banco Graphical Sector Graphical Secto	Created by Brind Brin	Conset 2015 0-13 2020-13 2020-13 2020-13 2020-14 2020-
		product name	product version	uri				
Settings		Google Mock log4net	170 208 Cance	https://www.ggogle.com https://ogging.apache.org				
User Profile	© 2015 - 2023 Fiesera, A		Calle				FI	exera

Upon successful import, all entries present in the CSV file will be displayed in the Suggest Software page. Under **Status** column you can view the status as given below:

Table 7-1 • Suggest Software Status Column Details

Status	Description
Request Sent	Indicates the suggested software request as been sent to SVR.

Table 7-1 • Suggest Software Status Column Details

Status	Description
Needs Clarification	Indicates that the suggested software request needs clarification.
In Progress	Indicates the suggested software request is In progress.
Not Applicable	Indicates that the suggested software suggestions can not be tracked.
Pending Review	Indicates that the suggested software review in pending
Completed	Indicates that the suggested software is added to SVR.
Rejected	Indicates that the suggested software request is rejected.

💦 Software Vulnerability Research	Suggest Sofware	2					<u>e</u> 6	-1
Dashboard	Browsing 1-20 of	128 suggestic	ns į		Download S	oftware Suggestion To	ol Suggest sof	tware
U	Average time to re	solution over	last 30 days : 2 days					
Notifications 6404	Software Name	Version	URL	Email	Comment	Status	Created by Cr	eated
	Google Chrome	140.0	https://google.com	ALL AND ADD AT		Request Sent	20 23	23-03-
Vulnerability Manager	Flexera Agent	7.8	https://www.flexera.com	ACRE 1803 - 497 - 41	10.000	Request Sent	20 23	23-03-
Research								
Assessment								
Patching								
Policy Manager 388507								
Analytics								
Settings								
User Profile								

You can view the average resolution time for addressing suggested software.

Download Software Suggestion Tool

Use this page to suggest a software that is not detected by SVR. After clicking the Suggest Software button.



2. Click Download Software Suggestion Tool button to download the Software Suggestion Tool.

🔀 Software Vulnerability Research	Suggest Sofware						¢	0 +
Dashboard	Browsing 1-20 of 124 sugge	stions 🦸			Download Software Sugge	stion Tool	Suggest	t software
	Software Name	Version	URL	Email	Comment	Status	Created by	Created
Notifications 5880	7-zip 19.x	19.0.0.0	https://www.7-zip.org/download.html	NAME AND ADDRESS OF A DESCRIPTION		Request Sent	MERNIN	2023-01 31
Vulnerability Manager	Google Chrome	109.0.5414.75	https://www.google.com/intl/en_in/chrome/	1000 000 MP - 0.0 APR/		Request Sent	1000	2023-01 31
Vulnerability Manager	Notepad++ : a free (GPL) source code editor	7.9.5.0	https://notepad-plus-plus.org/downloads/	NUMBER OF THE OWNER.		Request Sent	DEFIN	2023-01- 31
Research	McAfee Security Scan Plus	3.11.717.1	https://home.mcafee.com/downloads/free-virus- scan	NAME AND ADDRESS OF A DESCRIPTION	The suggested software doesn't get detected by our Agent.	Request Sent	STAIN	2023-01 31

- **3.** Open the Software Suggestion Tool.
- 4. The Software Suggestion Tool window includes the following properties:

Property	Description
Account Token	Click Get Account Token and select the desired token number.
Program Name	Program name auto-populates with respect to the selected program file. Modify the name (If required).
Program File	Click browse and select file from the preferred location.
Program URL	Specify the program URL.
Email Address	Specify valid email addresses. Note • Multiple email addresses can be added. Use a semi-colon or comma to separate multiple e-mail addresses.
Additional Information	Add additional information (if required).

5. After entering the above details, click **Send to Flexera** button.

	e your account access token t	vse for the primary EXE of the application, the	en dick Jena to Hexera.	
	e your account access token t			
Account Token		17	Get Account Token	
ile Details				
Program Name	SuggestSoftware			
Program File	C:\U	tSoftware.exe	Browse]
Program URL	http://www.flexera.com			
Email Address		The attraction		ī
Additional Information				ī

- 6. Upon successful action, the details of the suggested software will be added in Suggest Software page.
- By clicking on the View My Software Suggestions button, it navigates to the Research > Products Database > Suggest Software page where the details of the software suggestion will be displayed.

Vulnerability Database

The Vulnerability Database represents the full list of Vulnerabilities tracked by our database.

• Vulnerabilities

Vulnerabilities

The **Vulnerabilities** page displays a list of all available NVD Vulnerability (CVE) references and associated Secunia Advisories in the database.

Searching on a CVE reference will find all Secunia Advisories in the database that list that particular CVE as a reference.

An Advisory can contain more than one CVE reference, and not every Advisory has an associated CVE reference.

Task	

To view:

1. Open the **Research > Vulnerability Database > Vulnerabilities** page. The Vulnerabilities page appears.

Dashboard	Advisory Data	base - Produ	cts Database 🕶	Vulnerability Database 👻		
)	Browsing 1-20 of 10	04295 vulnerabilities į	i	Q. Search by keyword		
Notifications (176805	Vulnerability	Released date	Modified date	Advisory	NVD CVSS Score	Threat Score
	CVE-2023-4585	2023-08-29	2023-08-29	SA118763, SA118860, SA118894, SA118869		15
Vulnerability Manager	CVE-2023-4584	2023-08-29	2023-08-29	SA118763, SA118860, SA118862, SA118894, SA118919, SA118869, SA118932		15
	CVE-2023-4583	2023-08-29	2023-08-29	SA118894	×	0
1	CVE-2023-4581	2023-08-29	2023-08-29	SA118894, SA118919		0
Research	CVE-2023-4580	2023-08-29	2023-08-29	SA118894		0
	CVE-2023-4579	2023-08-29	2023-08-29	SA118894		0
	CVE-2023-4578	2023-08-29	2023-08-29	SA118894	2	0
Assessment	CVE-2023-4577	2023-08-29	2023-08-29	SA118763. SA118860, SA118894. SA118869	2	0
	CVE-2023-4576	2023-08-29	2023-08-29	SA118763. SA118860, SA118862, SA118869, SA118932		0
Se Patching	CVE-2023-4575	2023-08-29	2023-08-29	SA118763. SA118860, SA118862, SA118894, SA118919, SA118869, SA118932	*	0
	CVE-2023-4574	2023-08-29	2023-08-29	SA118763. SA118860. SA118862. SA118894. SA118919. SA118869. SA118932		0
	CVE-2023-4573	2023-08-29	2023-08-29	SA118763, SA118860, SA118862, SA118894, SA118919, SA118869, SA118932	÷.	0
Policy Manager 370629	CVE-2023-41362	2023-08-29	2023-09-01	SA118814	7.2 v3	15
	CVE-2023-4572	2023-08-29	2023-09-01	SA118895, SA118911, SA118943	8.8 v3	15
Analytics	CVE-2023-4571	2023-08-29	2023-08-31	SA118938		15
Analytics	CVE-2023-41305	2023-08-28	2023-08-28	<u>\$A118940</u>	-	0
· · · ·	CVE-2023-41296	2023-08-28	2023-08-28	SA118940	8	0
Settings	CVE-2023-41266	2023-08-26	2023-08-30	SA118813		15
	CVE-2023-41265	2023-08-26	2023-08-30	<u>SA118813</u>		15
	CVE-2023-41178	2023-08-24	2023-08-24	SA118946		0

- 2. Click CVE reference link and then click View Vulnerability. A popup appears with the detailed information related to the CVE and associated Advisories.
- 3. Clicking CVE Reference link navigates to the cve.mitre.org website for cybersecurity vulnerabilities information.
- 4. Clicking Secunia Advisory ID (SAID) link to view detailed information related to the Advisory.



Edition • The Policy Manager module is not available for Software Vulnerability Research - Assessment Only.

You can use the **Policy Manager** pages to configure internal Compliance Policy Rules to associate with your account and view the details of breaches to your policies.

Overview

- Policies
- Breaches

Overview

Click a Policy name or Ticket number to view detailed information about the Policy or Ticket.

Click an item in the grid to view policy breaches, view, edit or delete a policy, or click 💶 to create a new policy and specify:

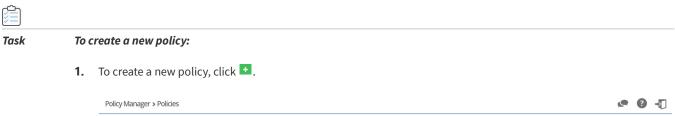
- **Rule Name**—Define a unique name for the Compliance Policy Rule.
- Apply Scope—Define if the rule should apply globally to all users or to a specific user and Watch List.
- Set Policy Rule Criteria (optional)—Define your tolerances for handling advisories based on the Ticket Priorities, Ticket Status, Criticality (Severity Rating), CVSS (Common Vulnerability Scoring System) Base Score and Threat Score. The interval starts from the date when the Advisory was added to the ticketing system.

Note • Set Policy Rule Criteria based on Threat Score (optional) requires purchase of Threat Intelligence Module

Policies

You can use this page to create a new policy and specify the policy rules.

To create a new policy, perform the following steps:



, 0									
Policies Breaches									
Browsing 1 policies i									
Policy Name	Breached	Is disabled	Apply to all users and watch lists	User to apply to	Watch List to apply to	User Group to apply to	Created by	Last Updated	Created
UBS testing pre-policy breach		No	Yes					2020-08-28	2020-08-28
Breaches View Edit Disable Delete									
			H4 4	Page 1 of 1	₩ ₩				

- 2. Add new Policy dialog box appears. Enter a unique name for the Compliance Policy Rule in the Rule Name field.
- 3. Click on the **Apply scope** drop-down and select the following from the list:
 - Apply to all Watch Lists and users
 - Apply only to one user
 - Apply only to one Watch List
 - Apply only to one User Group

To apply a scope for the specif User, Watch List, or User Group then select **Apply only to one user**, **Apply to one Watch List**, or **Apply only to one User Group** respectively.

- 4. The **Set Policy Rule Criteria** fields are optional and you can follow the dialog box instructions to create criteria to specifically fit your requirements.
- 5. Select Enable / Disable Policy Breach Warning Email option and then select the number of days in the Send Policy Breach Warning Email Before field.

If you select this option, then you will be able to send a policy breach warning emails for applicable open or waiting tickets. This warning can be configured for priority based rule of the policy and will enable the ticket assignees to prioritize their tickets. You will be able to configure the number of days before the policy breach, to send such a warning.

Define a unique name for this Compliance Policy Rule.	20 G		
Rule Name	Apply scope		
	Apply scope		•
iet Policy Rule criteria based on 'Priority' (optional)	Low	Interval	day
You can select your tolerance for handling an advisory based on the Priority. The nterval starts from the date when the advisory was added to the ticketing system.	Medium	Interval	day
	High	Interval	day
	Urgent	Interval	day
	Medium	Interval	days
	Low-Medium	Interval	days
	Medium-High	Interval	day
	Medium-High	Interval	day
Enable / Disable Policy Breach Warning Email	7		
Send Policy Breach Warning Email Before days			
et Policy Rule criteria based on 'Solution Status' (optional)	Unknown	Interval	days
fou can select your tolerance based on each type of Solution Status. The interval starts from the date when the advisory was added to the ticketing system.	No Fix	Interval	days

- 6. Click the Save button to begin receiving alerts regarding breaches to the policies you have created.
- 7. Click on any policy in the grid and select Breaches, View, Edit, Disable or Delete.

Note • The email notifications will include SLA days as defined in policy rule criteria for priority. If more than one policy is associated with a newly released advisory, the lowest defined SLA days, will be shown in the email.



Note • The email notifications will include CVSS overall score.

Breaches

The **Breaches** page displays details of active and inactive breaches to the policies you created. Click an item in the grid to view or edit the breach details. Click 4 to export the results to a CSV file.

Policy Manag	ger > Breaches					0 -1
Policies	Breaches					
	es 4488 Inactiv					4
Policy	Ticket	Reason for Breach		Breached Date	Last Updated	Created
1000	1	THE RAFE THE MANY THE AND TO A DATE.		2017-05-05	2017-08-14	2017-05-05
			View Edit			

Chapter 8 Policy Manager

Breaches

9 Analytics

Use the **Analytics** pages to filter data contained in the widgets and to create dynamic reports on Advisories, Tickets, Devices and Products.

The Analytics widgets are dynamic, and you can segment information by clicking the individual chart legends or segments in any widget to alter the data displayed accordingly.

- Advisories
- Tickets
- Devices
- Products
- Reports
- LiveUpdate

Advisories

The Advisories page displays widgets that contain information regarding:

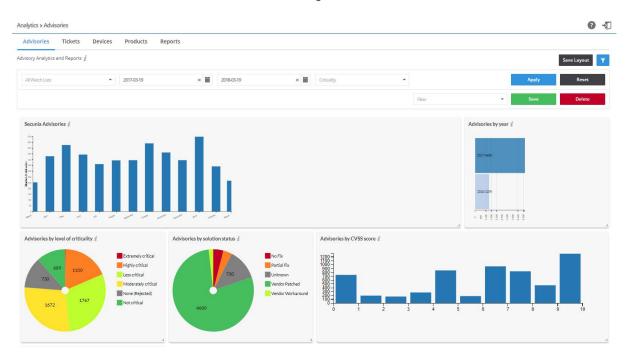
- Secunia Advisories—Displays a month-by-month bar chart of the number of advisories based on your configured Watch Lists.
- Advisories by year—Displays a bar chart of the number of advisories based on your configured Watch Lists.
- Advisories by level of criticality—Displays a color coded pie chart of the criticality levels (Extremely critical, Highly critical, Less critical, Moderately critical, None (Rejected) and Not critical) of advisories based on your configured Watch Lists.
- Advisories by solution status—Displays a color coded pie chart of the solution status (None (Rejected), Partial Fix, Unpatched, Vendor Patched and Vendor Workaround) levels of advisories based on your configured Watch Lists.
- Advisories by attack vector—Displays a color coded pie chart of the attack vector (From local network, From remote, Local system, and None (Rejected)) of advisories based on your configured Watch Lists.

• Advisories by CVSS score—Displays a bar chart of the CVSS score intervals for the Advisories. The intervals follow standard mathematical notation, for example, (3, 4] means strictly greater than 3 and less than or equal to 4. The interval starts from the date when the advisory was added to the ticketing system.

The Analytics widgets are dynamic, and you can segment information by clicking the individual chart legends or segments in any widget - with the exception of Secunia Advisories and Advisories by year - to alter the data displayed in all widgets and the Advisory details grid accordingly.

			Δ
-	-		-
-	-	-	-

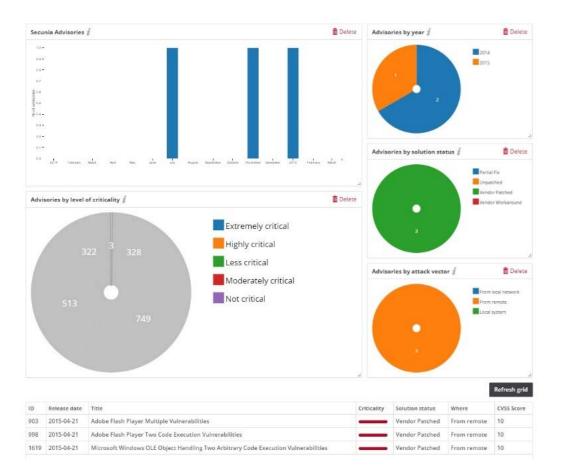
Note • Click the *i* icon to see more information about the widget.



📋 Task

To view analytics for advisories:

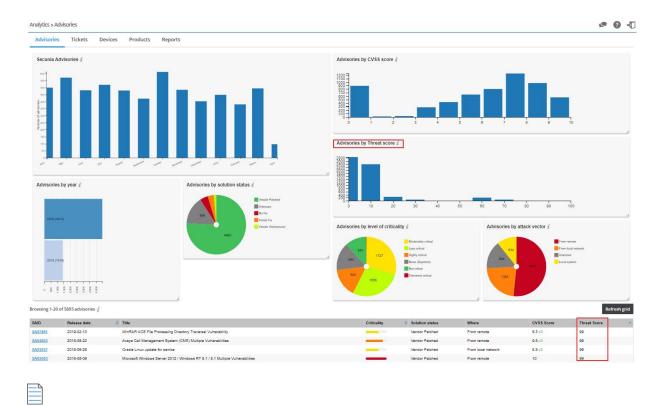
- 1. Open the **Analytics > Advisories** page.
- 2. Click 🔽 to filter the results by Watch List, From and To dates, and Criticality (select from drop-down menu).
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click Save Layout to save the page layout. Adjusting the size of the widgets activates this function.



- **6.** In the example above, clicking the **Extremely critical** legend in the Advisories by level of criticality widget, and then clicking Refresh grid, displays the relevant data.
- 7. Click the legends or segments again to return to the original, unfiltered, information displayed.
- 8. Click a Secunia Advisory ID (SAID) to view the complete Advisory details, including (where applicable) the Creation Date, Criticality (Severity Rating), Zero Day (yes or no), Impact (Consequence), Where (Attack Vector), Solution Status, Secunia CVSS (Common Vulnerability Scoring System), CVE References, Affected operating system and software, Affected watch lists, Related tickets, Advisory Description, Reason for rating, Original advisory references and Changelog. Click Download PDF to save a copy of the advisory.

Advisories by Threat Score

This page displays a bar chart of the number of advisories by threat scores.



Note • Please note the following:

- Advisory by threat score chart and Threat Score column in the grid requires purchase of the Software Vulnerability Research Threat Intelligence module
- To purchase this module, contact your sales representative or contact us online at: https://www.flexera.com/about-us/ contact-us.html
- For more details about the Threat Intelligence Modules, see our datasheet: https://www.flexera.com/media/pdfs/ datasheet-svm-threat-intelligence-module.pdf

Tickets

The Tickets page displays widgets that contain information regarding:

- Ticket performance—Displays a month-by-month bar chart of the performance of ticket handling based on ticket priority.
- Ticket priority—Displays a color coded pie chart of the priority (High, Low, Medium, and Urgent of all tickets.
- Ticket status—Displays a color coded pie chart of the status (Open, Waiting, Handled and Irrelevant) of all tickets.
- Tickets queue—Displays a color coded pie chart of the number of tickets assigned to each queue you created.

The Tickets widgets are dynamic and you can segment information by clicking the individual chart legends or segments in any widget - with the exception of Ticket performance - to alter the data displayed in all widgets and the Ticket details grid accordingly.

Note • Click the *i* icon to see more information about the widget.

Advisories Tickets	Devices Produc	ts Reports							
et Analytics 🧃									Save Layout
From	То	=	Ticket Queues		Status	▼ Watch Lists		SAID	
								Apply	Reset
						Filter	<u></u>	Save	Delete
licket performance 🕯							Ticket queue 🖠		
-				_					Approval
									Default
> 10 weeks (14506)									test
								•	
								4475	
0 2,000	4.000 8.00	00 8,000 10,	000 12,000	14,000					
		Ticket status 🐇							
icket priority 🖞		Ticket status g							
icket priority 💈	High	nexet status g		AtQA					
icket priority 2	= law	Ticket status g		At QA Closed					
2768	Medium			Closed Irrelevant Open					
2768	Low Medium			Closed					

📋 Task

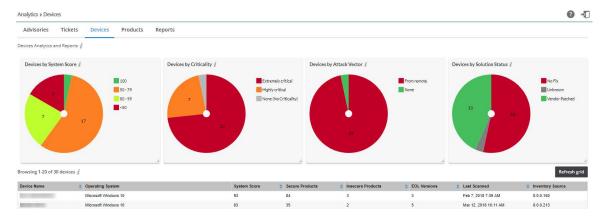
To view analytics for tickets:

- 1. Open the Analytics > Tickets page.
- 2. Click T to filter the results by From and To dates, Ticket Queues, Status, Watch Lists, and SAID.
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click Save Layout to save the page layout. Adjusting the size of the widgets activates this function.

Devices

The Devices page displays widgets that contain information regarding:

- Devices by System Score—Displays a color-coded pie chart for devices grouped by system score.
- Devices by Criticality—Displays a color-coded pie chart for devices grouped by criticality levels.
- Devices by Attack Vector—Displays a color-coded pie chart for devices grouped by attack vector.
- **Devices by Solution Status**—Displays a color-coded pie chart for devices grouped by solution status.



The Devices widgets are dynamic, and you can segment information by clicking the individual chart legends or segments in any widget to alter the data displayed.

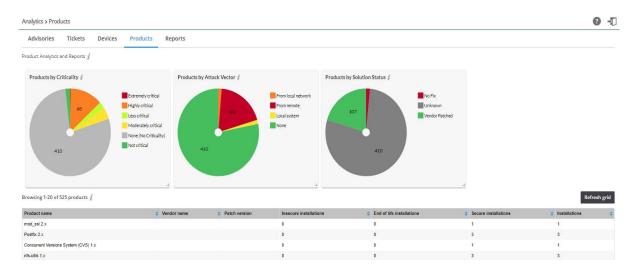
-	
_	_
_	_

Note • Click the *i* icon to see more information about the widget.

Products

The Products page displays widgets that contain information regarding:

- Products by Criticality—Displays a color-coded pie chart for products grouped by criticality levels.
- Products by Attack Vector—Displays a color-coded pie chart for products grouped by attack vector.
- Products by Solution Status—Displays a color-coded pie chart for products grouped by solution status.



The Products widgets are dynamic, and you can segment information by clicking the individual chart legends or segments in any widget to alter the data displayed.



Note • Click the *i* icon to see more information about the widget.

Reports

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You can generate reports based on the current state of all Device Groups, Devices, Products, Watch Lists, Advisories and Tickets. This convenient and powerful feature allows you to schedule reports to run at any time of the day, with any recurrence, and with no user interaction necessary.

The Reports page displays a list of reports that have been configured and scheduled for generation.

Click • and select either Add Research Report or Add Assessment Report to create a new report, or click an existing report in the grid to Edit, View Files or Delete the report. The reports are provided in PDF format and are sent to the assigned recipients based on your configuration.

Task To create a new Research report:

- 1. Click 💶 and select Research Report.
- 2. Specify the Time Frame and Generation Schedule for the report. From the drop-down list, select:
 - **One-Time Report**—Generate only one report for a specific time frame.

Note • When searching for advisories within a specific date period for a One-Time Report, use the year, month, and date format. Example: To view only the July 2018 advisories, use the query **Start Date:** 2018.07.01 and **End Date:** 2018.07.31.

- **Recurring Report**—Generated based on the configured time frame and recurrence schedule.
- 3. Configure the Start Date and End Date for the report.

Time Frame and Generat	tion Schedule					
Specify the time frame / g	eneration schedule for the report, and confi	igure the details using the button to the right.				
One-Time Report - Generat	One-Time Report - Generate only one report for a specific time frame.					
	lso note, the End-Date is taken as 00:00 that	d-Date is in the future the report will be generated on that date, otherwise it will be t day, thus there will be no data occuring on that date. That is, only data prior to the End-				

4. Select the Watch List(s) or Watch List Group(s) from which data will be used for the report from the drop-down list:

Watch Lists					
Specify the watch lists or watch list groups from which data will be used for the report.					
Watch List(s):	All Watch Lists	•	Watch List Group(s):	All Groups	•

5. Select the Relevant Advisories to be included in the report. The time frame configured above will be used for selecting the relevant advisories. You can optionally select an additional time frame to include for comparative purposes. You can select:

- Type of Advisory Statistics (choose from the drop-down list)
- Select Additional Time Frame for Comparison (choose from the drop-down list)

You can choose to include a detailed list of advisories in the report. You can further filter this option by a minimum criticality to refine the output:

- Include Detailed Advisory List
- Only Include Advisories:
 - with a Criticality Rating of: (choose from the drop-down list) or Above
 - with the following Attack Vectors (choose from the drop-down list)
 - with the following Solution Status (choose from the drop-down list)
 - with the following Impact Types (choose from the drop-down list)
- Sort Advisories List by: (choose from the drop-down list)

Relevant Advisories	
	ncluded in the report. The time frame configured above will be used for selecting the relevant advisories. On the right e frame to include for comparative purposes.
Overall Advisory Statistics	•
Select Additional Time Frame for Comp	arison: Year-To-Date 💌
You can also choose to include a detailed Include Detailed Advisory List	ist of advisories in the report. You can further filter this by a minimum criticality to refine the output.
 Only Include Advisories 	
with a Criticality Rating of Show	All • or Above
• with the following Attack Vectors	3 selected
• with the following Solution Status	4selected
• with the following Impact Types	12 selected
Sort Advisories List by: Criticality	•

- 6. Specify the type of Tickets statistics to be included in the report:
 - Type of Tickets Statistics (choose from the drop-down list)
 - Include Action History

You can choose to include the Action History view in the report. Select the option here if desired, as well as the additional optional configuration parameters:

- Include Ticket Comments
- Only Include Tickets:
 - with a Criticality Rating of (choose from the drop-down list) or Above
 - with the following Attack Vectors (choose from the drop-down list)
 - with the following Solution Status (choose from the drop-down list)
 - with the following Impact Types (choose from the drop-down list)

Tickets	
Specify the type of tickets statistics to	be included in the report:
Type of Tickets Statistics	-
 Include Action History Include Ticket Comments Only Include Tickets: 	tus 4 selected

7. Select the User Groups to receive the generated report form the drop-down list.

Re	cipient List	
You	u must select at least one recipient for the generated report.	
S	elect User Group	-

8. Specify the **General Configuration Options** (PDF File name, Report Title, and Generate CSV advisory data) for the generated report:

General Confi	guration Options	
2	specify a custom output file nan name for the PDF report file ge	0 1
Here you can s	pecify a custom title for the fro ort title.	nt page of the report.
Report Title:	Custom Report	
🔲 Generate (SV advisory data	

9. Click **Save**. Once saved, you and the specified recipients will begin to receive notifications and reports based on your configuration.

LiveUpdate

As in our previous LiveUpdate capability, Software Vulnerability Research natively accounts for new vulnerability data based on existing scan data. After you have scanned your system, the scanned data is stored in Software Vulnerability Research's database. LiveUpdate automatically runs in the background to identify any new advisories that have come in since you last scanned your system. As soon as new vulnerabilities are added to the Secunia Vulnerability Research Database, LiveUpdate will reference your latest scan results against it. As a result, you'll find out immediately if you're affected without having to run another scan. *Important* • *LiveUpdate is limited to your current scanning filters for devices and products.*



Ticket Manager

The Ticket Manager page lists all issued tickets. Use this page to:

- View and Change Tickets Status and Priority
- Create Tickets in Ticket Manager
- Delete Tickets in Ticket Manager
- Default Ticket Statuses in Ticket Manager

View and Change Tickets Status and Priority

The following is a view of Change Tickets status and priority.

n ticket	rs 746 Wai	ting tickets 42 Handled tickets 53 h	velevant tickets					
	20 of 347 ticke						Y 🕂 🔺	Action
)		From	То	Queue	Ŧ	Priority	✓ Assigned user	
							Apply Res	iet
						Filter	✓ Save Deleter	ete
	ld	Ticket created	Ticket type	Queue	Status	Priority	Assigned to	
	350	2018-06-04	Advisory	Readers	Open	High		
	349	2018-06-04	Advisory	Patches	Open	High		

To view and change ticket status and ticket priority, perform the following steps.

Task

To view and change ticket status and ticket priority:

- 1. Open the Ticket Manager page.
- 2. To filter the results by ticket status, select one of the bold ticket statuses in the upper-left-hand corner followed by a ticket count. The default ticket statuses are **Open**, **Waiting**, **Handled**, and **Irrelevant**.
- 3. Click I to filter the results by ID, From and To dates, Queue, Priority, and Assigned User.

- 4. Click the Apply or Reset buttons to apply or reset the filters.
- 5. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 6. To view one ticket, click the appropriate ticket check box in the grid to View, Edit, or Delete the ticket. To view multiple tickets, click the appropriate ticket check boxes in the grid and select an option from the Actions drop-down menu such as Delete multiple tickets (see Delete Tickets in Ticket Manager) or Edit multiple tickets.
- 7. Click 🗳 to export tickets to a CSV file.
- 8. Click 🍱 to Create Tickets in Ticket Manager.

Create Tickets in Ticket Manager

To create Tickets in Ticket Manager, perform the following steps.

📋 Task

To create tickets in Ticket Manager:

- 1. Open the Ticket Manager page.
- 2. Click 🎫 to create a ticket.

Create ticket	×
Advisory	
Q Search by SAID or title	
Status	
Open	-
Priority	
Low	-
Queue	
Default	-
Assigned to	
Assigned to	-
Add comment	
-Add comment	
Cancel Save	

- **3.** From the **Status** drop-down list, select the appropriate status. The default ticket statuses are **Open**, **Handled**, **Closed**, or **Irrelevant**. See Default Ticket Statuses in Ticket Manager for more information.
- 4. From the **Priority** drop-down list, select the appropriate priority. The default ticket priorities are **Low**, **Medium**, **High** or **Urgent**.
- 5. From the **Queue** drop-down list, select a queue to assign the ticket to.
- 6. From the **Assigned to** drop-down list, list, select an individual to assign the ticket to.

- 7. In the Add comment field, add an appropriate comment to the ticket (mandatory).
- 8. Click Save.

Delete Tickets in Ticket Manager

To delete Tickets in Ticket Manager, perform the following steps.

Task To delete tickets in Ticket Manager: 1. Open the Ticket Manager page. 2. Insert a check mark in front of the ticket or tickets to delete. 3. To delete one ticket, select Delete under the listed ticket in the grid.

Ticket Manager					ଡ →
Open tickets 21119 Wai	ting tickets 39 Closed tickets 283 Irrele	vant tickets 10 Pending deployment tick	ets 3 At QA tickets 2		
Browsing 1-20 of 21456 tick	ets į				🔻 🕂 🛨 Actions -
ID	From	То	Queue	• Priority	▼ Assigned user ▼
					Apply Reset
				Filter	- Save Delete
ld	Ticket created	Queue	\$ Status	Priority	Assigned to
21715	2018-05-29	Default	Open	Medium	100
			View Edit Delete		

4. To delete multiple tickets, select **Delete multiple tickets** from the **Actions** drop-down menu.

Ticket Mar	nager						₿ -1
		tickets 39 Closed tickets 283 Irrelevant tickets	s 10 Pending deployment tickets 🛐 At	QA tickets 💈			
Browsing 1-	20 of 21457 tickets	² h					+ ± Actions ▲
	Id	Ticket created	Queue	Status	Priority	Assigned to	Edit multiple tickets
	21716	2018-05-29	Default	Open	Medium	(The second s	Delete multiple tickets
2	21715	2018-05-29	Default	Open	Medium		Ŭ

5. When the "Are you sure you want to delete these tickets" pop-up window appears, click Yes.



Default Ticket Statuses in Ticket Manager

The default ticket statuses are used to run and display reports. While you are free to configure the ticket statuses, priorities and queues as you see fit, Flexera needs to know your equivalent "open" statuses to be able to correctly report the statistics.

The following are the default ticket statuses:

Table 10-1 • Default Ticket Statuses

Status	Description
Open Tickets	An Open Ticket is one for which no action has yet been triggered.
Waiting Tickets	A ticket is marked as Waiting when it has been decided that an action needs to be taken at a later stage.
Handled Tickets	A ticket is considered Handled when the appropriate action has been taken.
Irrelevant Tickets	A ticket is considered Irrelevant when it has been closed and is no longer considered of importance to you.



The Settings pages allow the main Administrator account holder to create and manage other accounts.

Note • Administrators can access the **Settings** pages, and any changes made will effect all users. Depending on the rights given to a User Group, some users may also have access to some of the Settings pages.

Use the **Settings** pages to:

- View details of your Account License Status, Account Options and Security Policy
- Perform User Management tasks
- Configure SSO Settings
- View, create and add Vulnerability Management for Watch List Groups and subscriptions, Ticket queues, statuses and priorities
- Create and edit Workflow Management Rules, Ticket Queues, Ticket Status and Ticket Priorities.
- View the API Access token generation page.
- View Logs for tracking details of all activities taken by users related to your account.

Account

Use the Account pages to view your license information, manage your Account options, and edit your security policies.

- License Status
- Account Options
- Security Policy

License Status

Use the **License Status** page to view your license information, including the expiration date, the modules that you are entitled to use according to your subscription, detailed license attributes, and the number of licenses available, which is tracked as the number of used users.

Account Options

Use the **Account Options** page to edit your account settings and manage settings that apply to all users, for example, show or hide rejected advisories.

Settings > Accou	count > Account Options 📀 🚽							
Account 🗸	User Management 👻	Vulnerability Management 👻	Workflow Management 👻	Assessment 🗸	API 👻	Logs 🗸		
Edit your account	t settings 🧃							
Rejected advisories visibility (default hidden):		Show rejected advisories	•					
Save								

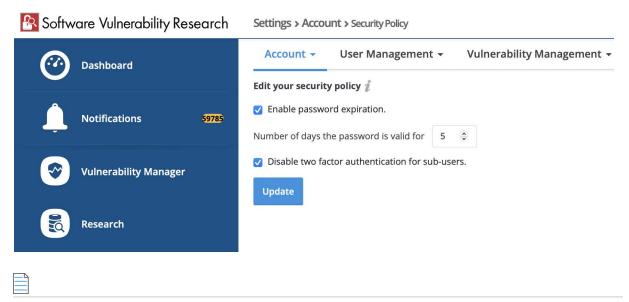
Security Policy

In the Security Policy page, you can edit the security policies.

The **Enable Password Expiration** option allows you to activate password expiration for user accounts. If you select this option, passwords will automatically expire after a specified period, requiring users to update their passwords regularly. By default, this option is unselected.

The **Number of days the Password is valid for** option populates only when **Enable Password Expiration** option is selected. You can specify the number of days by entering the desired value directly or by adjusting the value using the up and down arrows. Once the specified number of days has passed, the password will expire, and the user will be prompted to create a new password.

The **Disable Two-Factor Authentication for Sub-Users** option allows you to turn off the two-factor authentication requirement for sub-user accounts. When you select this option, sub-users can log in using only their username and password without needing an additional verification step, such as a code sent to their phone or email. If you unselect this option, Two-Factor Authentication can make the login process. By default, this option is unselected.



Note • Two factor authentication is considered as a best practice for the application.

User Management

The **User Management** pages display the Users, User Groups, and Roles associated with your account. You can create active Users up to the license limit of your account.

- Users
- User Groups
- Roles
- SSO Settings

Users

The **Users** page displays the users associated with your account and, if applicable, the User Groups the user belongs to. Click • and enter the required information to add a new user.

Account -	•	User Mana	gement +	Vulnerability Ma	anagement 👻	Workflow Management +	Ass	essment	 API - Logs -
Prowsing 1-20) of 2	8 users 🧃							Q Search by username or email address
Username	•	First Name	Last Name	Job Title	Email Address	•	Active	Blocked	Groups
		Management of the local division of the loca	And and a second se				Yes	No	Administrators

A valid email address is required for creating a new user. After a user is created, we will send an email to their email address. After clicking the link in the email, the user will be able to set the password for the account. After successfully registering the a account, the user can then log on. Only active users are counted with regards to enforcing the user count. If the user has reached their user count limit, they can disable an unused user to recover a license and create another user.

In addition, if an account has for example five licenses and five active users, the user can create the sixth user. The additional user will be disabled by default when created, and the user will not be able to activate their account until the account manager handles the license issue.

Click 🔤 to download a CSV file containing details of all Users associated with your account.

Click a Username in the list and select Edit, Reset two factor login, Disable, or Delete.



Note • Depending on the user profile, the Reset two factor login option may not be available.

Blocked Users

When user enters a wrong credentials for **seven** times during login to the Software Vulnerability Research application, their credentials will get blocked.

To unblock the blocked users, follow the below steps:

/ Task

To unblock blocked users:

- Locate the list of user account details in Settings > User Management > Users. In the Blocked column, Yes will be marked for the respective users.
- 2. Select the user details and click **Unblock** button.
- 3. Now in the **Blocked** column, **Yes** will be changed to **No**.

Account -	User Managem	ent - Vulne	rability Management 👻	Workflow Management • Assessment •	API + Logs +		
rowsing 1-20 of	34 users <i>į</i>			Q s	earch by usemanne or en	all address	
Username	 First Name 	Last Name	Job Title	Email Address	Active	Blocked	Groups
defined 3, lead	difficient.	adar.	dev.	abhinari sular - Mggmail com	The	No	
allahan.	Annah	Shiften		Alfahan@fererendficare.com	184	No	Administrators
aread_artly	aveal	anty .	64	heballanusha@pnal.com	10	No	read only for subscribe
hates	Asta	Jappendianet.	St. Guality Analysi	appropriate and give respectively con-	188	No	Administrators, advisory reader
enter	ARTINE	Sular	Serior Developer	autar@fearanthran.com	Vez	No	Administrators, Advisory Approve Managers, advisory manage
andar_qa	stituet	adar	dev.	and an ghover a com	-	No	Administrators
Diaty	Ref.	Kety	PM .	Eliaty@ferera.com	188	No	Administrators
(impact)	Duma	Harpach	Tech 11/dec	deargab@fearachas.com	188	Yes	Administrators
				Edit Disable Unbloc	k Delete		

Note • Only an Admin user can unblock the blocked users

User Groups

Users can be grouped into User Groups, and different user profiles can be assigned to the different User Groups. It is also possible to share data between User Groups for easier collaboration within your organization. There is no limit to the number of User Groups that can be created.

0	<u> </u>		
Account - U	ser Management 👻 🕔	/ulnerability Management 👻	Workflow Management 👻
Browsing 1-20 of 49 gr	oups i		
Name 💠	Description	Roles	
Administrators	Have full power over the account and users.	Super Administrator	
Advisory Approve Managers	Can approve advisories before being assigned to ticketing system	Advisory Manager	
advisory manager	can approve advisry before assigned to to ticket	Advisory Manager	
advisoryManager_group	advisoryManager group	Advisory Manager	
advisory pdf	can read advisory pdf attachments	Advisory PDF attachments	
advisory reader	can read advisory	Advisory Reader	
Advisory Reader Only	Testing	Advisory Reader	
ALL Role_Group	ALL Role Test	Advisory Manager, Analytics Manager, As Manager, Scan Manager, Ticket Manager	

Settings > User Management > User Groups

The **User Groups** page displays the User Group Name, Description, Roles and Users associated with the group. Click **•** and enter the required information to add a new Group. You can select the role or roles to apply to the group from the drop-down list.

User groups can be linked to one or several predefined User profiles for access control.

Click a User Group in the grid to **Edit** or **Delete** the User Group or Users to add or delete users to/from the User Group.

Roles

The Roles page displays details of the available User Group Roles. Roles are predefined and cannot be changed.

			_
-	-	-	-

Note • Administrator and API User Management users can access complete data of the API.

oftware Vulnerability Research	Settings > User Management > Roles		e 0
Dashboard	Account + User Management + Vulnerabil Browsing 21-38 of 38 roles i	ity Management + Workflow Management + Assessment + API + Logs +	
Notifications (6372	Name	Description	
	Product Database Reader	Can query products/vendors database	
	Receive all advisories	Can create watch lists that contain all supported products, resulting in receiving all advisories released	
😵 Vulnerability Manager	Rejected Advisories	Can view rejected advisories	
	Scan Manager	Can manage scan profiles and settings	
Research	SCIM	Has access to the System Center Import Module feature	
Research	Super Administrator	Has superpowers over the entire account, including all users data.	
	Ticket Manager	Can edit tickets statuses, addichange ticket queues.	
Assessment	Ticket Reader	Can read tickets information	
	Ticket User	Can edit tickets	
6.	User Manager	Can add/change/remove users.	
Patching	Watch List Manager	Can create/edit/clone Watch Lists.	
	Watch List Manager Local	Can create/edit/clone Watch Lists for own user group.	
Policy Manager 591517	Watch List Reader	Can view shared Watch Lists, but can't create/edit/clone one.	
	Watch List Subscription Manager	Can enforce subscription Watch Lists for all user groups.	
	Watch List Subscription Manager Local	Can enforce subscription Watch Lists for own user groups.	
Analytics	Workflow Manager	Can create/edit/view all Workflow Rules.	
	XML Emails	Can receive XML emails	
Ticket Manager	XML Feeds	Can see XML feeds	
Settings		20 🔺 🚧 Page 2 of 2 🤲 🚧	
User Profile	© 2015 - 2025 Flexera. All rights reserved. Terms and Conditions Data	Privacy	flexera

SSO Settings

On the Settings > User Management tab, you can specify SSO Settings.

IDP Configuration Instructions

Under SSO Settings on the Settings > User Management tab, you can specify the following IDP Configuration Instructions settings.

Table 11-1 • SSO Settings / IDP Configuration Instructions

Setting	Description
Single Sign On URL	This field lists the application's single sign-on URL. You will need to enter this URL into the settings for your chosen Identity Provider.
Account Key	Set this field in your Identity Provider (IdP) as a SAML attribute named accountKey.
Generate and Show Key	Click to generate and display the Account Key.
	Note • This key is not stored on the SVR server. Make sure that you keep it in a safe place. If you lose it, you may regenerate the key, but doing so will invalidate the old key.
Service Provider Metadata URL	Lists the Service Provider Metadata URL.

Service Provider Configuration

Under SSO Settings on the Settings > User Management tab, you can specify the following Service Provider Configuration settings.

Table 11-2 • SSO Settings / Service Provider Configuration

Setting	Description
SSO Enabled	Select this option to enable Single Sign-On.
Disable standard login	If you are using Single Sign-On at your organization, select this option to disable standard login options for all of your users (except root).
Upload IDP Metadata XML file	to prevent user lockout. Select this option if you want to upload the IDP metadata XML file.
Provide IDP Metadata URL	Select this option if you want to enter the identity provider metadata URL into the IDP Metadata URL field.

Table 11-2 • SSO Settings / Service Provider Configuration

Setting	Description
Automatically create new users	Select this option to automatically create new users.
Default groups for new users	Specify the default group for new users.

Note • For more information on Single Sign-On, see Configuring Single Sign-On (SSO).

Vulnerability Management

The Vulnerability Management pages display the settings for Watch List Groups and Watch List Subscriptions.

- Watch List Groups
- Watch List Subscriptions

Watch List Groups

Use **Watch List Groups** to group Watch Lists, for example All XYZ Products, together. Click 💶 to create a new Watch List Group or click a Watch List Group in the grid to edit or delete the group.

Watch List Subscriptions

This page displays the Watch Lists Subscription details including Watch List, Watch List Owner, Subscriber, Enforced by admin, Email Notification level and SMS notification level.

Admin user can add, edit or delete subscriptions to the created watch list.

📋 Task

Add Subscription to Watch List

- 1. Open the Settings > Vulnerability Management > Watch List Subscriptions page.
- 2. To add a new subscription, Click 💶. The Add subscription tab opens.

\bigcirc	Account - U	ser Management 👻	Vulnerability Management *	Workflow N	lanagement + Assessr	ment 👻 API 👻 Logs 👻		
ashboard	Browsing 1-20 of 97 w	atch list subscriptions 🧃				E		
4151	Watch List Name	Watch List Owner	Add subscription	×	Email notification level	SMS notification level		
÷	15march	PDhillon3			None	None		
ifications	15march	PDhillon3	Watch List		Not Critical and Above	None		
0	2prod	PDhillon3	Watch List	-	None	None		
	2 prodssss1234	PDhillon3			Rejected and Above	Extremely Critical		
erability	2 prodssssssss	PDhillon3	Subscriber		Rejected and Above	Extremely Critical		
nager	2v1pv	PDhillon3	Subscriber	*	Extremely Critical	Extremely Critical		
	2v1pv	PDhillon3	Email notification level		Extremely Critical	Extremely Critical		
	2v1pv	PDhillon3	Email notification level		Extremely Critical	Extremely Critical		
search	2v1pv	PDhillon3	Not Critical and Above	*	Extremely Critical	Extremely Critical		
	2v1pv	PDhillon3	SMS notification level		Extremely Critical	Extremely Critical		
æ	2v1pv	PDhillon3			Extremely Critical	Extremely Critical		
essment	2v1pv	PDhillon3	None	*	Extremely Critical	Extremely Critical		
1	2v1pv	PDhillon3			Extremely Critical	Extremely Critical		
2	2v1pv	PDhillon3		-	Extremely Critical	Extremely Critical		
	2v1pv	PDhillon3	Cancel	ave	Extremely Critical	Extremely Critical		
¥.	2v1pv	PDhillon3	sgoun res	_	Extremely Critical	Extremely Critical		
ttings	2v1pv	PDhillon3	BKelly Yes		Extremely Critical	Extremely Critical		

- 3. Watch List created as shown in Create Watch Lists will appear in the Watch List drop down, Select the watch list.
- 4. Add a required user from the **Subscriber** drop down.
- 5. Select any of the below Email notification level from the drop down based on the requirement
 - Extremely Critical
 - Highly Critical and Above
 - Moderately Critical and Above
 - Less Critical and Above
 - Not Critical and Above
 - Rejected and Above
 - None
- 6. Select any of the below SMS notification level from the drop down based on the requirement:
 - Extremely Critical
 - Highly Critical and Above
 - Moderately Critical and Above
 - Less Critical and Above
 - Not Critical and Above
 - Rejected and Above
 - None
- 7. Click **Save** to add the subscription to the watch list.

- 8. List of added subscriptions will appear in the **Settings > Vulnerability Management > Watch List Subscriptions,** Admin user can edit or delete any existing subscription from the list.
- 9. Select the required subscription from the list, you can see the **Edit** and **Delete** button.

Software Vulnerability R	esearch	Settings > Vulnerability Mar	nagement > Watch List Subscriptions				e 0 -
Dashboard		Account - User Mai	nagement - Vulnerability Management -	Workflow Manage	ment - Assessment - API -	Logs -	
		Browsing 1-20 of 97 watch list s	subscriptions i				+
Notifications	655	Watch List Name	Watch List Owner	Subscriber	Enforced by admin	Email notification level	SMS notification level
		15march	PDhilon3	asutar	No	None	None
Vulnerability Manager					Edit Delete		
<u> </u>		15march	PDhilon3	PDhillon3	Yes	Not Critical and Above	None
		2prod	PDhilon3	Ashaj	No	None	None
Research		2 prodeses 1234	PDhilon3	Asha	No	Rejected and Above	Extremely Critical
		2 prodssessess	PDhillon3	Ashaj	No	Rejected and Above	Extremely Critical
Assessment		2v1pv	PDhillon3	Ashaj	No	Extremely Critical	Extremely Critical
Assessment		2v1pv	PDhillon3	SVMTestRoot	Yes	Extremely Critical	Extremely Critical
		2v1pv	PDhillon3	mmarino	Yes	Extremely Critical	Extremely Critical
Patching		2v1pv	PDhilon3	LMalliu	Yes	Extremely Critical	Extremely Critical

- **10.** Click **Delete** button to delete the selected subscription from the list.
- **11.** Click **Edit** button to edit the **Subscriber**, **Email notification level** and **SMS notification level** of the selected subscription.

٦

Subscriber		
BKelly		•
Email notification level		
None		*
SMS notification level		
None		*
Cancel	Save	

Note • You can subscribe a user only once to the Watch List

Workflow Management

Workflow Management allows you to set up detailed workflows that align with processes already in use within your organization. There is no limit to the number of Workflows that can be created.

Use the Workflow Management pages to create and edit Rules, Ticket Queues, Ticket Status and Ticket Priorities.

Rules

r

- Ticket Queues
- Ticket Status
- Ticket Priorities

Rules

Rules can partially or fully automate workflow. They can only be created by an Administrator and must contain at a minimum one trigger and one action. For a list of rule triggers and actions, see Rule Channels, Triggers, and Actions. If needed, you can configure many different options into one rule.

Account 👻	User Management 👻	Vulnerat	oility Mana	gement 👻	Work	cflow Manag	gement 👻	Asses	sment 👻	API 👻	Logs 👻		
owsing 1-5 of 1	6 rules 🦸								Q	Search by ke	yword		+ Rese
Approve advi	isories notification 🦸											Ø €	dit 💼 Delete
	Advisory released for a Watch List with approval flow.	Â	Notify	+	\sim	Email							
Create ticket	s 🦸											Ø ₽	dit 💼 Delete
	Advisory released for a Watch List	<u>.</u>	Create ticket	+	<u>.</u>	Change ticket assignment	+	<u></u>	Notify	+	\sim	E	

To create a rule, see Create a Workflow Rule - Overview.

Workflow Rules can be created for many tasks. You can customize your workflow rule or use one of the Software Vulnerability Research Default Workflow Rule Examples.

The Rule channels, their associated triggers, and available actions are shown in the following table.

Table 11-3 • Rule Channels,	, Triggers,	and Actions
-----------------------------	-------------	-------------

Channel
Advisory

Table 11-3 • Rule Channels, Triggers, and Actions (cont.)

Channel	Trigger	Action
Advisory (continued)	 Advisory Threat for Watch List changed Any Watch List or select a Watch List from the drop-down list Any Watch List Group or select a Watch List Group from the drop-down list Select Advisory Condition or select a Advisory Condition from the drop down list Skip trigger if score decreases (Select Yes or No from the drop down list) 	
Analytics	• PDF Report Generated	 Email PDF report Email SMS Notify
Policy	Policy Breached	EmailSMSNotify
Release Notes	New Release arrived	• Email
Ticketing	 Ticket assigned to me Ticket changed Changed by me (select Yes or No from the drop-down list) Ticket created Ticket priority changed Ticket queue changed Ticket status changed 	 Email SMS Notify Create ticket Change ticket status Change ticket queue Change ticket assignment

Channel	Trigger	Action
User	Password changed	• Email
	• User (select from the drop-down list)	• SMS
	User Logged in	Notify
	• User (select from the drop-down list)	

Note • The available actions will vary depending on the channel and trigger you select.

Default Workflow Rule Examples

~

Software Vulnerability Research includes several Default Workflow Rules:

- Create a Workflow Rule to Send an Advisory and Ticket Information After Approval
- Create a Workflow Rule to Create a Patching Ticket
- Create a Workflow Rule to Send a New Release Notes Notification to Non-Administrators

Create a Workflow Rule to Send an Advisory and Ticket Information After Approval

Workflow Rules can be created for many tasks. For example, the Workflow Rule below can be used when Flexera issues an advisory for a Watch List that requires management approval and the communication of management's approval and ticket information to all Watch List users using email, PDF attachments, and SMS.

<u>*</u>		
Task	Cre	ate a Workflow Rule to send an advisory and ticket information after approval
	1.	Follow steps 1-3 from the task Create a Workflow Rule.
	2.	From the drop-down Rule Trigger List:
		Select Advisory from the Channel list
		• Select Advisory released for a Watch List from the Trigger list
		Enter the appropriate Watch List and Watch List Group information
		Select Advisory Condition
		Click Save
	3.	For actions, select Create Ticket and Send email. When an advisory is released, a ticket is created and The Watch Lis

 For actions, select Create Ticket and Send email. When an advisory is released, a ticket is created and The Watch List Group users will receive an email with the ticket information and the Advisory as a PDF attachment. See the following screen shot for details.

Settings > Wor	kflow Management > Rules										0 -
Account +	User Management 👻	Vulnerability Management +	Workflow Management +	Assessment -	API 👻	Logs -					
Frowsing 2 rules	i			Q,							× + Rese
SVM-300 Adv	visory created 🧃										🧭 Edit 🧴 Delete
	Advisory released for a Watch List.	Create +	Change ticket +	Notify	+	\sim	Email	+	SH5	SMS	>
Choose Rule Trig	gger			ge 1 of 1 🍽	ж						
Advisory			*.		_						
Advisory for Wat	tch List changed		~								
Any Watch List			•								
Any Watch List G	Sroup .		-								
Select Advisory Ci	ondition *		× +								
Advisory Title c		Save									
Advisory Critica Advisory Where		Cancel									
Advisory Soluti											
Advisory Zero E Advisory CVE(s)											
Advisory CVE(s)											
Advisory Threa	at Score										
Advisory Initial	27215.495.495.495.2000.504.50										
Advisory Curre	ent Release Date 🔍										

Note • Customized workflow rules for Watch Lists take precedence over non-customized workflow rules using the following hierarchy from most important to least important:

- Rule for a specified watch list
- Rule for a watch list group
- General rule with no watch list or watch group

For example, if a watch list is in a customized workflow rule with a watch list selected and in a rule with a watch group selected, only the rule specified for the watch list will execute.

However, when you have two identical customized workflow rules that affect the same watch list or the same watch list group, the system will not know which rule takes precedence. Therefore, neither customized workflow rule will execute.

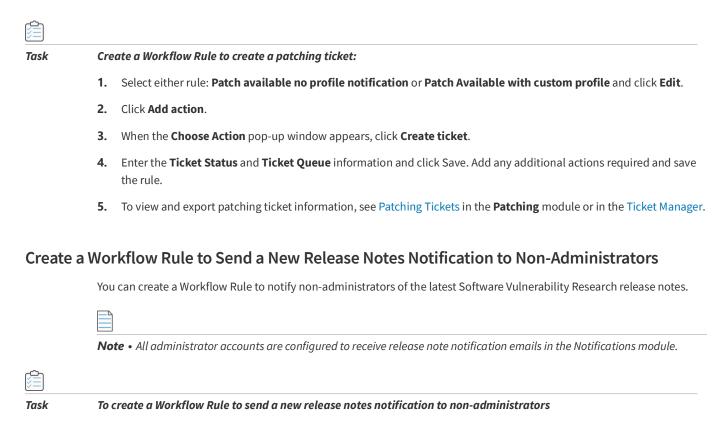


Note • The PDF attachment option is set at the user level. Any user wishing to receive PDF advisory information needs to select this option from the **User Profile** page. Under **Personal settings** ensure the following options have been enabled: **Receive normal emails** for Advisory type email and **Yes** for Attach advisory PDF. See the screen shot below for details.

	Personal settings	
	Advisory type email (default normal item):	Receive normal emails -
	Attach advisory PDF (default no): Yes	•
Settings	Cancel Save	
User Profile	© 2015 – 2018 Flexera. All rights reserved. <u>Terms an</u>	d Conditions Data Privacy

Create a Workflow Rule to Create a Patching Ticket

You can create a Workflow Rule to create a ticket for when a new patch is available.



- 1. Select New release notes rule.
- 2. Enter the appropriate users to Notify.
- 3. Click Email.

Ticket Queues

This page displays the Ticket Queue details.

Settings > Workf	low Management > Ticket	Queues					₽ -₹
Account 🗸	User Management 👻	Vulnerability Management 👻	Workflow Management 👻	Assessment -	API 👻	Logs 👻	
Browsing 3 queues	i i						+
Queue		Visible by all users			User Groups	3	
Default		Yes					
				Edit Del	ete		
Approval		No			Advisory App	rove Managers	
Test		No					
			k	H H Page 1	of 1 🕨 🔛		

Ticket Queues can be used for sharing and limiting access to tickets for users. You can create ticket queues that are relevant to a limited subset of your users (for instance only for Linux administrators or for Windows administrators) and use Rules to create tickets from special Watch Lists directly on those ticket queues.

Click a queue in the list to edit or delete the queue or click 🚹 to add a new ticket queue.

Ticket Status

This page displays the **Ticket Status** values.

Jettings 2 Work	flow Management > Ticket S	natus						- 3
Account +	User Management 👻	Vulnerability Management 👻	Workflow Management 👻	Assessment 👻	API 👻	Logs 👻		
irowsing 4 status	es į							+
Status		Default ticket status					Number of tickets	
Open		Open					4699	
Waiting		Waiting					1	
Handled		Handled					0	
Irrelevant		Irrelevant					0	
			E. C.	K K Page 1 c	1 23 23			

Click 💶 to add a ticket status. The default values are:

- Open
- Waiting
- Handled
- Irrelevant

You can click any ticket status that you have added to edit it or delete statuses that do not have tickets assigned.

Ticket Priorities

This page displays the **Ticket Priority** values.

Settings > Work	flow Management > Ticket P	riorities						?	-য
Account +	User Management 👻	Vulnerability Management 👻	Workflow Management 👻	Assessment 👻	API 👻	Logs 👻			
Frowsing 4 priorit	ties 🦸								+
Priority		Default ticket priority					Number of tickets		
Low		Low					2331		
Medium		Medium					1344		
High		High					1000		
Urgent		Urgent					25		
			E	📢 📢 Page 1 o	1 I I I I I I I I I I I I I I I I I I I				

Click 💶 to add a ticket priority. The default values are:

- Low
- Medium
- High
- Urgent

You can click any Ticket Priority that you have added to edit or delete priorities that do not have tickets assigned.

API

Use the API page to view your API Access token generation page, XML Feeds, and Service Providers.

XML feed shows advisory information for tickets created. If no tickets are created, no advisory information will appear in the XML feed. XML feed is not connected to **Historic Advisories** in the **Vulnerability Manager** module.

To access the Software Vulnerability Research APIs, see https://api.app.flexerasoftware.com/api/. For additional API information, see the Software Vulnerability Research API Help Library:

https://docs.flexera.com/svr/api/Default.htm



Note • Access to the SVR API documentation portal is available through the same Single Sign-On (SSO) credentials and authentication method used by the SVR platform. The only way SSO users can log in to API documentation portal is to log in to the web application and then come back to the API documentation portal.

Service Providers shows the details of the service providers. For more information, see Service Providers.

Service Providers

Use this page to view, Add, configure and edit the ServiceNow and BMC Remedy for the Service Provider.

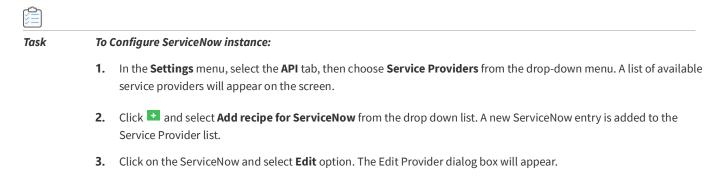
Dashboard		Account 👻 User Mana	agement - Vulnerabi	ility Management - Workflow	Management - Asse	ssment - API -	Logs 🕶	
2		Browsing 9 providers 🦸						
Notifications	1465	Name	Туре	Uri			Protocol Type	Authentication Type
		Contraction and Co	Custom				REST	Basic authentication
Vulnerability Man	ager	Collection rates	Custom	View methods View en	tities Test Edit	Delete	SOAP	Basic authentication
				20 🔺 🔣 📢				
Research								
Assessment								
Assessment								
Patching								
	2554)							
Patching Policy Manager	22654)							
Patching	225343)							
Patching Policy Manager	22654)							

This section includes the following topics:

- Configure ServiceNow Instance for Service Provider
- Create Service Method for Service Providers

Configure ServiceNow Instance for Service Provider

Use this page to configure ServiceNow instance for the Service Providers.



4. The Edit Provider dialog box includes the following properties:

Property	Description				
Туре	Choose the required Type from the drop down list. By default ServiceNow will be selected.				
	• Custom				
	ServiceNow				
	BMC Remedy				
Name	Enter the required name for the selected type. By default, ServiceNow will be selected name.				
Url	Enter a valid ServiceNow instance URL.				
Protocol Type	Choose the required Protocol type from the drop down list.				
	• REST				
	• SOAP				
Authentication	Choose one of the following Authentication type:				
type	• None—If no authentication, then leave this property as none.				
	• Basic authentication — Enter the appropriate Username and Password.				

- 5. After modifying the above details as needed, click the **Save** button.
- 6. Upon saving, the modified details will be updated.

Create Service Method for Service Providers

Use this page to create a new Service Method for the Service Providers.

Task	То	create a new Service Me	thod:				
	1.	In the Settings menu, service providers will a	select the API tab, then choose Service Providers from the drop-down menu. A list of available appear on the screen.				
	2.	Click on the desired Service Provider and select View methods option.					
	3.	In the Service Method	s page, click the 🔹 icon. The Add service method dialog box will appear.				
	4.	The Add service metho	od dialog box includes the following properties:				
		Property	Description				
		Service Provider	ServiceNow will be selected by default as the Service Provider. This property is non-editable.				

Property	Description
Method	Choose the one of the following Method:
	• GET
	• POST
	• PUT
	• PATCH
	• DELETE
	• HEAD
	OPTIONS
	• TRACE
Content	Enter the valid content.
	Example:
	{"u_id": #\$advisory.id#\$, "u_advisory_identifier": #\$advisory.advisory_identifier#\$}

- 5. After entering the above details, click the **Save** button.
- **6.** Upon saving, the new Service Method will be added.

Logs

Use the **Logs** pages to track details of all activities taken by users related to your account, such as:

- Logins
- Tickets
- Watch Lists
- Email Logs
- SMS Logs
- Service Calls

Logins

The Logins page displays the Date, User, IP Address and User Agent details for all successful logins.

Click **I** to filter the results displayed by **User** and **From** and **To** dates

Click 🛃 to export Logins to a CSV file.

Tickets

The **Tickets** page displays the **Date**, **Ticket**, **Change Type**, **Change Description** and **User** details for all ticket changes related to your account.

Click 🔽 to filter the results displayed by **User**, **Ticket ID** and **From** and **To** dates.

Click 🖪 to export Tickets to a CSV file.

Watch Lists

The Watch Lists page displays the Date, Watch List, Change Type, Change Description and User for all Watch List changes related to your account.

Click 🔽 to filter the results displayed by **User**, Watch List, and **From** and **To** dates.

Click a Watch List name to view the details of the Watch List.

Click 🗳 to export Watch Lists to a CSV file.

Email Logs

The **Email Logs** page displays the history of sent emails including Date, User, Email Category, Email Address, Status, and Subject.

Click **I** to filter the results displayed by **User** and **From** and **To** dates.

Click 📕 to export Email Logs to a CSV file.

SMS Logs

The **SMS Logs** page displays the history of sent SMS, including Date, User, SMS Category, Phone Number, Status, and Message.

Click **T** to filter the results displayed by **User** and **From** and **To** dates.

Click 🖪 to export SMS Logs to a CSV file.

Service Calls

If service calls were made, the **Service Calls** page displays the history of changes, including **Date**, **Provider**, **URL**, **Method**, **Ref_object_id**, **Status code**, **Our entity**, and **Call status**.

Click C to resend failed service calls.

Click **t** to filter the results displayed by **From** and **To** dates.

Click Local Click



User Profile

Use the **User Profile** page to view and edit your account information, including your password, personal details, preferences, security settings, and personal settings.

After saving your phone number, you need to validate your phone number. Otherwise you will not receive SMS notifications for the advisories.

If you change your email address, you need to validate your email address immediately after. Otherwise you will not receive an email notification.

User Profil	e		0 -1
Username:			
<u>Change Pas</u>	sword		
Personal De	etails		
Title:	•		
First Name	:		
Last Name:	Margari		
Email:		Change Email	
Phone Num	nber:		
Country:	United States	. T	
Preference	s		
Language:	English	×	
Timezone:	America/Chicago		
Security Se	ttings		
Two-factor	authentication: Enabled		
Two-factor	authentication using SM	15:	
Two-factor	authentication using to	ken:	
Personal se	ettings		
Advisory ty	rpe email (default norma	il item): Select	Ŧ
Attach advi	isory PDF (default no):	Select.	
Edit			
		Terms and Conditions Data Privacy	FLEXera





About Secunia Advisories

This section includes the following articles:

- CVSS (Common Vulnerability Scoring System)
- CVE References
- Where (Attack Vector)
- Criticality (Severity Rating)
- Impact (Consequence)

CVSS (Common Vulnerability Scoring System)

The Common Vulnerability Scoring System (CVSS) provides an open framework for communicating the characteristics and impacts of IT vulnerabilities (see https://nvd.nist.gov/vuln-metrics/cvss).

CVSS enables IT managers, vulnerability bulletin providers, security vendors, application vendors, and researchers to all benefit by adopting this common language of scoring IT vulnerabilities.

CVSS consists of three groups: Base, Temporal, and Environmental. Each group produces a numeric score ranging from 0 to 10, and a Vector; a compressed textual representation that reflects the values used to derive the score.

- The Base group represents the intrinsic qualities of a vulnerability.
- The Temporal group reflects the characteristics of a vulnerability that changes over time.
- The Environmental group represents the characteristics of a vulnerability that are unique to any user's environment.

For details on interpreting a CVSS vector, refer to https://www.first.org/cvss/specification-document.

Secunia Advisories include a Secunia derived CVSS score and vector, as well as a link to an implementation of the NIST CVSS calculator so that a user can adjust temporal and environmental metrics for advisories that match your Watch Lists. For more information, see

- CVSSv4 Score
- CVSSv3 Score

The National Vulnerability Database (NVD) CVSS score/vector for each relevant CVE contained in an Advisory is also shown, and is similarly linked to the NIST CVSS calculator.

CVSSv4 Score

SVR will now support entering all new CVSS scores using the v4 standard. After a CVSS v4 score is entered, the score appears in the User Interface (UI), API, XML, email notifications, and PDF reports.

In the User Interface

The CVSS v4 score is noted with a blue v4 after the score.

In the API

API calls returning CVSS data return another set of values for CVSS v4, so that you can programmatically differentiate between CVSSv2, CVSSv3, and CVSSv4 scores.

/api/advisories/

/api/vulnerabilities/

In the XML

A change to the schema is necessary to add specific values for CVSSv4 scores. As with the json API values above, a second cvss4 labeled value was added to distinguish v4 scores.

In Email Notifications

Emails contain CVSSv4 labels. The Advisory will show latest CVSS version.



Note • Email notifications will include CVSS overall score.

In a PDF Report

PDF reports containing CVSS values will show CVSS v3 or CVSS v4 as appropriate.

CVSSv3 Score

On May 18, 2018 Flexera's Secunia Research began entering all new CVSS scores using the v3 standard. After a CVSSv3 score is entered, the score appears in the User Interface (UI), API, XML, email notifications, and PDF reports.

In the User Interface

The CVSSv3 score is noted with a green "v3" after the score.

_											-			-					
Softw	are Vulnerability Man	iager Vi	ulnerab	ility Manager > T	icketing														0
3	Dashboard		Watch	Lists & Advisor	ies 🕶	Ticketin	g Appro	ove Advisories											
<u></u>	Notifications			ets 16781 Waiti 1-20 of 38 tickets 👔		38 Clo	sed tickets 🛛	Irrelevant ticke	ts 10 P	ending deployment tickets 🚦 At QA	ticket	5 2						Y	+
	Vulnerability Manager		ID				From			То		Queue		*	Priority	•	Watch List		
~			SAID				Criticality		•	Solution status	•	6.5	6.5		Assigned user	-	Apply	Re	set
	Research														Filter	•	Save	Del	ete
0			ld	C Ticket created	Queue	Status	Priority	Watch List	SAID	¢ Title			Criticality	© Se	cunia Advisory published	Solution status	CVSS/Custom Score	As	signed
2	Assessment	6	1584	1 2018-04-03	Default	Open	Low	b_test	SA82369	IBM Aspera faspex Multiple Vulnerabilities			-	20	18-04-03	Vendor Patched	6.5 v3	ası	rtar
		6	1584	0 2018-04-03	Default	Open	Low	testMarch15	SA82365	IBM Aspera faspex Multiple Vulnerabilities			-	20	18-04-03	Vendor Patched	6.5 v3	Pre	eti011
S	Patching	0	1583	8 2018-04-03	Default	Open	Low	Subscription_301	SA82365	IBM Aspera faspex Multiple Vulnerabilities			-	20	18-04-03	Vendor Patched	6.5 v3	PD	hillon3
		6	1583	7 2018-04-03	Default	Open	Low	SVM-162watchlist	SA82365	IBM Aspera faspex Multiple Vulnerabilities			-	20	18-04-03	Vendor Patched	6.5 v3	PD	hillon3
-		6	1583	6 2018-04-03	Default	Open	Low	All Advisories	SA82365	IBM Aspera faspex Multiple Vulnerabilities			-	20	18-04-03	Vendor Patched	6.5 v3	JS	torski
口	Policy Manager	4628	1391	4 2018-03-14	Default	Open	Low		SA81990	Microsoft SharePoint Foundation 2013 Se	curity I	Bypass Vulnerability	_	20	18-03-14	Vendor Patched	6.5	pdf	illon
		6	1391	3 2018-03-14	Default	Open	Low	All Advisories	SA81990	Microsoft SharePoint Foundation 2013 Se	curity 8	Sypass Vulnerability	-	20	18-03-14	Vendor Patched	6.5	JSł	torski
		6	1391	2 2018-03-14	Default	Open	Low		SA81990	Microsoft SharePoint Foundation 2013 Se	curity B	Bypass Vulnerability	_	20	18-03-14	Vendor Patched	6.5	pdf	illon
2	Analytics	6	1391	1 2018-03-14	Default	Open	Low	Subscription_301	SA81990	Microsoft SharePoint Foundation 2013 Se	curity B	Bypass Vulnerability	_	20	18-03-14	Vendor Patched	6.5	PD	hillon3
		6	1391	0 2018-03-14	Default	Open	Low	SVM-162watchlist	SA81990	Microsoft SharePoint Foundation 2013 Se	curity 8	Sypass Vulnerability	-	20	18-03-14	Vendor Patched	6.5	PD	hillon3
		6	1390	9 2018-03-14	Default	Open	Low	FNMS_Import	SA81990	Microsoft SharePoint Foundation 2013 Se	curity 8	Sypass Vulnerability	_	20	18-03-14	Vendor Patched	6.5	SV	MTestR
		6	1390	8 2018-03-14	Default	Open	Low	Tier1 Vendors	SA81990	Microsoft SharePoint Foundation 2013 Se	curity B	Sypass Vulnerability	-	20	18-03-14	Vendor Patched	6.5	SV	MTestR
		6	1390	7 2018-03-14	Default	Open	Low	MostiWanted	SA81990	Microsoft SharePoint Foundation 2013 Se	curity 8	Sypass Vulnerability	_	20	18-03-14	Vendor Patched	6.5	mk	oppen
		6	1190	7 2018-02-07	Default	Open	Medium		SA81512	Mageia update for php-smarty				20	18-02-07	Vendor Patched	6.5	pdf	illon
		6	1189	6 2018-02-07	Default	Open	Medium	Subscription_301	SA81512	Magela update for php-smarty			_	20	18-02-07	Vendor Patched	6.5	PD	hillon3
		6	1189	5 2018-02-07	Default	Open	Medium	SVM-162watchlist	SA81512	Mageia update for php-smarty				20	18-02-07	Vendor Patched	6.5	PD	hillon3
		6	1189-	4 2018-02-07	Default	Open	Medium	All Advisories	SA81512	Mageia update for php-smarty			_	20	18-02-07	Vendor Patched	6.5	JS	orski
		0	1078	8 2018-01-23	Default	Open	Medium	AllAdvisoryList_AJ	SA81247	Debian update for smarty3				20	18-01-23	Vendor Patched	6.5	PD	hillon3
		6	1078	5 2018-01-23	Default	Open	Medium	All Advisories	SA81247	Debian update for smarty3			_	20	18-01-23	Vendor Patched	6.5	JSH	torski
0	Settings	6	1077	9 2018-01-23	Default	Open	Medium		SA81247	Debian update for smarty3				20	18-01-23	Vendor Patched	6.5	pdf	illon
										20 - H4 44	Page	1 of 2 🍽 🖬							

In the API

API calls returning CVSS data return a second set of values for CVSSv3, so that you can programmatically differentiate between CVSSv2 and CVSSv3 scores. When CVSSv3 scores are available, the cvss_score value is blank and the value will appear as cvss3_score. The label cvss_score represents CVSSv2 (it was not renamed to avoid breaking existing scripts).

```
"cvss_info": {
    "cvss_vector": "",
    "cvss_base_score": 0,
    "cvss_overall_score": 0
},
    "cvss_score": "0.0",
    "cvss_vector": "",
    "cvss3_info": {
        "cvss_vector": "CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:U/RL:0/RC:C",
        "cvss_base_score": 7.8,
        "cvss_overall_score": 6.8
},
    "cvss3_score": "7.8",
    "cvss3_vector": "CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:U/RL:0/RC:C",
    "cvss3_vector": "7.8",
    "cvss3_score_ui": "7.8",
    "cvss_score_ui": "7.8",
```

In the XML

A change to the schema is necessary to add specific values for CVSSv3 scores. As with the json API values above, a second cvss3 labeled value was added to distinguish v3 scores. Depending on how any scripts or processes consuming this data parse the information, **this has the potential to result in a breaking change**.

<cvss_base_score>0</cvss_base_score> <cvss_overall_score>0</cvss_overall_score> <cvss_vector></cvss_vector> <custom_cvss_overall_score>0.0</custom_cvss_overall_score> <custom_cvss_vector></custom_cvss_vector> <cvss3_base_score>7.8</cvss3_base_score> <cvss3_overall_score>6.8</cvss3_overall_score> <cvss3_vector>CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C</cvss3_vector> <custom_cvss3_overall_score>5.9</custom_cvss3_overall_score>

In Email Notifications

Emails contain CVSSv2 (displayed as CVSS) and CVSSv3 (displayed as CVSS3) labels. The CVSSv3 value will be empty until a v3 value is entered, at which time the v2 (CVSS) value will be empty.

Criticality	Not critical
Release Date	03/11/2022
Last Update	03/11/2022
Solution Status	Vendor Patched
SAID	<u>SA112006</u>
CVSS	0.0 (E:U/RL:OF/RC:C)
CVSS3	Base: 4.7, Overall: 4.1 CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:C/C:N/I:L/A:N/E:U/RL:O/RC:C
Impact	Spoofing
Where	From remote
Threat Score	0

Note • Email notifications will include CVSS overall score.

In a PDF Report

PDF reports containing CVSS values will show CVSSv2 (displayed as CVSS) or CVSSv3 (displayed as CVSS3) as appropriate.

Criticality	- Moderately critical
Impact	System access
Where	From remote
Solution Status	Vendor Patched
Secunia CVSS Scores	CVSS3 Base: 7.8 , Overall: 6.8 CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C

CVE References

A CVE (Common Vulnerabilities and Exposures) name represents a unique, standardized name and description for a given vulnerability or exposure.

Searching on a CVE reference (for example CVE-2009-3793 or simply 2009-3793) will find all Secunia Advisories in the database that list that particular CVE as a reference.

Res	earch > A	Advisory Data	abase ;	Advisories										s 🛛 +
A	dvisory I	Database 👻	Pr	oducts Da	itabase 👻									
lrov	vsing 16 a	dvisories i						Q Sear	rch by key	word				y +
Z	Zero Day		*	Impact	*	CVE-2020-949	SAID	From			То		Criticality	•
01	Solution s	▼ Where	*	CVSS Score	e M CVSS Score M	Threat Score I	Threat Score I	Advisory ty	ре	•			Apply	Reset
											Filter	•	Save	Delete
	SAID	Release date	Mod date	dified 💠	Title			Criticality 🖨	Zero Day	Solution status	Where	CVSS Score	Threat Score	🗢 Туре
	<u>SA97626</u>	2020-09-21	2020	0-09-21	Amazon Linux update fo	r httpd			No	Vendor Patched	From remote	9.8 v3	19	Secunia Advisory
							View Advisory	Create ti	cket					
	<u>SA97650</u>	2020-09-19	2020	0-09-19	Amazon Linux update fo	r mod_http2			No	Vendor Patched	From remote	7.5 v3	18	Secunia Advisory
	<u>SA97718</u>	2020-09-17	2020	0-09-17	Oracle Solaris Apache H	ITTP Server Multipl	e Vulnerabilities	_	No	Vendor Patched	From remote	9.8 v3	18	Secunia Advisory
	<u>SA97717</u>	2020-09-17	2020	0-09-17	Oracle Solaris Multiple T Vulnerabilities	hird Party Compon	ents Multiple		No	Vendor Patched	From remote	9.8 v3	23	Secunia Advisory
	<u>SA97533</u>	2020-09-15	2020	0-09-15	Red Hat update for http:	d24-httpd			No	Vendor Patched	From remote	7.5 v3	17	Secunia Advisory
	<u>SA97677</u>	2020-09-11	2020	0-09-11	Red Hat update for http:	d:2.4			No	Vendor Patched	From remote	7.5 v3	17	Secunia Advisory
	<u>SA97611</u>	2020-09-11	2020	0-09-11	IBM i Apache HTTP Serv	ver Denial of Servic	e Vulnerability		No	Vendor Patched	From remote	7.5 v3	17	Secunia Advisory
	<u>SA97319</u>	2020-09-03	2020	0-09-03	SUSE update for apache	82			No	Vendor Patched	From remote	7.5 v3	19	Secunia Advisory

An Advisory can contain more than one CVE reference, and not every Advisory has an associated CVE reference.

Amazon Linux update for httpd - CVE

CVE	CVSS*	Threat Score	Threat Reason							
CVE-2020-9490	CVSS v2: 5.0 (AV:NAC:L/Au:N/C:N/EN/A:P) CVSS v3: 7.5 CVSS:3.1/AV:NAC:L/PR:N/U:N/S:U/C:N/EN/A:H	17	Linked to Historical Cyber Exploit Historically Linked to Penetration Testing Tools Recently Linked to Penetration Testing Tools							
	ver versions 2.4.20 to 2.4.43. A specially crafted value for the 'Cache-Digest' heads source afterwards. Configuring the HTTP/2 feature via "H2Push off" will miligate thi									
The CVE threat so • Linked to I • Historically	Threat Intel Module The CVE threat score of 17 was based on the following triggers: Linked to Historical Cyber Exploit Historically Linked to Penetration Testing Tools Recently Linked to Penetration Testing Tools									
The threat score v	as last updated on 2020-09-20.									
References*										
SUSE	http://lists.opensuse.org/opensuse-security-announce/2020-08/msg00071.	html								
Other Reference	https://lists.apache.org/thread.html/r5debe8f82728a00a4a68bc904dd6c354	23bdfc8d601cfb451	79f38bf1@%3Cdev.httpd.apache.org%3E							
	https://httpd.apache.org/security/vulnerabilities_24.html#CVE-2020-9490									
	https://lists.apache.org/thread.html/r9e9f1a7609760f0f80562eaaec2aa3c32c									
	https://lists.apache.org/thread.html/r623de9b2b2433a87f3f3a15900419fc9c0		060f672@%3Cdev.httpd.apache.org%3E							
SUSE	http://lists.opensuse.org/opensuse-security-announce/2020-08/msg00068.									
Fedora	https://lists.fedoraproject.org/archives/list/package-announce@lists.fedor	aproject.org/mess	age/ITVFDBVM6E3JF307RYLRPRCH3RDRHJJY/							
Gentoo	https://security.gentoo.org/glsa/202008-04									
Debian	https://www.debian.org/security/2020/dsa-4757									
Fedora Other Reference	https://lists.fedoraproject.org/archives/list/package-announce@lists.fedor https://security.netapp.com/advisory/ntap-20200814-0005/	aproject.org/mess	age/4NKWG2EXAQQB6LMLATK2/KLSRGCSHVAN/							
Ubuntu	https://usn.ubuntu.com/4458-1/									
CVE-2020-11993	CVSS v2: 4.3 (AV:N/AC:M/Au:N/C:N/I:N/A:P)	2	Linked to Historical Cyber Exploit							
CVE-2020-11984	CVSS v2: 7.5 (AV:N/AC:L/Au:N/C:P/I:P/A:P)	2	Linked to Historical Cyber Exploit							

NOTE:

* The information is written and maintained by CVE MITRE.

The data on this page reflects neither the opinions of Secunia or the results of our research.

Back

Where (Attack Vector)

The following are Where (Attack Vector) values.

Local System

Local system describes vulnerabilities where the attack vector requires that the attacker is a local user on the system.

Local Network

From local network describes vulnerabilities where the attack vector requires that an attacker is situated on the same network as a vulnerable system (not necessarily a LAN).

This category covers vulnerabilities in certain services (for example, DHCP, RPC, administrative services, and so on), which should not be accessible from the Internet, but only from a local network and optionally a restricted set of external systems.

Remote

From remote describes vulnerabilities where the attack vector does not require access to the system nor a local network.

This category covers services, which are acceptable to expose to the Internet (for example, HTTP, HTTPS, SMTP) as well as client applications used on the Internet and certain vulnerabilities, where it is reasonable to assume that a security conscious user can be tricked into performing certain actions.

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Criticality (Severity Rating)

The following are Severity Rating values.

Extremely Critical

This value is typically used for remotely and easily exploitable vulnerabilities that are otherwise designated "highly critical" but also have been exploited in the wild before their publication (zero-day). These vulnerabilities typically exist in services like FTP, HTTP and SMTP or specific client systems such as email programs or browsers. Operating systems can also be prone to them—e.g., when font handling is performed on operating system level.

Highly Critical

- This value is generally used for remotely and easily exploitable vulnerabilities that can lead to system compromise.
- Successful exploitation doesn't usually require any interaction, but there are no known exploits available at the time of disclosure.
- These vulnerabilities typically exist in services like FTP, HTTP and SMTP or specific client systems such as email programs or browsers. Operating systems can also be prone to them—e.g., when font handling is performed on operating system level.

Moderately Critical

This value is usually used for remotely and easily exploitable denial-of-service vulnerabilities against services like FTP, HTTP and SMTP. Additionally, easily exploitable vulnerabilities that could lead to information disclosure or affect the integrity of a product can result in this criticality level.

This rating is also used for vulnerabilities allowing system compromise on LANs in services like SMB, RPC, NFS, LPD and similar services that are not intended for use over the Internet.

Less Critical

This value is typically used for cross-site scripting and local privilege escalation vulnerabilities.

This rating is also used for vulnerabilities allowing exposure of sensitive data to local users.

Not Critical

This value is typically used for very limited privilege escalation vulnerabilities and locally exploitable Denial of Service vulnerabilities.

This rating is also used for non-sensitive system information disclosure vulnerabilities (for example, remote disclosure of installation path of applications).

Impact (Consequence)

The following are Consequence values.

Brute Force

Used in cases where an application or an algorithm allows an attacker to guess passwords in an easy manner.

Cross-Site Scripting

Cross-Site Scripting vulnerabilities allow a third party to manipulate the content or behavior of a web application in a user's browser, without compromising the underlying system.

Different Cross-Site Scripting related vulnerabilities are also classified under this category, including "script insertion" and "cross-site request forgery".

Cross-Site Scripting vulnerabilities are often used against specific users of a website to steal their credentials or to conduct spoofing attacks.

DoS (Denial of Service)

This includes vulnerabilities ranging from excessive resource consumption (for example, causing a system to use a lot of memory) to crashing an application or an entire system.

Exposure of Sensitive Information

Vulnerabilities where documents or credentials are leaked or can be revealed either locally or remotely.

Exposure of System Information

Vulnerabilities where excessive information about the system (for example. version numbers, running services, installation paths, and similar) are exposed and can be revealed from remote and, in some cases, locally.

Hijacking

Covers vulnerabilities where a user session or a communication channel can be taken over by other users or remote attackers.

Manipulation of Data

This includes vulnerabilities where a user or a remote attacker can manipulate local data on a system, but not necessarily be able to gain escalated privileges or system access.

The most frequent type of vulnerabilities with this impact are SQL-injection vulnerabilities, where a malicious user or person can manipulate SQL queries.

Privilege Escalation

Covers vulnerabilities where a user is able to conduct certain tasks with the privileges of other users or administrative users.

This typically includes cases where a local user on a client or server system can gain access to the administrator or root account, thus taking full control of the system.

Security Bypass

Covers vulnerabilities or security issues where malicious users or people can bypass certain security mechanisms of the application. The actual impact varies significantly depending on the design and purpose of the affected application.

Spoofing

Covers various vulnerabilities where it is possible for malicious users or people to impersonate other users or systems.

System Access

Covers vulnerabilities where malicious people are able to gain system access and execute arbitrary code with the privileges of a local user.

Unknown

Covers various weaknesses, security issues, and vulnerabilities not covered by the other impact types, or where the impact is not known due to insufficient information from vendors and researchers.

Chapter 13 About Secunia Advisories

Impact (Consequence)



Appendix A - Threat Intelligence

Software Vulnerability Research Threat Intelligence directs your attention towards the vulnerabilities affecting your watch lists.

In a world where there are more than 40,000 new vulnerabilities every year, being smart about prioritizing remediation efforts is essential. Leveraging our optional Threat Intelligence Module, another valuable layer of insight is provided to help you understand which of the vulnerabilities affecting your environment are actually being exploited in the wild.

Industry reports, including Gartner shows that between 6%-10% of the vulnerabilities disclosed each year actually are exploited in the wild. Turns out that most of these have medium CVSS scores, which are typically overlooked by organizations. With the insights provided by threat intelligence, it is possible better optimize the time spent remediating software vulnerabilities. Avoid spending time and resources in patching vulnerabilities that do not have evidence of exploitation, and favor those that do. Prioritization is crucial for effective risk mitigation and resource utilization.

Leveraging machine learning, artificial intelligence, and human curation from thousands of sources in the open, deep and dark web, our Threat Intelligence Module augments Software Vulnerability Research's vulnerability intelligence with a Threat Score that provides the ultimate prioritization tool for your busy desktop operations teams.

This appendix explains how the Software Vulnerability Research Threat Intelligence module helps the enterprises to manage their resources and Patching Vulnerabilities more effectively, the following topics are discussed in this section:

- Evidence of Exploitation
- Criteria for the Threat Score Calculation
- Threat Score Calculation Examples
- Threat Intelligence Data for Operations and Security
- Threat Intelligence for Research



Note • Please note the following:

- Secunia Advisory Threat Scores and Vulnerability (CVE) Threat Scores are each calculated as described in the Criteria for the Threat Score Calculation section (an Advisory score is not determined by simply adding related CVE Threat Scores).
- For pricing and availability, please contact your sales representative or contact us online at: https://www.flexera.com/about-us/contact-us.html

• For more details about the Threat Intelligence Modules, see our datasheet: https://www.flexera.com/media/pdfs/datasheet-svm-threat-intelligence-module.pdf

Evidence of Exploitation

There are 10 primary rules that can impact the assigned Threat score and they are:

- It has been linked to remote access Trojan
- It has been linked to ransomware
- It has been linked to penetration testing tools
- It has been linked to malware
- It has been linked to an exploit kit
- It has been linked to a cyber exploit
- It has been linked to an exploit wild
- It has been linked to POC verified
- It has been linked to vulnerability developed tools
- It has been linked to verified intelligence

Criteria for the Threat Score Calculation

Triggered rules increase the score by the values identified in the chart below based on the highest severity level triggered.

Table A-1 • Rules, Severity and Value

Rule	Severity	Value
Recently Linked to Remote Access Trojan	Medium	+2
Historically Linked to Remote Access Trojan	Low	+1
Recently Linked to Ransomware	Medium	+2
Historically Linked to Ransomware	Low	+1
Recently Linked to Penetration Testing Tools	Medium	+2
Historically Linked to Penetration Testing Tools	Low	+1
Recently Linked to Malware	Medium	+2
Historically Linked to Malware	Low	+1
Recently Linked to Exploit Kit	Medium	+2

Table A-1 • Rules, Severity and Value

Rule	Severity	Value
Historically Linked to Exploit Kit	Low	+1
Linked to Recent Cyber Exploit	Low	+1
Linked to Historical Cyber Exploit	Low	+1
Recently exploited in the wild	Very Critical	+5
Exploited in the wild in the past year	Critical	+4
Historically exploited in the wild	High	+3
Recent remote code execution POC verified	Critical	+4
Recent POC verified	High	+3
Historical remote code execution POC verified	Medium	+2
Recent possible POC	Medium	+2
Historical POC verified	Low	+1
Tools to exploit the vulnerability developed recently	Medium	+2
Tools to exploit the vulnerability developed historically	Low	+1
Recently verified intelligence	High	+3
Historically Verified intelligence	Low	+1

The rule with the highest criticality determines the point range and the starting value for the Threat Score. The ranges for each are as follows:

Table A-2 • Criticality - Ranges

Criticality	From	То
Very Critical	71	99
Critical	45	70
High	24	44
Medium	13	23
Low	1	12

Table A-2 • Criticality - Ranges



Note • when assigning a Threat Score to the SAID, we do not simply add up the scores for each associated vulnerability, but rather follow the same rules outlined here to calculate the Security Advisory threat score.

Threat Score Calculation - Examples

Some examples to explain how we would arrive at a Threat Score.

Example 1

A SAID has two CVEs; two come back as exploited.

Triggered Rules

The following rules are triggered:

- CVE1 Triggers
 - Historically Linked to Remote Access Trojan
 - Recent remote code execution POC verified
- CVE2 Triggers
 - Historically Linked to Exploit Kit

The Threat Score would be 51.

Calculating the Score

The criticality range is set by the most critical rule triggered, which is critical. This sets the score's maximum and minimum range as between 45 and 70.

Item	Value
Base Score	+45
Recent remote code execution POC verified	+4
Linked to Recent Cyber Exploit	+1
Historically Linked to Remote Access Trojan	+1
Threat Score (Sum of above values)	51

Example 2

A SAID has seven CVEs; and all come back as exploited.

Triggered Rules

The following rule is triggered by all CVEs:

- CVE1, CVE2, CVE3, CVE4, CVE5, CVE6 and CVE7 triggers
 - Recently Linked to Malware

The Threat Score would be 23.

Calculating the Score

The criticality range is set by the most critical rule triggered, which is medium. This sets the score's maximum and minimum range as between 13 and 23.

Item	Value
Base Score	+13
Recently Linked to Malware	+2 * 7 CVE = +14
Threat Score (Sum of above values)	27
	<i>Note</i> • At this point, we have exceeded the maximum for a critical threat, which is 23, so the score is 23.

Example 3

A SAID has one CVE and it comes back as exploited.

Triggered Rules

The following rule is triggered:

- CVE1 triggers
 - Historically exploited in the wild

The Threat Score would be 27.

Calculating the Score

The criticality range is set by the most critical rule triggered, which is high. This sets the score's maximum and minimum range as between 24 and 44.

Item	Value
Base Score	+24

Item	Value
Historically exploited in the wild	+3
Threat Score (Sum of above values)	27

Example 4

A SAID has many CVEs, none come back as exploited.

The score would be **0** because there are no rules triggered.

Advisory with Multiple Vulnerabilities

An advisory Threat Score is based upon each of the CVEs included in an Advisory as specified above. In Software Vulnerability Research, the vulnerabilities that have exploits are indicated with a red circle for easier identification.

Threat Intelligence Data for Operations and Security

Software Vulnerability Research and Software Vulnerability Research cater to different audiences with different needs. Software Vulnerability Research (for operations) provides what is needed for Operations to better prioritize remediation efforts. Whereas Software Vulnerability Research (for security) provides more detail to meet the needs of security teams.

Table A-3 • Software Vulnerability Manager vs. Software Vulnerability Research

Software Vulnerability Manager	Software Vulnerability Research
Offers a Threat Score at the Advisory level	Offers a Threat Score at the Advisory level
	• Offers a Threat Score at the vulnerability level, within the advisory
	• Offers a list of which rules were triggered to arrive at the Threat Score displayed

Threat Intelligence for Research

The user who purchased the Software Vulnerability Research Threat Intelligence Module, can see the threat intelligence add on feature in the following places:

- Dashboard > Dashboard with Threat Intelligence Module
- Research > Advisories > Advisories with Threat Score
- Analytics > Advisories > Advisories by Threat Score

Appendix A Appendix A - Threat Intelligence Threat Intelligence for Research

Appendix B - Assessment & Patching

Important • The Assessment & Patching module is not available for Software Vulnerability Research.

This appendix explains where software vulnerabilities are installed across your organization by device and product. A list of advisories is also provided to address software vulnerabilities. The following topics are discussed in this section:

- Assessment Scenarios
- Assessment Reports
- Patching

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Assessment Scenarios

With Flexera's Software Vulnerability Research, you can scan target hosts using a variety of approaches:

- Agent-Based Scan Requirements for Windows
- Agent-Based Scan Requirements for macOS
- Agent-Based Scan Requirements for Red Hat Enterprise Linux (RHEL)
- Vulnerable Software Discovery Tool Command Line Options
- Scanning Via Local Agents

Note • If the WSUS Self-Signed Certificate will be used to sign the update packages created by Software Vulnerability Research, you can use a different certificate as an alternative.

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Important • Administrators must ensure that Software Vulnerability Research and its Vulnerable Software Discovery Tool have access to all necessary system and online resources which allow the application to run as intended. The following

addresses should be white-listed in the Firewall/Proxy configuration to ensure that the client system is allowed access to these online resources:

- crl.verisign.net
- crl.thawte.com
- http://crl3.digicert.com
- http://crl4.digicert.com
- http://*.ws.symantec.com
- https://app.flexerasoftware.com/

Note • If a machine has not checked in with Software Vulnerability Research in 90 days, the machine will be removed from your view. If the machine checks in again, it will reappear.

Agent-Based Scan – Requirements for Windows

The flexibility offered by Software Vulnerability Research ensures that it can be easily adapted to your environment.

If you choose to scan using the installable Agent (Agent-based scans), the following requirements should be present in the target hosts:

Requirement	Description
Permissions	Administrative privileges to download and install Software Vulnerability Research's Vulnerable Software Discovery Tool files SVMScanInstall.msi and SVMScan.exe from: https://app.flexerasoftware.com/
Access	Access to: https://agent.app.flexerasoftware.com
Operating systems	 Microsoft Windows Server 2012 R2 or Later Microsoft Windows Operating System: Windows 10, Windows 11
Internet Connection	SSL 443/TCP to https://app.flexerasoftware.com/
Update agent	Windows Update Agent 2.0 or later
Port	Port 443 (standard HTTPS) to access the cloud

Table B-1 • Agent-Based Scan / Windows System Requirements

Agent-Based Scan – Requirements for macOS

The following requirements should be met before installing the Software Vulnerability Research's Vulnerable Software Discovery Tool for Mac on an Intel-based macOS machine:

Table B-2 •

Requirement	Description
Operating System	Supported operating systems:
	• 10.8 Mountain Lion
	• 10.9 Mavericks
	• 10.10 Yosemite
	• 10.11 El Capitan
	• 10.12 Sierra
	• 10.13 High Sierra
	• 10.14 Mojave
	• 10.15 Catalina
	• 11 Big Sur
	• 12 macOS Monterey
	• 13 macOS Ventura
	• 14 macOS Sonoma
	• 15 macOS Sequoia
Permissions	• Administrator at minimum ("root" privileges required for the installation)
	• The user installing the Agent must have 'execute' permissions on the file (chmod +x)
Internet Connection	SSL 443/TCP to https://app.flexerasoftware.com/.

To scan Apple macOS machines, you need to deploy the Vulnerable Software Discovery Tool for Mac locally on the target system. This Vulnerable Software Discovery Tool for Mac pulls information from text and binary coded plist files.

The installation can only be done under the Mac Terminal, as the Vulnerable Software Discovery Tool for Mac will be installed as a daemon (service) under the LocalSystem account.

Installation of Local Services on macOS systems requires root privileges. The "root" account is disabled by default on Mac systems. Therefore you need to enable it to proceed.

To view and edit the assessment configurations for macOS, see:

- Prepare Your Mac
- Install the Vulnerable Software Discovery Tool for Mac

Prepare Your Mac

Installation of daemons (services) on macOS systems requires root account privileges. This means that the root account should always be used when installing the Vulnerable Software Discovery Tool for Mac.

You can switch to your local root account by using the command 'su root' in your Mac Terminal. You will be prompted to provide the password for the root account.

bash-3.2\$	su	root			
Password:					

Provide the password for "root" if you know it. If you are not certain about the password, you may want to try entering "toor", which is the default password for the root account, or you may also try with the current password of your Administrator account. Both ways may work, but if the account is disabled on the system, none of the passwords would work.

Important • The Terminal window will not display the password you typed in. Once you have entered the password correctly, press ENTER and wait for confirmation.

If you do not know the password for the root account, or the latter is currently disabled, you can perform the following actions to enable the account and set a new password:

- Open Terminal
- Type sudo passwd root
- Provide a new password

For more details on how to enable root account on macOS systems, refer to:

http://support.apple.com/kb/ht1528



Important • If you cannot enable the "root" account on the Mac, or you prefer to not use it directly, you can alternatively use the "sudo" switch before each command associated with Vulnerable Software Discovery Tool for Mac activities. For example: sudo ./svmscan_macos -c - v - v can be used to install the Vulnerable Software Discovery Tool for Mac on the system.

Once you are ready with setting/logging the root account, you are one step away from installing the Vulnerable Software Discovery Tool for Mac.

When you download the Vulnerable Software Discovery Tool for Mac on your system, normally the file is being set with limited file permissions on the system. You must check whether the file is allowed execution on the system by using the ls -1 command, which will list the file and will show its file permissions.

```
sh-3.2# ls -l
total 3048
-rw-r--r-@ 1 administrator staff 1558928 Oct 25 12:25 svmscan_macos
```

In case the permissions do not include execute rights (the "x" character) for any user, you should set them for the root account by using the chmod +x command.

chmod +x svmscan macos

```
sh-3.2# chmod +x svmscan_macos
sh-3.2# ls -l
total 3048
-rwxr-xr-x@ 1 administrator staff 1558928 Oct 25 12:25 svmscan_macos
```

(If you are not using the root account, add sudo before chmod.)

Install the Vulnerable Software Discovery Tool for Mac

The traditional way of installing the Vulnerable Software Discovery Tool for Mac is as a daemon (similar to local service in Windows) as it will operate under the Mac OS X LocalSystem account. Install the binary by using the Mac Terminal services as follows:



To install the Vulnerable Software Discovery Tool for Mac:

- **1.** Prepare Your Mac (if not already done).
- 2. Browse to the directory where you have placed the svmscan_macos binary file.
- 3. Type the following command to install the Vulnerable Software Discovery Tool for Mac: ./svmscan_macos -i

```
sh-3.2# ./svmscan_macos -i
[10/25 12:37:27.421] Initializing Flexera Software Vulnerable Software Discovery
Tool 8.0.0.344
[10/25 12:37:27.453] GUID : 41713AB6-9437-4B8D-A1E6-5CA8D98B3AC1
[10/25 12:37:27.493] 'Flexera SVM Scanner' service started
[10/25 12:37:27.493] 'Vulnerable Software Discovery Tool' successfully installed
[10/25 12:37:27.493] Vulnerable Software Discovery Tool 8.0.0.344 shutting down
```

The Vulnerable Software Discovery Tool for Mac shows in the Software Vulnerability Research console approximately 15 minutes after the installation.

- 4. To launch a new scan manually under the Mac Terminal, issue the command "./svmscan_macos -c"
- 5. Use the "-h" switch to see a full list of parameters supported by the Vulnerable Software Discovery Tool for Mac.

Agent-Based Scan – Requirements for Red Hat Enterprise Linux (RHEL)

To deploy the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and Vulnerable Software Discovery Tool for Red Hat Linux 7 RPM:



Note • The svmscan_linux agent for RHEL is architecture independent (that is, it works for 32- and 64-bit).

To install the Single Host Agent on a Red Hat Enterprise Linux (RHEL) machine, the user:

- Must be a member of the sudoer group.
- Must have write access to the /etc/smvscan folder to save configuration data.
- Must have a RHEL machine that supports the following operating systems:

- **RHEL 6**: requires bash, gzip, sed, gawk, procps, coreutils, glibc(x86-32), libcurl(x86-32), libconfig(x86-32), libuuid(x86-32), yum, yum-security
- RHEL 7: requires: bash, sed, gawk, procps, coreutils, glibc(x86-32), libcurl(x86-32), libconfig(x86-32), libuuid(x86-32), yum

To install the RHEL agent, see Install the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and 7 RPM.

Note • It may be possible to install the scan Agent on RHEL operating systems and configurations other than those described above. However, these have not been tested and are not supported by Flexera.

Install the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and 7 RPM

Note • This is a sample reference implementation that you can use to help guide your setup.

For information on installing the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and 7 RPM, see:

- Installing the Vulnerable Software Discovery Tool
- Specifying Proxy Settings for the Scanner (Recommended Method)
- Specifying the LAN Group of the Machine
- Immediately Update the RHEL Agent Configuration
- Uninstalling the Scanner RPM Package

Installing the Vulnerable Software Discovery Tool

To install the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and 7 RPM, perform the following steps.

Task

To Install the Vulnerable Software Discovery Tool for Red Hat Linux 6 RPM and 7 RPM:

1. The 6 RPM tool requires: bash, gzip, sed, gawk, procps, coreutils, glibc(x86-64), libcurl(x86-64), libconfig(x86-64), libuuid(x86-64), yum, yum-security

The 7 RPM tool requires: bash, sed, gawk, procps, coreutils, glibc(x86-64), libcurl(x86-64), libconfig(x86-64), libuuid(x86-64), yum

 Login as root at the RHEL machine and install/update the package (the same command line option works for both cases):

```
su root
yum localinstall --nogpgcheck:
Red Hat 7 RPM: yum install <path>/svmscan_linux-8.x.xxx-x.el7.x86_64.rpm
Red Hat 6 RPM: yum install <path>/svmscan_linux-8.x.xxx-x.el6.x86_64.rpm
```

Specifying Proxy Settings for the Scanner (Recommended Method)

You can update the proxy setting to override the environment variables.

To specify proxy settings for the scanner:

- 1. Update the proxy setting in the configuration file /etc/csia/svmscan_conf
- 2. Login as root and restart the scanner service:

```
su root
service com.flexera.svmscan restart (RHEL 6)
```

OR

systemctl restart com.flexera.svmscan (RHEL 7)

Specifying the LAN Group of the Machine

This setting will be overridden if the DNS domain name of the machine is publicly available (check with the "dnsdomainname" command).



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Task

To specify the LAN group of the machine:

- 1. Update the LanGroup setting in the configuration file /etc/csia/svmscan_conf
- 2. Login as root and restart the scanner service:

```
su root
service com.flexera.svmscan restart (RHEL 6)
```

OR

systemctl restart com.flexera.svmscan (RHEL 7)

Immediately Update the RHEL Agent Configuration

If you have set the Agent check-in time to, for example, 1 day, it will be 1 day until the RHEL Agent picks up any configuration changes. If you want the RHEL Agent to immediately adapt to configuration changes, you can use the commands below to accomplish this by simply restarting the Agent service.



To immediately update the RHEL agent configuration:

1. Login as root and restart the scanner service:

```
su root
service com.flexera.svmscan restart (RHEL 6)
OR
```

systemctl restart com.flexera.svmscan (RHEL 7)

Uninstalling the Scanner RPM Package

To uninstall the scanner RPM package, perform the following steps.



To uninstall the scanner RPM package;

1. Login as root and uninstall the scanner RPM package:

su root
yum erase svmscan_linux.x86_64

Vulnerable Software Discovery Tool Command Line Options

You can use the following command line options for the Vulnerable Software Discovery Tool.

- Help
- Version
- Install
- Uninstall
- Modify Settings
- Controlling the Service
- Scanning from the Command Line
- Agent Configuration Options

Help

Run the Vulnerable Software Discovery Tool to get instructions and a list of command line options (ignores all other command line options, prints instructions and exits immediately). Also prints version as with -V. Exclusive:

SVMScan.exe -h

Version

Print the version number of the Vulnerable Software Discovery Tool on the command line (exclusive):

SVMScan.exe -V

Install

The following explain how to install the Vulnerable Software Discovery Tool from the command line:

- Install as Current User
- Install to Run as LocalSystem
- Install to Run as <user>
- Install to Run as <user> with <password>
- Install But Without Writing Anything to the Registry

Install as Current User

Install the Vulnerable Software Discovery Tool from the command line, with configuration options. Installs as current user, prompts for password, settings saved to HKCU:

SVMScan.exe -i <config options>

Install to Run as LocalSystem

Install the Vulnerable Software Discovery Tool from the command line to run as LocalSystem, with configuration options. Saves settings to HKLM:

SVMScan.exe -i -L <config options>

Install to Run as <user>

Install the Vulnerable Software Discovery Tool from the command line to run as <user>, with configuration options. Prompts for password and saves settings to HKEY_<user>:

SVMScan.exe -i -R <user> <config options>

Install to Run as <user> with <password>

Install the Vulnerable Software Discovery Tool from the command line to run as <user>, with <password> with configuration options. Saves settings to HKEY_<user>:

SVMScan.exe -i -R <user>:<password> <config options>

Install But Without Writing Anything to the Registry

Install the Vulnerable Software Discovery Tool from the command line but not write anything to the registry (also works with -R and -L):

SVMScan.exe -i -N

Uninstall

Uninstall the Vulnerable Software Discovery Tool service, remove all settings and delete the key from the registry where the service reads them from:

SVMScan.exe -r



Note • The -L and -R options are irrelevant when uninstalling.

If the service is installed but cannot be removed, then the registry settings aren't removed.

If the service is not installed, does nothing.

If the registry settings cannot be removed, a warning is given, and the service is removed regardless.

To uninstall the Vulnerable Software Discovery Tool service, while leaving the registry settings intact:

SVMScan.exe -r -N

To remove the service, if installed, and delete the Vulnerable Software Discovery Tool registry key from everywhere in the registry (exclusive):

SVMScan.exe --delete-all-settings

Modify Settings

Save the command line setting to the registry, so the service will use it. The settings are saved to the location based on where installed the Vulnerable Software Discovery Tool reads the settings from. If the Vulnerable Software Discovery Tool is not installed, or the settings cannot be saved to the correct location, nothing is saved, an error is printed and the command aborts:

SVMScan.exe -S <config option>

Controlling the Service

Starts the service if it is not running (exclusive):

SVMScan.exe --start SVMScan.exe --restart

Stops the service if it is running (exclusive):

```
SVMScan.exe --stop
```

Scanning from the Command Line

Run the Vulnerable Software Discovery Tool with immediate command line scan, with options. Ignores registry settings and server settings:

SVMScan.exe -c <config options>

Run the Vulnerable Software Discovery Tool with immediate command line scan for Proof of Concept environments that will process scans fast, typically less than 1 minute:

SVMScan.exe -c --urgent-scan

Run the Vulnerable Software Discovery Tool locally in service mode as current user, reading options from command line, registry and server, with command line options taking precedence, then server options, then registry options. To stop the service once it is running, press CTRL+C:

SVMScan.exe -fg <config options>

If possible, run the Vulnerable Software Discovery Tool locally in service mode as a different user with -L and -R. This will read options in exactly the same way as a service, with the exception of <config options> on the command line override which, unlike a service, has no command line:

SVMScan.exe -fg -L <config options>
SVMScan.exe -fg -R <user> <config options>

Order of precedence:

- Settings given on command line take precedence but, when running as a service, there is no command line.
- Settings from server take precedence over settings read from registry.

Agent Configuration Options

The following table lists the Agent configuration options.

Category	Configuration Option	Description			
Program Options	-A/network-appliance	Run in Network Appliance mode.			
		Run software inspection from the command line using command-line settings and server-supplied settings.			
		Exit codes returned:			
		0 - SUCCESS 1 - SERVER BUSY 2 - OPERATION FAILED 3 - SERVICE FAILED			
	-d <path>debug <path></path></path>	Write diagnostic information to the specified file.			
	getfileinfo <path></path>	Directory for output file			
	-h/help	Display this message and exit.			
		Set the check-in interval for the service. This setting is in the format INTEGER followed by M/H/D representing minutes, hours, or days.			
		Example: 10M for a 10-minute interval or 2H for a two- hour interval			
	-o/outdir <path></path>	Directory for output file			
	-oc/output-csv <file></file>	Output inspection results to a CSV file.			
	-ox/output-xml <file></file>	Output inspection results to an XML file.			
		Set a random range to delay running software inspection. 0 means no random range, or 1-60 minutes.			
	skip-wait/skipwait	Skip the initial 10 minute wait before the first check in.			
	-vverbose	Display or log additional diagnostic information.			
	-V/version	Display program version information and exit.			
		Use this option when you want to check the version of the agent.			

Category	Configuration Option	Description
Customer Area Option	-g/group <group></group>	Create host as a member of <group> in your Software Vulnerability Research Account (defaults to domain or langroup if unspecified).</group>
Mac Agent Option	delete-all-settings	Deletes all information, including Globally Unique Identifiers (GUID), from the system to ensure it is clean to accommodate a new installation.

Category	Configuration Option	Description
Network Settings	-Ddirect-connection	Bypass proxy, use direct connection.
	forcehttps	Force HTTPS, regardless of port.
		When this option is not specified, we default HTTPS on port 443 and HTTP on other ports. This option is for debugging purposes.
	ignore-ca	Ignore unknown certificate authority.
	ignore-cn	Ignore invalid Common Name in cert.
	ignore-crl	Ignore Certificate Revocation list.
	pac-url <url></url>	Proxy Autoconfig url
	request-timeout <minutes></minutes>	Sets a timeout on network connections. Set for 1-10 minutes or use 0 for no timeout.
		Use this option to increase the timeout period of HTTP requests to prevent the timeout error when the server does not respond in 2 minutes.
	-U <user:pass>proxy-user <user:pass></user:pass></user:pass>	Set proxy credentials (saved in encrypted form).
	use-network-winhttp	Enable WinHttp network stack.
		Use WinHTTP when you want the agent to control the behaviors of the HTTP Internet protocol. We default WinHTTP to force using TLS 1.2. Also, the command line options for proxy such as -x, -U, and -D are designed to work in conjunction with WinHTTP. This option is for debugging purposes.
	use-network-wininet	Enable WinInet network stack (default).
		Use WinINet when you want to control the behaviors of HTTP Internet protocol using the Internet Options. Since WinINet does not have services support, the agent running as a service ignores this option. This option is for debugging purposes.
	-x <proxy:port>proxy <proxy:port></proxy:port></proxy:port>	Set proxy.

Category	Configuration Option	Description
Proxy Options	-D/direct-connection	Force direct connection, overriding default internet proxy settings.
	pac-url <url></url>	Specify the URL of the Proxy Auto Configuration file (.pac/.dat).
	-U/proxy-user <user[:pass]></user[:pass]>	Specify Proxy authentication.
	-x/proxy <host[:port]></host[:port]>	Use HTTP proxy on given port.
Scan Options	check-wmi	Use WMI to get Windows updates.
		Use this option to query Windows updates on SCCM using WMI in addition to a query using Windows Update Agent.
		This option could be used to see if the SCCM client on the device/host can be used for reporting missing KBs.
	-t/type	Software scan type:
		• Minimal Scan —Scan Type 1: Inspect applications in default locations only.
		• Optimal Scan —Scan Type 2: Inspect applications in non-default locations.
		• Full Scan —Scan Type 3: Inspect all .dll, .exe, and .ocx files.
		For details, see Scan Types.
	-w/no-os-update/no-win- update	Do not connect to Windows Update.
	wua-proxy <0,1 or	Configure proxy settings for Windows Update.
	host[:port]>	• 0: Use the default setting.
		• 1: Use the proxy configured with -x/proxy.
		• <host[:port]> Manually set the proxy host and port.</host[:port]>

Category	Configuration Option	Description
Scan Settings that Server Can Override	-g <group>group <group></group></group>	Group name for association
Server can overnac	-n <minutes>Mcheckin- interval <minutes>M</minutes></minutes>	Set Check-in interval.
	-n <hours>Hcheckin- interval <hours>H</hours></hours>	
	-wno-win-updateno-os- update	Disable windows update check.
Security Options	ignore-ca	Ignore Unknown SSL Certificate Authority (CA).
	ignore-crl	Ignore SSL Certificate Revocation Check.
	ignore-cn	Ignore Invalid SSL Certificate Common Name (CN).
Server Options	userid <userid></userid>	Set the Software Vulnerability Research access user ID.
	token <token></token>	Set the Software Vulnerability Research access token.
	host <hostname></hostname>	Set the Server hostname.
	port <port></port>	Set the Server port.

Category	Configuration Option	Description
Service Options	delete-all-settings	Delete all settings related to this program from the registry.
		Deletes these settings from all registry keys.
	dry-run/dryrun	Run up to the point of scanning without writing any changes and then exit (useful to log the configuration).
		Use this option to examine if the agent is able to run and communicate with the server. It will exit before scanning and won't make any changes to the system. You can use this option along with -c.
	-i/install	Install service.
	-L/localsystem	Run the service as the LocalSystem user.
	manual	When installing, set service to only be started manually, rather than automatically
	-N/no-registry-write	When installing, do not write any settings to registry.
		When removing, do not delete settings from registry.
	-p/copy <dest></dest>	Before installing, copy executable file to <dest> and install the service to run from <dest>.</dest></dest>
	-r/remove	Remove service.
	-R/runas <user[:pass]></user[:pass]>	Specify the user the service should run as.
		For a domain user type "user@domain" or "domain\user"
	-S/only-save-settings	Only save settings from the command line to registry, as the relevant user.
		Does not run, install or remove.
		Use this option when you want to modify the agent registry settings after the agent is installed. You need to restart the agent service to make the changes effective.
		This option could be used to edit the server options like userid/token/host/port stored in the registry.
		This setting is the opposite of "-N" options. If -N is used, no registry setting will be edited.

Category	Configuration Option	Description
Service Recovery Settings:	service-failure-actions <actions></actions>	Failure actions and their delay time (in milliseconds), separated by / (forward slash) – e.g., run/5000/reboot/ 800. Valid actions are <run restart reboot>. (Must be used in conjunction with theservice-failure- reset option)</run restart reboot>
	service-failure-command <command line=""/>	Command line to be run on failure.
	service-failure-flag	Changes the failure actions flag setting of a service. If this setting is not specified, the Service Control Manager (SCM) enables configured failure actions on the service only if the service process terminates with the service in a state other than SERVICE_STOPPED. If this setting is specified, the SCM enables configured failure actions on the service if the service enters the SERVICE_STOPPED state with a Win32 exit code other than 0 in addition to the service process termination as above. This setting is ignored if the service does not have any failure actions configured.
	service-failure-reboot <message></message>	Message broadcast before rebooting on failure.
	service-failure-reset <period></period>	Length of period of no failures (in seconds) after which to reset the failure count to 0 (may be INFINITE). (Must be used in conjunction withservice-failure- actions)

Scanning Via Local Agents

Software Vulnerability Research provides different Scan Types, enabling you to select the one that best suits your environment. The Agent-based deployment is more robust and flexible for segmented networks or networks with mobile clients (for example, laptops). Once installed, the Vulnerable Software Discovery Tool will run silently in the background.

This is the recommended scanning approach due to its flexibility, usage convenience, and performance.

Scan Types

Under Scan Configuration settings, you will be asked to select a scan type, which are compared below.

Table B-4 • Scan Types

Scan Type	Folders Searched	File Name Match	Applications Detected
Minimal Scan - Scan Type 1	Default folders only Example: Program Files	File names are matched first; then metadata is matched.	Known applications in predefined locations on a device
		Example: c:\Program Files\Mozilla Firefox\Firefox.exe	
Optimal Scan - Scan Type 2	All files and folders	File names are matched first; then metadata is matched.	Known applications in any location ("portable applications") on a device
		Example:c:\Custom Mozilla Firefox Folder\Firefox.exe	
Full Scan - Scan Type 3	All files and folders	Metadata only Example: c:\Custom Mozilla Firefox Folder\myFirefox.exe	Renamed applications that match a pattern detected in the first two scan types such as .exe, .dll, and .ocx in any location on a device

Assessment Reports

The Assessment pages display where software vulnerabilities are installed across your organization by device and product. A list of advisories is also provided to address software vulnerabilities.

- Overview
- Devices
- Products
- Advisories

Overview

The **Overview** page displays a tree view of the Device Groups within your environment. Click an item under the My Environment listing to view the **Average System Score**, **Device Details**, **Last Scan Details**, and **Product Details** of the security status of the Device Group.

You can customize your Device Groups using Smart Groups.

Click the Devices, Products and Advisories tabs to view detailed information regarding the selected Device Group.



Important • You must first download and deploy Software Vulnerability Research's Scan Agent to scan your devices.

Overview Devices Products	Advisories				
₽ My Environment		My Environment			
> 🛱 com					
> 🖬 local		Average System Score		Devices - System Score	
		Flexera Average System Score:	80.05	100 3	
		Advisories:	224	80 - 99 11	
P My Smart Groups	•	Devices Details		<50 0	
■ >=18		Insecure Devices:	17	Unknown 0 Not Calculated 0	
🚔 <18th		Secure Devices:	3		
		Total:	20		
		Last Scan Details			
		Status Unknown:	0		
		Successful:	18		
		Windows Update Failed (Partial Scan):	2	Products - Status	
		Total:	20	Secure 349	
		Product Details		End-of-Life 25 Insecure 62	
		Insecure:	62	inscore of	
		End-Of-Life:	25		
		Secure:	349		
		Total:	436		
		G Refresh			

Smart Groups

Smart Groups organize your environment by defining specific groups of devices, products, or advisories to identify and meet regulatory needs that are situation specific. These Smart Groups filter assessment results and reports to prioritize remediation efforts.

This section includes the following Smart Group topics:

- Smart Group Selection Order
- Create a Smart Group
- Create a Smart Groups Report

Smart Group Selection Order

To create a Smart Group, you can use any combination of device, products and advisories conditions. However, the order in which conditions are evaluated is this: device conditions filter out the devices on which the following conditions are applied; products conditions filter out devices without those products installed; advisory conditions filter out products and devices without those conditions. Following are some sample Smart Group selections.

- Only device conditions—Select those devices and show all products and advisories detected on those devices
- Only product conditions—Select the devices that have the products installed and show devices and advisories for those products
- Only advisory conditions—Select the devices and the products that have those advisories associated

- All types of conditions—Select the devices; then select devices with the product conditions and eliminate devices or products that do not have the advisory conditions. This selection order ensures that a group with the conditions "Windows platform, Python product installed, Highly and extremely critical advisories" show devices that have a Python product with highly critical advisories. This selection order also ensures you do not include devices with critical advisories on products that are not Python.
- **Product secure type**—Is context dependent on the list of devices; a product can be insecure on one device and secure on other devices (Example: Windows may be insecure depending on the KBs installed on the device). For example, if you create a Smart Group "Devices from AD group "NorthAmerica" and insecure products", you might not get "Windows 8" as insecure in your Smart Group list, although you see it as insecure in the full product list, since Windows 8 is secure on all devices in your Active Directory (AD).

Create a Smart Group

To create a Smart Group, perform the following steps.



Assessment > Overview						
Overview	Devices	Products	Advisories			
✓	onment					
> 🖬 com > 🖀 local						
🗸 🖓 My Smar	t Groups		0			

2. When the Create Smart Group pop-up window appears, enter the Smart Group Name in the Name field.

Create Smart Group				×
Name				
Smart Group Name				
Priority				
Normal				·
Conditions:				
Device Conditions				
Select Device Condition	•			× +
Product Version Conditions				
Select Product Condition	•			× +
Advisory Conditions				
Select Advisory Condition	•			× +
		Cancel	Save	

3. Select the Priority.

Note • The priority determines how often a smart group recalculates to show the latest results. The more critical the priority, the more often the results are calculated to reflect the latest data, with the following mention: if all groups are critical, none are critical. The exact frequency with which results are being recalculated can't be determined or guaranteed as it depends on the number of groups in your environment (both Active Directory groups and Smart Groups) and the priorities set on all Smart Groups.

4. Select the desired combination of Device, Product Version, and Advisory Conditions. Click the green + sign to add multiple conditions under the corresponding category.

Note • Device Platform is limited to Windows, macOS, and RedHat Enterprise Linux. If you want to select a particular operating system (Example: Windows 8), Select Windows as the Device Platform, add Device Condition "Operating System In", click "Select Operating System(s)", enter Windows 8 in the search tab, and click Save.

Note • To make sure date filters like Last Scan Date or Advisory Released conditions reflect the User Interface selection, ensure that your User Profile includes your time zone preference (Default time zone is set to Europe/Copenhagen). To change your time zone, go to User Profile and click Edit. Under Preferences, select the appropriate Timezone, and click Save.

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Note • For the Advisory CVSS Score condition, Flexera applies the condition to the CVSS4 value if the advisory has CVSS4 data. Otherwise, the condition is applied to the CVSS3 or CVSS2 score respectively.

- 5. Click Save. The newly created Smart Group folder will now appear under My Smart Groups.
- **6.** You can now click Refresh to view the associated Overview, Devices, Products, and Advisories information. The data is calculated asynchronously, so you will need to change the group selection (or potentially refresh the page) to see the latest data.

Assessment > Overview



Note • In the Smart Groups Overview tab is a field titled "Latest data available" with the options "Yes" or "No". For Active Directory (AD) groups, a "Yes" response means that no device in the folder tree underneath the AD sent new data. For Smart Groups, a "Yes" response means no device in a customer's environment has sent new data. When a new device for either an AD group or Smart Group sends data, the "No" option appears until the group is reprocessed by the system. Once the group's results are recalculated, the "Yes" option will reappear.

Note • The products counts on the device tab represent the total number of products installed on the device, regardless of the product conditions. The products and advisories counts on the products and advisories tabs are cross conditions. For example, for conditions "Adobe Flash products, Highly critical advisories", the counts will represent: **Device product counts**: total number of products installed, not just Adobe Flash products; **Product advisory counts**: number of Highly critical advisories affecting the product; **Advisory product counts**: number of Adobe Flash products affected by the advisory.

Ensuring an Accurate Advisory Count

To ensure an accurate advisory count between the Assessment module's User Interface (which considers the user's timezone and the Assessment module's filters for the whole day) and the user-generated Assessment Report, use the following date filters to create a list of advisories released on a specific date (Example: March 31, 2018):

- For the Advisory Initial Release Date and Advisory Current Release Date conditions, enter 2018-03-01.
- In the Assessment > Advisories > Advisory List From (date) To (date) filters, enter 2018-03-01 in the From (date) filter and 2018-03-02 in the To (date) filter.

Create a Smart Groups Report

To create a Smart Groups Report, perform the following steps.

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7	ask

To create a Smart Groups report under Analytics > Reports:

- 1. Click the green + button and select Add Assessment Report.
- 2. When the **Configure New Assessment Report** pop-up window appears, under **Device Groups** select the appropriate Smart Group under the **My Smart Groups** listing.
- Select any other appropriate report conditions and click Save. The new report will be listed under Analytics > Reports.
- 4. To save the report as a CSV file or PDF file:
 - **a.** Select the appropriate Smart Group listing in the grid.
 - b. Click View Files.
 - c. Click Generate PDF.
 - d. Click **Download** once the file is generated.



Note • For recurring reports based on a Smart Group, the Smart Group contents are recalculated, based on the conditions before the report is sent out, to reflect the latest data for your selection.

Devices

The Devices page displays the details of the scan configuration status of all Devices or machines within your environment.

The Last Scanned column refers to the last time the Vulnerable Software Discovery Tool (Daemon) submitted scan data to the user interface. The time stamp in the **Last Scanned** column refers to the local time zone of the scanned server.

The **Last Processed** column refers to the last time LiveUpdate identified any new advisories that have come in since you last scanned your system.

Overview	Devices Products Advisories							
rowsing 20 devices	i							Y 4
Device Name	Platform	- System	Score ·	Is Secure	• L	ast Scan Status	▼ Days Since Last Scan	-
							Apply	Reset
					R	ilter	- Save	Delete
Vevice Name	Operating System	System Score 😄 Se	cure Products 😄 Insecure Product	s 😄 EOL Versions 😄	Last Scanned	Last Processed	Last Scan Status	Inventory Source
CSI7_QA_WIN81D	Microsoft Windows 8.1	80 21	1	4	May 22, 2018 7:33 AM	Jun 4, 2018 10:08 AM	Successful	8.0.0.309

Task	(

To view devices:

- 1. Open the Assessment > Devices > Device List page.
- 2. Click ✓ and select from the drop-down lists to filter the Devices by Device Name, Platform (Windows, macOS, or RedHat Enterprise Linux), System score (100, 80-89, 50-79, <50, Unknown, or Not Calculated), Is secure (Yes or No), and Days since last Scan.
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click an item in the grid to select Device details, Installed products, Advisories, Queue scan or Delete.
- 6. Click 🔺 to export the results to a CSV file.

Device Details

The Device Details page displays Overview, Installations and Advisories details for the selected Device.



To view device details:

1. In the **Overview** tab, click an Installed or Missing **KB Details** link to view detailed KB information. The selected KB Details will be highlighted.

verview Devices Product	Advisories	
Device Overv	iew Installations Advisories	
Device details	Products	
Name:		Secure 70
Domain:		End-of-Life 9
Organizational Unit:		Insecure 7
Scan details		
Last scanned:	Aug 27, 2018 8:00 AM	
Last scan status:	Windows Update failed (partial scan)	
Scans until now:	24	
System score		
Flexera system score:	81	
Advisories:	7	
Product details		
Insecure:	7	
End-Of-Life:	9	
Secure:	70	
Total:	86	
KB Details		
Installed:	KB4287903 KB4338825 KB4338832	
Missing:	KB2538243	

Device KB Details

Installed						
КВ	Title	Description		Published On		
<u>KB4287903</u>	Security update for Adobe Flash Player: June 7, 2018	Fixes vulnerabilities in Adob	e Flash Player on certain versions of Windows.	Jun 12, 2018 12:17 PM		
KB4338825	July 10, 2018—KB4338825 (OS Build 16299.547)	Learn more about update Ki to get the update.	B4338825, including improvements and fixes, any known issues, and how	Jul 16, 2018 4:27 PM		
KB4338832	Security update for Adobe Flash Player: July 10, 2018	Fixes vulnerabilities in Adob	ixes vulnerabilities in Adobe Flash Player on certain versions of Windows.			
Missing						
КВ	Title		Description	Published On		
KB2538243	MS11-025: Description of the security update for Redistributable Package: June 14, 2011	or Visual C++ 2008 SP1	Resolves a vulnerability in certain applications that are built by using the Microsoft Foundation Class (MFC) Library.	Apr 11, 2017 2:48 AM		
			Close			

2. Click ^{III} in the Installations and Advisories tabs to export the results to a CSV file.

×

3. In the **Installations** tab, click a Device in the grid to can find further information regarding the device's **Missing KB(s)** for insecure Microsoft products, **Product details**, and **Available Patches**.

verview	Devices > Device Details Devices Products Advisories						0
Device	e Overview Installations	Advisories					
	ns 260 Insecure Installations 2 Secure Installation	ns 241 EOL Installations	10				
		ns 241 EOL Installations	Architecture	Secure type	€ Last scan	c Path ■	L
II Installation	stallations	_	_	Secure type	 Last scan Aug 27, 2018 8:00 AM 	Path CrPogram Files/Common Files/Microsoft Shared//Comsdu@d dll	Ŧ

4. In the Advisories tab, click an SAID in the grid to view detailed information regarding the Advisory.

Device * Overview Installations Advisories Browsing 7 advisories # S4D Tabe Off Off Off Off Off Off Off Off Off Of	Browsing 7 advisories # From Image: Control of the con	ories
SND Tole Colic Colloality From Tole 	SND Tile CVE Orisoity From To 	
		CVE Gridality
CVSS Score Min CVSS Score Max Solution status T Where T Impact T Apply Rese	CVSS Score Max Solution status V Where V Impact V Appry	Solution status

Products

The Products page displays the details of all Products within your environment.

Overview Devices	Products	Advisories					
owsing 1-20 of 397 products 🧃							T
Product status	•	Product name	Vendor name				Apply Reset
					Filter	-	Save Delete
oduct name		 Vendor name 	Patch version	Insecure installations	End of life installations	Secure installations	Installations
tip 15.x			16.x	0	1	0	1
zip 16.x				0	0	4	4

📋 Task

To view products:

- 1. Open the Assessment > Products > Product List page.
- 2. Click and select from the drop-down lists to filter the Products by **Product Status** (Secure, Insecure, or EOL), Product name, and Vendor Name.
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click an item in the grid to select Product details, Installations or Advisories.
- 6. Click determined to export the results to a CSV file.

Product Details

The Product Details page displays Overview, Installations and Advisories details for the selected Product.

Task To view product details:

- - 1. In the Advisories tab, click an SAID in the grid to view detailed information regarding the Advisory.
 - 2. Click I in the Installations and Advisories tabs to export the results to a CSV file.

essment > Products > Product De	etails		? →
Overview Devices Pro	oducts Advisories		
"7-zip 16.x" Overview	Installations Advisories		
Product details		Installations	
Name: Vendor:	7-zip 16.x	Secure 0 End-of-Life 2	
Is end of life:	Yes	Insecure 0	
Research Created:	May 10, 2016		
Devices Details			
Insecure Devices:	2		
Secure Devices:	0		
Total:	2		
Product Installations			
Insecure:	0		
End-Of-Life:	2		
Secure:	0		
Total:	2		

0-1 Assessment > Products > Product Details Overview Devices Products Advisories < "7-zip 16.x" Overview Installations Advisories All Installations 9 Insecure Installations 0 Secure Installations 9 EOL Installations 0 Browsing 9 installations Ł Device Product Architecture Version Secure type Last scan Path 7-zip 16.x 16.0.0.0 Windows Intel 32-bit Secure Mar 12, 2018 10:38 AM Device details Assessment > Products > Product Details **9** - **1** Overview Devices Products Advisories ۲. "7-zip 15.x" Overview Installations Advisories Browsing 1 advisories 1 ± 🔻 = • Where • Impac

Cri

Solution Status

CVSS Score

SAID

SA70636

2016-05-18

Modified Date

2016-05-18

Title

7-zip HFS and UDF File Handling Two Vulne

Advisories

The Advisories page displays the details of all Advisories applicable to your environment.

On this page you can:

- View Advisory Details
- Create Advisory Tickets

Overviev	v Devices	Products	Adv	isories										
owsing 1-2	0 of 289 advisories	i												T
Zero Day		-	Impact	•	CVE(s)	SAID	From			То		Criticality		
Solution st	atus	-	Where	-	CVSS Score Min	CVSS Score Max						A	oply	Reset
										Filter		→ S	ave	Delete
ND	Release Date	Modified Date	• •	Title				Criticality	Zero Day	Solution Status	Where	CVSS Score	Devices	Products
<u> 482609</u>	2018-04-20	2018-04-20		Red Hat update for java-1.8.0-openjdk					No	Vendor Patched	From remote	7.6	1	1



To view advisories:

- 1. Open the Assessment > Advisories > Advisory List page.
- Click I to filter the Advisories by Zero Day (yes/no), Impact (select from the drop-down list), CVE(s), SAID, From and To dates, Criticality (select from the drop-down list), Solution status (select from the drop-down list), Where (select from the drop-down list), CVSS Minimum Score, and CVSS Maximum Score.



Note • To search for multiple advisories at the same time to determine which advisories apply to more than a single CVE for which you have interest, enter the CVEs in the **CVE(s)** filter and leave one space between entries (Example: CVE-2014-0224 CVE-2014-0160 CVE-2013-0169 CVE-2009-3555 CVE-2015-7575).

- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click a SAID in the grid to view the Advisory or click an item in the list and select Advisory details, Devices, Products or Installations that the Advisory relates to.
- 6. Click determined to export the results to a CSV file.

Advisory Details

The Advisory Details page displays Overview, Devices, Products and Installations details for the selected Advisory.

Click 🗳 in the **Devices**, **Products** and **Installations** tabs to export the results to a CSV file.

Under **Advisory Details > Overview** is a Zero Day field. Zero Day refers to a vulnerability that is actively exploited prior to its disclosure. A zero day is one criteria to increase criticality. For example, a typical "Highly Critical" vulnerability becomes an "Extremely Critical" vulnerability.

"SA81995" Overv owsing 1 products # Product name terosoft Windows 8.1 sment > Advisories > A erview Devices "SA81927" Overv Installations 22 Inse owsing 1-20 of 22 installa	Products Advisories view Devices Products ecure Installations Image: Secure Installations Image: Secure Installations	_		an 🗢 Path				(
"SA81995" Over owsing 1 products # Product name trosoct name trosoct Nindows 8.1 sment > Advisories > / erview Devices "SA81927" Overv Installations 22 Inse	Vendor name Microsof Advisory Details Products Advisories riew Devices Products C Secure Installations C Secure I							
"SA81995" Overv owsing 1 products # Product name toroadt Nindows 8.1 sment > Advisories > A erview Devices "SA81927" Overv	Vendor name Microsoft Advisory Details Products Advisories view Devices Products							(
"SA81995" Over owsing 1 products # Product name teresoft Windows 8.1 sment > Advisories > A erview Devices	Vender name Microsoft Advisory Details Products Advisories		Product details Int					(
SA81995 Overv ovusing 1 products # Product name Record Windows 8.1	Vendor name Microsoft		Product details In					(
"SA81995" Over owsing 1 products # Product name roduct name	 Vendor name 		Product details Ins					
"SA81995" Over owsing 1 products # Product name roduct name	 Vendor name 		Product details Ins					
"SA81995" Over owsing 1 products # Product name	 Vendor name 			stallations Advisories				
"SA81995" Overv	Vendor name	Patch version	Insecure installations	End of life installation	ons	Secure installations 0	Installations 6	•
"SA81995" Overv		Produ	act status 💌 Apply	Reset				
								Ŧ
	view Devices Products	Installations						
erview Devices	Products Advisories							
sment > Advisories >	Advisory Details							•
		Device d	etails Installed products A	dvisories Queue scan Do	elete			
Device Name	Operating System Microsoft Windows 8.1	System Score 82	 Secure Products 32 	 Insecure Products 5 	EOL Versions	 Last Scanned Mar 12, 2018 10:20 AM 	Inventory Source 8.0.0.300	
rowsing 14 devices	<u> </u>							
	e Devices 14 Secure Devices 0	instantations.						Ŧ
"SA81927" Overv		Installations						
ssment > Advisories > /								0-1
Description:								
Advisory Detai	e.							
Google Chrome	<u>e 61.x</u>		CPE :	N/A				
Affected opera Software	ating system and software	e						
			017-5121					
CVE references		CVE-2017-5122 CVE-2	2017-5121					
Secunia CVSS S	Scores	Base: 10, Overall: 7.4 (AV:N/AC:L/Au:N/C:C/I:C	C/A:C/E:U/RL:OF/RC:C)					
Solution Status		Vendor Patched						
Where		From remote						
Impact		Unknown, System acces	55					
Zero Day		No						
Creation Date Criticality		2017-09-22	itical					
Secunia Advisor	ry ID	SA79042						
	me Multiple Vulnerab	ilities						
Google Chroi			instand for is					
	2" Overview Device	es Products	Installations					
"SA79042 Google Chroi								

Create Advisory Tickets

From the **Assessment > Advisories > Advisory List** page, you can create advisory tickets to remediate vulnerabilities affecting your devices.

Task

To create Advisory Tickets:

1. Select the appropriate advisory in the grid and click **Create Ticket**. When the **Create Ticket** pop-up window appears, the Secunia Advisory ID will be populated in the **Advisory** field.

Overview Dev	ces Proc	lucts Advisorie											
owsing 1-20 of 224 adv	isories i												▼ ± -
SAID Re	ease Date	 Modified Date 	Title				Criticality	Zero Day	Solution Status	Where	CVSS Score	Devices	Products
SA83543 20	18-06-04	2018-06-04	Apple iTunes M	Aultiple Vulnerabilities				No	Vendor Patched	From remote	8.8 v3	1	1
				Adv	isory details	Devices	Products	Installations	Create ticket				
Create ticke	:		×										
Advisory													
SA83543													
Status													
Status			•										
Priority													
Priority			-										
Queue													
Queue			-										
Assigned to													
Assigned to			•										
Add comment													
Add comme	nt												

- 2. From the **Status** drop-down list, select the appropriate status. The default ticket statuses are **Open**, **Handled**, **Closed**, or **Irrelevant**. See Default Ticket Statuses in Ticket Manager for more information.
- **3.** From the **Priority** drop-down list, select the appropriate priority. The default ticket priorities are **Low**, **Medium**, **High** or **Urgent**.
- 4. From the **Queue** drop-down list, select a queue to assign the ticket to.
- 5. From the Assigned to drop-down list, list, select an individual to assign the ticket to.
- 6. In the Add comment field, add an appropriate comment to the ticket (mandatory).
- 7. Click Save.

Patching

The patching feature in Software Vulnerability Research remediates software vulnerabilities in third-party applications. Software Vulnerability Research provides Patch and Grouped Patch Libraries that list all patches available for your environment, provides patch templates and build packages to deploy patches, and tracks deployed patches.

- Patch Library
- Templates
- Packages
- Deployment
- Patching Tickets
- Manual Signatures



Important • Before you can patch, the following Daemon for Windows activities must be completed first.

Patch Library

The Patch Library page displays details of all patches available for your environment.

Patch Library Templates	Pack	ages Deployment										
owsing 1-20 of 74 patches 🧋												Y
Affecting my environment	-	CVE	Prod	luct name	Vendorname			Secure version		SAL	D	
Hastemplate	-										Apply	Reset
								Filter	-		Save	Delete
roduct	+	Vendor	+	Secure version	Edition	SAID Cri	ticality	y =	Has template	Las	t updated	

~	
Teals	

To view patches:

- 1. Open the Patching > Patch Library page.
- 2. Click ✓ to filter the patches by Affecting my environment (yes/no), CVE, Product name, Vendor name, Secure version, SAID, and Has template (yes/no). In the Patch Library grid, the default sorting view includes sorting first by the Vendor column (A-Z) and then by the Product column (A-Z).
- 3. Click the Apply or Reset buttons to apply or reset the page layout.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click an item in the grid to select View templates (if a template already exists), Create patch template or Build packages.
- 6. Click 🛃 to export the results to a CSV file.

Templates

The **T**emplates page displays a list of Patch templates that you have created and saved. Each template is linked to the specific product version the template was created for.

Pato	ch Library Templates Packages	Deployment							
owsin	ng 7 templates 🧃								🔻 🛓 Action
Tem	nplate name	re 👻	Language	•				Appl	Delete selected template
						Filo	er	▼ Save	Delete
	Template name	 Product 	Architecture	Edition	Languages	Created by	Created	🖨 Last uj	odated
	APR18_Oracle Java JDK	Oracle Java JDK	32-bit/64-bit			YojanaY	Apr 18, 2018 4:48 AM	Apr 18.	2018 4:48 AM

Task

To view templates:

- 1. Open the Patching > Templates page.
- 2. Click 🔽 to filter the templates by Template Name, Architecture, or Language.
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click an item in the grid to select **Edit, View Packages,** or **Delete**.
- 6. To delete multiple templates, select the appropriate templates in the grid and click the Actions button.
- 7. Click 🚨 to export the results to a CSV file.

Packages

The Packages page displays details of all packages available for your environment.

Patch Library Templa	tes Packages Deployment										
wsing 13 packages 🦸											Y 🛓
Language	▼ Package name		/endor name		Package statu	ti	*	Platform		*	Architecture Delete selected p
											Apply Res
								Filter		÷	Save Dele
Package name		Vend	or a	Status	Platform	Architecture	Minimum ve	raion	Last status update		Template name
Mozilla Thunderbird_Automatic	in to version 52.7 English (US)	Mozil	a Foundation	Ready	All	32-bit	1.0.0.0		Apr 23, 2018 3:37 AM		Mozilla Thunderbird_Automation
Mozilla Thunderbird_Automatic	in to version 52.7	Mozil	a Foundation	Ready	All	32-bit/64-bit	1.0.0.0		Apr 23, 2018 3:37 AM		Mozilla Thunderbird_Automation

∑= Task

To view packages:

- 1. Open the **Patching > Packages** page.
- 2. Click I to filter the packages by Language (select the required installation language or languages from the dropdown list), Package name, Vendor name, Package status (select Not ready, Building, Ready or Error building from the drop-down list), Platform (select All, Windows, Mac, Red Hat, Android or IOS from the drop-down list), and Architecture (select 32-bit, 64-bit or 32-bit/64-bit from the drop-down list).

- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 5. Click an item in the grid and select Details, Download, **Create deployment**, **View deployments**, or **Delete** to view the package deployment details for the selected item. Select the check boxes next to the grid items to select from the Actions drop-down menu.
 - **Details** provides information regarding the package's unique metadata and origin.
 - Download allows you to store the physical file for initial testing purposes before deploying it.
 - Create deployment provides options for where you want to publish the patches.
 - View deployments takes you to the Deployment menu. You can filter this view to show similarly deployed packages.
 - Delete packages.
- **6.** To publish or delete multiple packages, select the appropriate packages in the grid and click the appropriate option under the **Actions** button.



Note • If you choose to publish the selected packages, you must select the server(s) to publish the packages.

7. Click 🗳 to export the results to a CSV file.

Deployment

The Deployment page displays details of all patches published in your environment.

Patch Library Templates Pa	ckages Deployment								
owsing 4 deployments 🧋									T & Action
Package	Vendor	Server		From		To To		Status,	Delete selected deployment
1. Horney	(Linda)	0.090		10900				See Status	
								Apply	Reset
						Filte	r:	▼ Save	Delete
Package name	Vendor	Published to	Deployed to	Status	Count Installed	Count Failed	Count Pending	Count Not Applicable	Last status update
Apr20_Apple iTunes to version 12.7.4	Apple			Loaded	0	0	16	4	Apr 20, 2018 5:04 AM

Task

To view deployments:

- 1. Open the Patching > Deployment page.
- 2. Click 🔽 to filter the deployments by Package, Vendor, Server, From and To dates, and the Status Options:
 - Pending
 - Loaded
 - Completed

- Failed
- Pending Delete
- Deleted
- Waiting for signature
- 3. Click the Apply or Reset buttons to apply or reset the filters.
- 4. Click the **Save** or **Delete** buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.

×

- Click an item in the grid, and you should see the options Information, Refresh status (of the Daemon), Update Deployment, or Delete Deployment.
- 6. To delete multiple deployments, select the appropriate deployments in the grid and click the Actions button.
- 7. Click 🗳 to export the results to a CSV file.

Information

After clicking Information, you can view the package deployment details for the selected item.

Deployment info	rmation
Server	cm12sql
Groups	
Package name	Chrome 70.x 31st Oct to version 70.x
Product name	Google Chrome 69.x
Vendor name	Google
Status	Pending
Created	Oct 31, 2018 10:11 PM
Group Publish De	etails
Deployment task	s
Task type	Push package to Patch Server
Created	Oct 31, 2018 10:11 PM
Result	New

Deployment Information - Chrome 70.x 31st Oct to version 70.x

Update Deployment

If you need to see where a package has been published or you need to change the publishing options for one or more patches, click Update Deployment and the **Choose where to publish the patch(es)** dialog box will open. Make the needed changes and click OK.

Patching Tickets

After you Create a Workflow Rule to Create a Patching Ticket, you can view and export patching ticket information and delete patching tickets.

tch Librar	Ŋ	Templates	Packages	D	Deployment	Ticket	s								
tickets 17	2														
-	ers d														-
sing 17 ticke	ets į														T
sing 17 ticke		icket created	Queue	0	Status	Priority	٥	Product	Vendor	٥	Secure Version	Edition	Patch Criticality	\$AID	Assigned to

To view and export patching tickets: Task

- 1. Open the **Patching > Tickets** page.
- 2. To filter the results by ticket status, select one of the bold ticket statuses in the upper-left-hand corner followed by a ticket count. The default ticket statuses are Open, Waiting, Handled, and Irrelevant. See Default Ticket Statuses in Ticket Manager for more information.
- 3. Click 🔽 to filter the results by ID, From and To dates, Queue, Priority, product, vendor, SAID, and Assigned User.
- 4. Click the Apply or Reset buttons to apply or reset the filters.
- 5. Click the Save or Delete buttons to save or delete filters. You can save only one row on both the desktop and mobile UI.
- 6. Click a Secunia Advisory ID (SAID) to view detailed information related to the Advisory.
- 7. To view one ticket, click the appropriate ticket check box in the grid and select the Affected Devices (lists all devices affected by the ticket) or View, Edit, or Delete the ticket. To view multiple tickets, click the appropriate ticket check boxes in the grid and select an option from the Actions drop-down menu such as Delete multiple tickets (see Delete Patching Tickets) or Edit multiple tickets.
- 8. Click do export tickets to a CSV file.

Delete Patching Tickets

To delete Patching Tickets, perform the following steps.

Task

To delete patching tickets:

- 1. Open the Patching > Tickets page.
- 2. Insert a check mark in front of the ticket or tickets to delete.
- To delete one ticket, select **Delete** under the listed ticket in the grid. 3.
- To delete multiple tickets, select **Delete multiple tickets** from the **Actions** drop-down menu. 4.
- 5. When the "Are you sure you want to delete these tickets" pop-up window appears, click Yes.



Manual Signatures

Using Manual Signatures (also known as External Signatures) allows separating the privilege of Windows Server Update Services (WSUS) administration from the privilege to mark a package as trusted for deployment. With automatic signatures (typically, but not always, using a self-signed certificate), the WSUS administrator has full access to a digital certificate and private key that is trusted by all the machines within the organization. With Manual signatures, WSUS, and thus the WSUS administrator, does not require access to the private key.

The following sections describe how to process a manual signature:

- Enable Manual Signatures
- Deploy the Agent for a Manual Signature
- Deploy a Patch Package for a Manual Signature
- Manual Signature Notifications

Enable Manual Signatures

This section describes how to enable manual signatures and how to Share Unsigned and Signed .cab Files.

Task	То	enable manual signatures:
	1.	Connect a daemon to your Software Vulnerability Research account by going to Settings > Assessment > Update Servers & Daemon.
	2.	Select a daemon.
	3.	Click the More Info action. In the pop-up, you will see a summary of the current state: the label Digital signatures: Automatic and the button Sign packages manually .

4. Toggle the **Sign packages manually** button to create the desired state: the label **Digital signatures: Manual** and the button **Sign packages automatically**.

Daemon #73 Info	
Version: Daemon/8.0.0.305	
Daemon ID: 3b1109ff-22fa-4b4e-ab69-c2252fa7889d	
Machine ID:	
Digital signatures: Manual	Sign packages automatica
Created: 2018-02-12 06:49:40	01 0
Last connected: 2018-02-12 09:29:41	

Note • The daemon will continue to process requests from the Software Vulnerability Research server while waiting for the signed . cab file, regardless how long it takes. However, if a new agent is released during this window, the process will deploy the older version of the agent.

×

	_	Δ
_	_	
-	_	-
-	-	-

Note • Enabling manual digital signatures changes the behavior of two Software Vulnerability Research patching processes: Deploy the Agent for a Manual Signature and Deploy a Patch Package for a Manual Signature. Both processes now require a manual step to sign a . cab file before it can be deployed to WSUS. Reverting to automatic digital signatures results in future packages being signed with the certificate that WSUS is configured to use, just like occurred before the introduction of manual signature support. In all cases, the signature that is applied to a . cab file must be trusted by downstream machines, or updates will not be applied.

Share Unsigned and Signed .cab Files

To access unsigned and signed.cab files from other machines, create and share the following folders:

- Unsigned files (read only is fine): C:\ProgramData\Flexera Software\SVM\SVMPD IO\Unsigned
- Signed files (only useful if writable): C: \ProgramData\Flexera Software\SVM\SVMPD IO\Signed



Note • Altering or removing these shared folder names while a file is being signed will result in stale paths being shown in the Software Vulnerability Research user interface. Wait until no files are waiting for signatures before changing shared folder names.

Deploy the Agent for a Manual Signature

To deploy the Agent for a manual signature, perform the following steps.

Task	То	deploy the agent for a manua	l signatur	e:				
	1.	Click Deploy Agent.						
		Name	Hostname		Status	Cre		Last connecte
		ALC: UNK	-		Available	_	3-01-31	2018-02-05
			More Info	Schedule Refresh	View Servers & Grou	ps Deploy Agent	Delete Daemon	Disable Daemon
	2.	Select any target groups.						
	3.	Click Deploy Agent.						
		Daemon #73 Servers				×		
		✓ □ □	details					
		🗸 🔲 🛱 All Computers						
		comp	uters					
		🗌 🛢 Unassigned Co	mputers					
					_			

4. Once initiated, the daemon will download the current agent binary and build a .cab file containing it. Then a **Sign Agent Package** pop-up displays the location of the unsigned .cab file to deploy the agent and a location to place the signed copy of this .cab file.

	Hostname			Status		Created
				Available		2018-01-31
M	ore Info	Schedule Refresh	View Serv	ers & Groups	Sign Agent P	ackage
Manual Di Sign Agent		tures				×
Unsigned file Get the unsig	gned file from	this location: 18744c92-259f-4623-82	ab-363246e	57abe\agent-8.2.ca	ıb	
Copy Path	Open Fol	der				
Signed file Place signed	file in this loc	ation:				
W	\Inbox\a8	744c92-259f-4623-82ab	o-363246e57	7abe		
Copy Path	Open Fol	der				
			Close			

Note • These two locations have one or two buttons each. **Copy Path** will always be shown. This button copies the content of the box above it and enables you to open File Explorer and paste the path. You may also manually copy the path by selecting it and hitting CtrL+C or equivalent. If, as shown here, the machine running the daemon has been configured with the appropriate file shares, the paths will leverage this and **Open Folder** will be shown. In some browsers (notably Internet Explorer and Edge), **Open Folder** will open File Explorer to the path; in others, **Open Folder** may do nothing.

5. Copy the unsigned .cab file from the location mentioned under **Unsigned file** and invoke your organization's process for getting it signed. Once the .cab has been signed, copy the file into the folder mentioned under **Signed file**. The daemon will find the signed file, and, if the signature and chain of trust are verified, deployment to WSUS will continue.

Deploy a Patch Package for a Manual Signature

WUpdate 7-zip 15.x to 16.x

To deploy a Patch Package for a manual signature, perform the following steps.

Task	То	deploy a patch package for a manual signature:
	1.	Navigate to Patching > Packages.
	2.	Select a package.
	3.	Click Create Deployment.
	4.	Select any target groups.
	5.	Click OK .
	6.	If there are no packages, select a product in Patching > Patch Library .
	7.	Create a template if necessary, and click Build Packages . Once deployment is initiated, the daemon will download the patch package and build a.cab file containing it.
	8.	When the status Waiting for signature appears in the Status column under Patching > Deployment , click Sign Package (first screen shot below). Then a Manual Digital Signatures pop-up appears with the location of the unsigned.cab file and a location where a signed copy of this.cab file should be placed (second screen shot below).
		Package name 💠 Vendor 💠 Published to Deployed to Status Count Installed Count Failed Count Pending Count Not Applicable Last status update 🛩

OfflineSibling

0

0

Delete Deploy

0

Feb 2, 2018 12:53 PM

Manual Digital Sign	tures		3
Install/Update 7-zip	15.x to 16.x		
Unsigned file			
Get the unsigned file fro	n this location:		
C:\ProgramData\Flexera	Software\SVM\SVMPD IO\	Unsigned\6dfb56f3-4963-4e49-b277-49b8	8834ed7
Signed file Place signed file in this lo	ration:		
-		Signed\6dfb56f3-4963-4e49-b277-49b883	34ed732
Copy Path			
	Clo	ose	
	Clo	pse	

Note • These two file locations have one or two buttons each. **Copy Path** will always be shown. This button copies the content of the box above it and enables you to open File Explorer and paste the path. You may also manually copy the path by selecting it and hitting Ctrl+C or equivalent. If, as shown here, the machine running the daemon has not been configured with the appropriate file shares, the paths will be local to the machine running the daemon, and **Open Folder** will not be shown.

9. Access the daemon machine to copy the unsigned .cab file from the location mentioned under **Unsigned file** and invoke your organization's process for getting it signed. Once the .cab has been signed, copy the file into the folder mentioned under **Signed file**. The daemon will find the signed file, and, if the signature and chain of trust are verified, deployment to WSUS will continue.



Note • If multiple patch packages are all waiting for signature, it is safe to place signed **.cab** files in their respective signed paths in any order. The daemon will deploy the packages as they arrive.

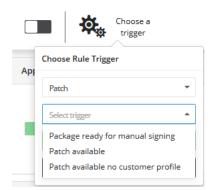
Manual Signature Notifications

Typically, there is a pause between requesting to deploy an agent and the unsigned .cab file becoming available. To address this issue, you can notify the proper users that a .cab file is ready to be signed, where to get the .cab file and place it. To receive a notification, set up a rule in **Settings > Workflow Management > Rules**.

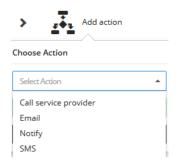
Task

To create a rule to send a notification when a. cab file is ready to be signed:

- 1. Add a new rule by clicking the green plus sign in the upper-right hand corner.
- 2. Specify a rule name, such as Manual Signing, and optionally a description.
- 3. Select the Rule Trigger channel Patch and the trigger Package ready for manual signing.



4. Add and configure any desired actions, such as Email.



- 5. Enable the rule.
- 6. Save the rule.

Once the package is ready for your signing process, the configured notifications are sent. These notifications include links to the relevant part of the Software Vulnerability Research user interface (either to the Deployment or the Daemon). These notifications also include the unsigned and signed paths, if the medium permits, as there is no further need to visit the Software Vulnerability Research user interface to complete the manual signing process.

Appendix B Appendix B - Assessment & Patching Patching Appendix B Appendix B - Assessment & Patching Patching

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Appendix C - ThreatStream

This appendix explains step-by-step process to investigate vulnerabilities and associated threat models through advanced filtering and select capabilities:

- Analyzing Threat Models and Observables
- Viewing CVE Details and Associated Flexera Advisories

Analyzing Threat Models and Observables

This topic provides step-by-step process to investigate vulnerabilities and associated threat models through advanced filtering and select capabilities.

📋 Task

To search and analyze vulnerabilities using the Threat Model feature:

- 1. Login to ThreatStream using valid credentials.
- 2. On the home page, on top right click Analyze > Threat Model. The Threat Model page appears.

ANOMALI THREATSTREAM	ANALYZE	APP STORE	0 🔒
Threat Model	Observables		New
	Threat Model	_	

3. In the left navigation, under Filter Options, check the box for **Vulnerabilities**. Details of the selected Vulnerabilities will be appeared on the right pane.

NOMALI THREATSTREA	м			ALYZE APP STORE	0
Threat Model					New
Iter Options	Search Thr	eat Model			Q Advanced
set Filters Close All	Model Type	Vulnerabilities ×			
Filter	132777 Res	ults			\$
All		TYPE :	NAME	DATE PUBLISHED	SOURCE CREATED :
Attack Patterns	>	Vulnerability	SA139891 Avaya Multiple Products Information Disclosure Vulnerability	02 Jun 2025 06:36	01 Jun 2025 22:02
Campaigns Course of Action	> 🗆	Vulnerability	SA139881 Avaya Call Management System (CMS) / Session Border Controller for Enterp	01 Jun 2025 22:37	01 Jun 2025 22:02
Custom Identities	> □	Vulnerability	SA139880 Avaya Aura Multiple Products gstreamert-plugins-bad-free Arbitrary Code Ex	. 01 Jun 2025 22:37	01 Jun 2025 22:02
Incidents	> □	Vulnerability	SA139822 vLLM Multiple Vulnerabilities	01 Jun 2025 22:37	28 May 2025 15:15
Infrastructure Intrusion Sets		Vulnerability	SA139347 Lenovo Multiple Products Intel oneAPI Privilege Escalation Vulnerability	01 Jun 2025 22:37	14 May 2025 21:07
Malware		Vulnerability	SA139345 Lenovo Multiple Products Intel PROSet/Wireless WiFi Multiple Denial of Servi.	. 01 Jun 2025 22:37	14 May 2025 21:07
Signatures Threat Bulletins	>	Vulnerability	SA139343 Lenovo Multiple Products Intel Graphics Multiple Vulnerabilities	01 Jun 2025 22:37	14 May 2025 21:06
Tools TTPs	> □	Vulnerability	SA139217 Lenovo Multiple Products BIOS Multiple Vulnerabilities	01 Jun 2025 22:37	16 May 2025 05:27
Vulnerabilities		Vulnerability	SA139009 Ubuntu update for linux	01 Jun 2025 22:37	16 May 2025 15:01

4. In the Search Threat Model search bar, search the query by:

• Search by CVSS score between a value.

ANOMALI THREATSTRE	AM			ALYZE APP STORE	0
Threat Model					New
filter Options	Last Searc	h v (model_t	ype = "vulnerability") and cvss3_score >= 6 and cvss3_score <= 8		Basic
leset Filters Close All		Filter: Net	w Save Save as Manage		
Filter	20649 Res	ults			۲
All		TYPE	NAME	DATE PUBLISHED	SOURCE CREATED
Actors	> 🗆	Vulnerability	SAT39881 Avaya Call Management System (CMS) / Session Border Controller for Enterp	01 Jun 2025 22:37	01 Jun 2025 22:02
Attack Patterns Campaigns	> 🗆	Vulnerability	SA139822 vLLM Multiple Vulnerabilities	01 Jun 2025 22:37	28 May 2025 15:15
Course of Action Custom	> □	Vulnerability	SA139347 Lenovo Multiple Products Intel oneAPI Privilege Escalation Vulnerability	01 Jun 2025 22:37	14 May 2025 21:07
Identities	> □	Vulnerability	SA139345 Lenovo Multiple Products Intel PROSet/Wireless WiFi Multiple Denial of Servi.	01 Jun 2025 22:37	14 May 2025 21:07
Incidents Infrastructure	>	Vulnerability	SA139343 Lenovo Multiple Products Intel Graphics Multiple Vulnerabilities	01 Jun 2025 22:37	14 May 2025 21:06
Intrusion Sets	, ,	Vulnerability	SA139217 Lenovo Multiple Products BIOS Multiple Vulnerabilities	01 Jun 2025 22:37	16 May 2025 05:27
Malware Signatures	20	Vulnerability	SA139009 Ubuntu update for linux	01 Jun 2025 22:37	16 May 2025 15:01
Threat Bulletins Tools	> 0	Vulnerability	SA136927 Lenovo Multiple Products AMD Security Bypass Vulnerability	01 Jun 2025 22:37	12 Mar 2025 09:41
TTPs		Vulnerability	SA135935 Lenovo Multiple Products Intel Chipset Firmware Multiple Vulnerabilities	01 Jun 2025 22:37	13 Feb 2025 06:39
Vulnerabilities.					
 Key Filters 	> 🗆	Vulnerability	SA135792 HPE ProLiant DL385 Security Bypass Vulnerability	01 Jun 2025 22:37	04 Feb 2025 18:03

• Search by CVSS score greater than a value.

NOMALI THREATSTRE	АМ		ALYZE APP STORE	0
Threat Model				New
Filter Options	Last Search 🗸 (mod	fel_type = "vulnerability") and cvss3_score >= 8		E Q Basic
Reset Filters Close All	Filter	New Save Save as Manage		
∧ Filter	14911 Results			۲
All	TYPE	NAME	DATE PUBLISHED	SOURCE CREATED
Actors	> Vulnerability	SA139880 Avaya Aura Multiple Products gstreamert-plugins-bad-free Arbitrary Code Ex	01 Jun 2025 22:37	01 Jun 2025 22:02
Attack Patterns				
Campaigns Course of Action	> Vulnerability	SA139915 Debian update for thunderbird	01 Jun 2025 21:36	31 May 2025 20:48
Course of Action	> Vulnerability	SA139944 SUSE update for xorg-x11-server-Xwayland	31 May 2025 21:37	31 May 2025 20:46
Identities	> Vulnerability	SA139946 Oracle Linux update for firefox	31 May 2025 21:37	31 May 2025 20:46
Incidents	/ Wurkerability	antipatro cristic cristi opulate for merdA	51110y 2023 21:37	511110y 2020 20.40
Infrastructure	> Vulnerability	SA139902 SUSE update for libxslt	31 May 2025 21:37	31 May 2025 20:46
Intrusion Sets	> Vulnerability	SA139903 SUSE update for ghostscript	31 May 2025 21:37	31 May 2025 20:46
Malware				
Signatures Threat Bulletins	> Vulnerability	SA139930 SUSE update for rsync	31 May 2025 21:37	31 May 2025 20:46
Tools	> Vulnerability	SA140082 SUSE update for firefox	31 May 2025 21:37	31 May 2025 20:45
TTPs				
Vulnerabilities	> Vulnerability	SA140081 SUSE update for xorg-x11-server	31 May 2025 21:37	31 May 2025 20:45

• Search by CVSS score less than a value.

NOMALI THREATSTREA	м			LYZE APP STORE	0
Threat Model					New
ilter Options	Last Search 🗸	, (model_type =	"vulnerability") and cvss3_score<= 2		🕮 🔍 Basic
eset Filters Close All		Filter: New Sa	ve Save as Manage		
Filter	15 Results				۲
All	TYPE		NAME	DATE PUBLISHED	SOURCE CREATED
Actors	> Vulne	rability	SA133952 NetApp Active IQ Unified Manager for VMware VSphere MySQL Client Inform	18 May 2025 16:45	25 Nov 2024 10:25
Attack Patterns Campaigns	> Vulne	rability	SA128438 Amazon Linux update for opensc	18 May 2025 16:55	12 Jun 2024 16:25
Course of Action	> Vulne	rability	SA126555 SUSE update for opensc	18 May 2025 16:57	13 May 2024 19:57
Custom Identities		rability	SA126281 SUSE update for opensc	18 May 2025 16:58	23 Apr 2024 22:56
Incidents Infrastructure	• •	rability	SA124336 Oracle Linux update for opensc	18 May 2025 17:02	27 Feb 2024 10:24
Intrusion Sets					
Malware	> Vulne	rability	SA124193 Oracle Linux update for opensc	18 May 2025 17:02	26 Feb 2024 20:24
Signatures Threat Bulletins	> 🗌 Vulne	rability	SA124246 Red Hat update for opensc	18 May 2025 17:02	26 Feb 2024 16:28
Tools	> Vulne	rability	SA123722 OpenSC "authentic_emu_update_tokeninfo()" Security Bypass Vulnerability	18 May 2025 17:03	14 Feb 2024 16:38
TTPs	> Vulne	rability	SA123297 OpenSC RSA Decryption Information Disclosure Vulnerability	18 May 2025 17:04	31 Jan 2024 15:03

• Similar to above TI score - between, less, greater.

NOMALI THREATSTRE	АМ		analyze app store	0
Threat Model				New
ilter Options	threat score >60 and <	70		Q Advanced
eset Filters Close All	Model Type Vulnerabilitie	×		
Filter	48 Results			۲
All	TYPE	NAME	DATE PUBLISHED	SOURCE CREATED
Actors Attack Patterns		Contractions of the second states		
Campaigns	> Vulnerability	SA137633 Apple macOS Sequoia Multiple Vulnerabilities	18 May 2025 17:33	01 Apr 2025 16:28
Course of Action	> Vulnerability	SA137921 Microsoft Windows Server 2025 Multiple Vulnerabilities	18 May 2025 17:29	08 Apr 2025 15:22
Custom Identities	> Vulnerability	SA134189 Adobe Experience Manager (AEM) Multiple Vulnerabiliti	es 18 May 2025 17:56	10 Dec 2024 18:42
Incidents	> Vulnerability	SA135193 Microsoft Windows Server 2025 Multiple Vulnerabilities	18 May 2025 18:04	14 Jan 2025 16:37
Infrastructure	> Vulnerability	SA126029 Adobe Experience Manager Multiple Vulnerabilities	18 May 2025 16:59	12 Jun 2024 18:30
Malware Signatures	> Vulnerability	SA115064 Apple macOS Ventura Multiple Vulnerabilities	18 May 2025 17:09	27 Mar 2023 15:56
Threat Bulletins	> Vulnerability	SA122214 Adobe Experience Manager (AEM) Multiple Vulnerabiliti	es 18 May 2025 17:12	12 Dec 2023 14:39
Tools TTPs	> Vulnerability	SA120164 Microsoft Windows 11 Multiple Vulnerabilities	18 May 2025 17:52	10 Oct 2023 14:33
Vulnerabilities	> Vulnerability	SA117639 Microsoft Windows 11 Multiple Vulnerabilities	18 May 2025 18:01	11 Jul 2023 15:05
Filter by CVSS 2.0 score Filter by CVSS 3.0 score	> Vulnerability	SA107832 Adobe Acrobat Reader / Acrobat Multiple Vulnerabilitie	s 18 May 2025 17:58	12 Apr 2022 14:41

• Search by CVE.

NOMALI THREATSTRE	E A M			ANALYZE APP STORE	0
Threat Model					New
ilter Options	CVE-202	5-4948			Q Advanced
eset Filters Close All	Model Typ	e Vulnerabilities ×			
Filter	9 Results	r.			۲
All		TYPE :	NAME	DATE PUBLISHED	SOURCE CREATED =
Attack Patterns	> 🗆	Vulnerability	SA139881 Avaya Call Management System (CMS) / Session Border	01 Jun 2025 22:37	01 Jun 2025 22:02
Campaigns Course of Action	> □	Vulnerability	SA139997 SUSE update for libsoup	30 May 2025 14:36	30 May 2025 13:55
Custom Identities	> □	Vulnerability	SA139833 Red Hat update for libsoup	28 May 2025 12:52	28 May 2025 10:19
Incidents	> □	Vulnerability	SA139731 SUSE update for libsoup	27 May 2025 11:36	27 May 2025 11:12
Infrastructure Intrusion Sets	> □	Vulnerability	SA139683 Red Hat update for libsoup3	27 May 2025 07:35	27 May 2025 07:13
Malware Signatures	> 🗆	Vulnerability	SA139331 Red Hat update for libsoup	27 May 2025 05:36	27 May 2025 04:58
Threat Bulletins	> 🗆	Vulnerability	SA139676 Oracle Linux update for libsoup	27 May 2025 05:37	27 May 2025 04:58
Tools TTPs	> 🗆	Vulnerability	SA139800 AlmaLinux update for libsoup	27 May 2025 05:37	27 May 2025 04:57
Vulnerabilities		Vulnerability	SA139712 Red Hat update for libsoup	26 May 2025 22:37	26 May 2025 22:13

• Search by KB Article.

NOMALI THREATSTREAM			,	NALYZE APP STORE	0
Threat Model					New
Iter Options	KB50066	570			Q Advanced
set Filters Close All	Model Typ	00 Vulnerabilities ×			
Filter	3 Result	s			٢
All Actors		TYPE	NAME	DATE PUBLISHED	SOURCE CREATED
Attack Patterns	> □	Vulnerability	SA104120 Microsoft Windows Server 2019 / 2016 / Windows 10 Multiple Vulnerabilities	18 May 2025 17:24	14 Sep 2021 16:02
Campaigns Course of Action	> □	Vulnerability	SA104567 Microsoft Windows Server 2016 / Windows 10 Multiple Vulnerabilities	18 May 2025 17:23	12 Oct 2021 16:32
Custom		Vulnerability	SA104566 Microsoft Windows Server 2019 Multiple Vulnerabilities	18 May 2025 17:23	12 Oct 2021 14:52
Identities Incidents	1				•
Infrastructure Intrusion Sets Malware Signatures Threat Bulletins Tools TTHs Vulnerabilities Filter by CVSS 20 score					
Filter by CVSS 20 score					

• Search by any string.

ANOMALI THREATSTRE	АМ		ANALYZE APP STORE	0
Threat Model				New
Filter Options Reset Filters Close All	SA119144 GNU C Library Mul	tiple Vulnerabilities		Q Advanced
	Model Type Vulnerabilities ×			
∧ Filter	1 Results			۲
All Actors	TYPE	NAME	DATE PUBLISHED	SOURCE CREATED
Attack Patterns	> Vulnerability	SA119144 GNU C Library Multiple Vulnerabilities	18 May 2025 17:06	13 Sep 2023 11:05
Campaigns Course of Action				- F
Cutom Identifies Incidents Infrastructure Infrution Sets Malware Signatures Theat Bulletins Tools The				
Vulnerabilities				
Filter by CVSS 3.0 score				

Threat Model Search Queries Table:

Search Type	Query Format
Search by CVSS score between a value	<pre>(model_type=vulnerability) and cvss3_score >= 5 and cvss3_score <= 8</pre>
Search by CVSS score greater than a value	<pre>(model_type=vulnerability) and cvss3_score >= 8</pre>
Search by CVSS score less than a value	<pre>(model_type=vulnerability) and cvss3_score <= 2</pre>

Search Type	Query Format
Similar to above TI score	TI Score Greater Than a Value
- between, less, greater	<pre>(body = threat) AND (body = score) AND (body = >50) AND (model_type = "vulnerability")</pre>
	• TI Score Less Than a Value
	<pre>(body = threat) AND (body = score) AND (body = <20) AND (model_type = "vulnerability")</pre>
	TI Score Between Two Values
	<pre>(body = threat) AND (body = score) AND (body = >50) AND (body = <70) AND (model_type = "vulnerability")</pre>
Search by CVE	CVE-2025-4948
Search by KB Article	KB5006670
Search by any string	SA119144 GNU C Library Multiple Vulnerabilities

5. Click on the desired listed vulnerability to open its detailed view. This provides information related to the selected vulnerability and associated Flexera Advisory.

	Description	Associations (2) Attachments (0) Notes History
PUBLICATION STATUS	Tenable Security (Center Multiple Vulnerabilities
Published	Secunia Advisory ID	5A138865
PUBLISHED DATE	Creation Date	2025-05-07
07 May 2025 07:35	Criticality	Moderately critical
TLP ()	Zero Day	No
Amber	Impact	System access, DoS
	Where	From local network
Watch 0 ★ Star 0 Views 0	Solution Status	Vendor Patched
∆ o Q × Share	Secunia CVSS Score	CVCS3 Base- 9.8 Overall- 77
TAGS	CVE References	CVE-2022-25927 🔴 CVE-2025-3277
E.g., First Tag, Second Tag	Threat Score	3.0 (Last Updated 2025-05-07)
VISIBILITY		
My Organization	Vulnerabilities	
My organization	CVE	CVSS*
INTELLIGENCE INITIATIVE	CVE-2022-25927	CVSS v3: 53 CVSS3:I/AV:N/ACIL/PR:N/UEN/S:U/CN/EN/A:L
Add Intelligence Initiative	CVE-2025-3277	N/A
FEED	Affected operating s	vetam and coftwara
Flexera - DEV	Software	
		rity Center (formerly Tenable.sc) 6.x
SOURCE CREATED	- Tendore Secon	ity server (server) is interested on
07 May 2025 07:01	Advisory Details:	
	Description:	
SOURCE MODIFIED	Multiple vulnerabilitie	s have been reported in Tenable Security Center, which can be exploited by malicious people to cause a DoS (Denial of Service) and compromise a vulnerable system.
07 May 2025 07:01		
	For more information:	
CV55 2.0 SCORE	SA115469 (#1)	
N/A	SA138669 (#1)	
	39130003 (41)	

6. To access more Details via SVR Application, Click the hyperlinked title within the detail view to open the SVR (Software Vulnerability Research) application for comprehensive data.

Threat Model

Description	Associations (2)	Attachments (0)
enable Security Ce	nter Multiple Vulnerab	ilities
enable Security Ce Secunia Advisory ID	nter Multiple Vulnerab SA138865	ilities

7. To see all associated observables (CVEs) linked to the selected Secunia advisory, click Association > Observables.

	Descript	ion Associa	ations (2) Attachmen	nts (0) No	otes	History					
UBLICATION STATUS ublished	OBSERV	ABLES (2)	THREAT MODELS (0)	IMPORT SESSIONS	(0)	SANDBOX	REPORTS (0				
BLISHED DATE May 2025 07:35	Type you	search									
0	2 Results										
Amber		CREATED :	ITYPE	OBSERVABLES	CONFID	COUNT	ORG :	ASN +	STATUS :	VISIBIL	TAGS
	> 🗆	07 May 2025 07:35	Risk Score for vulnerability	CVE-2022-25927	100				Active	My Orga	

Viewing CVE Details and Associated Flexera Advisories

In this section you can view detailed information about CVEs and their associated Flexera advisories.



29 Resul	ts							臣 魏
	ITYPE	SUBTYPE	INDICATOR	CONFIDENCE :	TLP :	IMPORT SOURCE	CREATED BY	SEVERITY
	Risk Score for vulnerability		CVE-2025-2487	100				Low
	Risk Score for vulnerability		CVE-2025-27220	100				Medium
	Risk Score for vulnerability		CVE-2025-27221	100				Medium
	Risk Score for vulnerability		CVE-2025-27219	100				Medium
	Risk Score for vulnerability		CVE-2023-6693	100				Low
	Risk Score for vulnerability		CVE-2024-3567	100				Low
	Risk Score for vulnerability		CVE-2025-23367	100				Medium
	Risk Score for vulnerability		CVE-2025-3891	100				Medium
	Risk Score for vulnerability		CVE-2022-25927	100				Medium
	Risk Score for vulnerability		CVE-2025-4388	100				Low
	Risk Score for vulnerability		CVE-2025-3760	100				Low

4. Click on any CVE to open its Details View. This view displays all associated Flexera Advisories related to the CVE, available under the **Vulnerabilities** tab.

ntelligence													
Created	Modified	Source Created	Source Modified	іТуре	Indicator	Country	Source	Visibility	TLP	Confidence	Saurce Repor Confidence	rted Status	Import Intel Job
07 May 2025 07:35	07 May 2025 07:35 View details	2025-05-07 06:44:24	2025-05-07 06:44:24	Risk Score for vulnerability	CVE-2025-248 7		Flexera - DEV	My Organization	N/A	100	100	Active	Add Initia
4													
ssociations													
Associations OBSERVABLE	ES (0) THREAT I	BULLETINS (0)	ACTORS (0) AT	FACK PATTERNS (0)	CAMPAIGNS (0)	COUR	SE OF ACTION	4 (0) IDENT	TTIES (O) INCIDI	:NTS (0)	INFRASTRUCTURE () INTRUSION
			ACTORS (0) AT			COUR	SE OF ACTION	I (0) IDENT	TTIES (O) INCIDI	NTS (0)	INFRASTRUCTURE (I) INTRUSION
OBSERVABLE						COUR	SE OF ACTION	I (0) IDENT	ITIES (O) INCIDI	:NTS (0)	INFRASTRUCTURE (() INTRUSION
OBSERVABLE					T MODELS (0)	COUR:	SE OF ACTION	I (0) IDENT	ITIES (O		NTS (0)) INTRUSION