Introduction

Flexera’s Software Vulnerability Manager (formerly called Software Vulnerability Manager 2019) is a vulnerability and patch management software solution that facilitates a customized patch management process. It combines vulnerability intelligence, vulnerability scanning, and patch creation with patch deployment tool integration to enable targeted, reliable, and cost-efficient patch management.

Vulnerability and patch management are critical components of any security infrastructure because they enable proactive detection and remediation of vulnerabilities before they are actively exploited and your security compromised. With Software Vulnerability Manager, IT operations and security teams are empowered to prevent vulnerability threats from both Microsoft and non-Microsoft (third-party) product vulnerabilities, covering Microsoft Windows, macOS, and Red Hat Enterprise Linux.

Software Vulnerability Manager integrates seamlessly with Microsoft® WSUS and System Center Configuration Manager.
New Features and Enhancements

Software Vulnerability Manager (On-Premises Edition) includes the following new features and enhancements:

- Publish Patches to VMware Workspace ONE
- SPS/VPM QuickPatch
- Support for Service Provider Initiated Single Sign-On
- Integrate Azure SSO with SVM
- Activity Log for Failed Login Attempts
- Other Enhancements/Improvements
- Binary Versions Changed

Note • To see the following new features and enhancements in your Software Vulnerability Manager (On-Premises Edition) interface, you must refresh your browser’s cache (press Ctrl+F5).

Publish Patches to VMware Workspace ONE

Software Vulnerability Manager can now publish SPS and VPM patches to VMware Workspace ONE.

This new capability requires a new version of patch daemon, released as a part of SVM Toolkit that can be downloaded at SVMClientToolkitInstall.msi

To publish patches to Workspace ONE, it will be necessary to configure patch daemon with valid Workspace ONE connection details.

Once the connection to Workspace ONE is configured, you can use either Patch Automation or Create Update Package wizard (ActiveX) to publish SPS and VPM patches to Workspace ONE.
SPS/ VPM QuickPatch

This update of Software Vulnerability Manager introduces QuickPatch. This is a new and quick way for non-IE browsers to publish patches from SVM to an end-point management system with no dependency on ActiveX. QuickPatch publishes patches to end-point management system via Patch Daemon using defaults (no customizations).

![Software Vulnerability Manager](image)

Support for Service Provider Initiated Single Sign-On

Software Vulnerability Manager Cloud Edition can now initiate Single Sign-On via Identify Provider for authentication. You can click on Use single sign-on on the SVM login page and then provide your official email address to be automatically redirected to the configured Identity Provider to initiate login process.

![Login](image)

Integrate Azure SSO with SVM

This feature will enable the users to authenticate with Identity Provider (IdP) like Azure within your organization.

To configure this feature go to **Configuration > Settings > Service Provider Configuration**.

**Single Sign-On** can be enabled from the **Configuration > Settings > Service Provider Configuration** page.
Activity Log for Failed Login Attempts

All the failed login attempts will now be logged in the Activity Log.

Other Enhancements/Improvements

Following enhancements/improvements are added to SVM in this release:

- **SVM-Intune Integration**
  - SVM can now wrap multiple paths, used as detection rules for a package, into a single PowerShell Script and add it as a custom detection script, when a package is published to Microsoft Intune.
  - For few SVM packages, after the installation on an end point, the return code was not correctly sent back to Intune which resulted in incorrect deployment status of these packages in the Intune console. This issue is fixed now. Return code for all the packages are now sent back to Intune for accurate tracking of package deployment status.

- **Patch Daemon**
  - Clicking on Test SVM Connection button in the SVM Connection tab of Patch Daemon, to generate a new token, upon its expiration, required the Patch Daemon service to be restarted for the connection to be successful. Patch Daemon is now enhanced to be more robust to handle new tokens, without the need to restart the service.
Binary Versions Changed

The following are the version of the binaries provided:

Binaries (ActiveX/Agent/Daemon) version: 7.6.1.15

Software Vulnerability Manager Client Toolkit: 5.0.XXX (download SVM Client Toolkit).

Known Issues

The following table lists the known issues in Software Vulnerability Manager (On-Premises Edition):

<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IOJ-2191902</td>
<td>Adobe Digital Editions 4.x showing wrong advisory mapping and criticality status in VPM view.</td>
</tr>
<tr>
<td>IOJ-2177891</td>
<td>Some applications do not appear when not installed to their default location.</td>
</tr>
<tr>
<td></td>
<td>• Java is often included with other applications. When vulnerable, the application that installed Java should be patched. Deploying a Java patch will only update/install Java to its standard location and will not patch the instance shipped with a third-party product. To avoid confusion and improper patching attempts, SVM intentionally scans for Java only in standard locations.</td>
</tr>
<tr>
<td></td>
<td>• If you would like to ensure known instances appear in scan results, you may choose to add a custom product in Custom Scan Rules.</td>
</tr>
<tr>
<td></td>
<td>• Choose Custom Scan Rules from the Filter Scan Results node under the Scanning menu.</td>
</tr>
<tr>
<td></td>
<td>• Click New Custom Scan Rule.</td>
</tr>
<tr>
<td></td>
<td>• Enter the name and browse the file that you wish to have appear in scan results.</td>
</tr>
</tbody>
</table>

Resolved Issues

The following table lists the customer issues that were resolved in Software Vulnerability Manager (On-Premises Edition):

<table>
<thead>
<tr>
<th>Issue</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IOJ-2175914</td>
<td>Error while publishing uninstall package using SVM Patch Daemon.</td>
</tr>
</tbody>
</table>

Community Blogs

Please subscribe to latest news on Software Vulnerability Manager by going to https://community.flexera.com/t5/Software-Vulnerability/bg-p/SoftwareVulnerabilityManagementblog and clicking on subscribe.
Product Feedback

Have a suggestion for how we can improve this product? Please share your feedback with the product team by visiting the Software Vulnerability Manager Forum in the Flexera Community:

https://community.flexera.com/t5/Software-Vulnerability/bd-p/SVM-Discussion

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