

# Data Platform 2022 and 5.5.x Release Notes

May 2022

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**Note:** Monthly releases after 5.5.35 are cumulative. This document contains all changes since 5.5.35.

# About This Document

This document provides an overview of the changes included in each release. It contains the following sections:

- [Deployment \(Data Platform 2022\)](#)
- [Deployment \(Data Platform 5.5.x\)](#)
- [Change History \(Data Platform 2022\)](#)
- [Change History \(Data Platform 5.5.x\)](#)

## Deployment (Data Platform 2022)

Data Platform 2022 release comes as a full installer. Please refer to the [Data Platform Installation Guide](#) to deploy this release.

## Deployment (Data Platform 5.5.x)

To deploy the 5.5.x release (patch set), perform the following steps.

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**Task:** *To deploy the 5.5.x release (patch set):*

1. Click **Sync** on the Data Platform user interface.
2. Wait for the catalog sync to finish.
3. Click the **Details** link on the Patch Set banner to invoke the patch set content dialog.
4. Click the **Apply** link to start the deployment.
5. Click **Close** when finished.

## Change History (Data Platform 2022)

Data Platform 2022 is a new market version of Data Platform. It brings cumulative updates from prior Data Platform 5.5.x releases in a simple full installer that will be straightforward for most of our customers to deploy.

Customers who are behind on Data Platform 5.5.x patch version are recommended to take advantage of this new market version.

Customers who are up to date with the latest 5.5.x patch version who do not need to deploy a full installation are recommended to continue with the regular monthly patch route, as their Data Platform version will be updated to the new market version 2022 automatically.

The following are some of the highlights of new features that Data Platform 2022 brings:

- Instant reports in User Console: pre-populated reporting for quick delivery of data insights toward common strategic initiatives
- Support for certificate authentication: standardized infrastructure support for highly secure organizations including the implementation of CAC (Common Access Card)
- Reports management in User Console using multi-level folders: organize your reports and set permissions for effective collaboration within the business
- Enhanced mapping cube in User Console: improved transparency into normalization process for your data so you can troubleshoot and create private catalog items easier with increased visibility
- Standardized mashup: simplified wizard-driven process for improved experience with data mashup—point-and-click updates to contextualize your discovered inventory
- Roll-up of open-source software (OSS) to operating system (OS) distro: increase efficiency and effectiveness by identifying OSS within the OS to roll up things like maintenance and support within the organization
- Optimized support for discovery sources like BMC discovery and Helix, Tanium, BigFix, FNMS, and HPUD
- Additional performance enhancements to Normalize, Technopedia details page, Catalog sync, and User Console experience
- Optimized compatibility with the Scoped App ServiceNow integration, covering native tables integration (including the lifecycle data), IRE compatibility, and the latest major improvement in transform processing time.

## Change History (Data Platform 5.5.x)

The following tables details the change history for the following releases:

- [5.5.53 Release \(May 2022\)](#)
- [5.5.52 Release \(April 2022\)](#)
- [5.5.51 Release \(March 2022\)](#)
- [5.5.50 Release \(February 2022\)](#)
- [5.5.49 Release \(January 2022\)](#)
- [5.5.48 Release \(December 2021\)](#)
- [5.5.47 Release \(November 2021\)](#)
- [5.5.46 Release \(October 2021\)](#)
- [5.5.45 Release \(September 2021\)](#)

- [5.5.44 Release \(August 2021\)](#)
- [5.5.43 Release \(July 2021\)](#)
- [5.5.42 Release \(June 2021\)](#)
- [5.5.41 Release \(May 2021\)](#)
- [5.5.40 Release \(April 2021\)](#)
- [5.5.39 Release \(March 2021\)](#)
- [5.5.38 Release \(February 2021\)](#)
- [5.5.37 Release \(January 2021\)](#)
- [5.5.36 Release \(December 2020\)](#)
- [5.5.35 Release \(October 2020\)](#)

## 5.5.53 Release (May 2022)

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
35224	Resolved an issue with Analyze data load failing with a Merge error.	User Console
35086	Resolved an issue with catalog sync.	User Console
33559	Resolved an issue with Keep history feature.	Data Platform
35021	Updated DLL files for MYSQL database.	Data Platform
35051	Added support for additional special characters for passwords: <ul style="list-style-type: none"> <li>• LDAP Account :- :'"=Normalize: IT Assets</li> <li>• Database Account :- =;'</li> <li>• 3) WA Account:- =&lt;&gt;:\</li> </ul>	Data Platform

## 5.5.52 Release (April 2022)

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
35142	Resolved an issue with saving a report in CSV format on Chrome OS.	User Console
35101	Resolved an issue with patch upgrade due to invalid function name GET_BDNA_DATA_TYPE. This only impacts customers on oracle.	Data Platform
35079	Resolved an issue with viewing extractor config files in Admin Console.	Data Platform
34902	Upgraded Tomcat version to 9.0.62.0.	User Console
35051	Resolved an issue with duplicate OS in software installation table in ServiceNow.	Data Platform
35090	Resolved an issue with Data Platform returning ServiceNow netgear mapping without class_name attribute.	Data Platform

## 5.5.51 Release (March 2022)

### New Features

The following table lists the new features in this release.

ID	Description	Product
35060	<p>Added the ability to resume a ServiceNow job from the point of failure using command line option.</p> <p>Data Platform using NormalizeCMD has the capability to “resume” a process from certain checkpoints (such as mapping, publish, load analyze). This functionality has been extended to the ServiceNow integration. A customer will not have to redo import, mapping and publish if those steps have already completed. They will be able to run a NormalizeCMD command and have Data Platform “resume” from point of failure.</p>	Data Platform

ID	Description	Product
35010	Added the ability to export private catalog and mapping from Admin Console UI. The button is available under <b>Preferences</b> .  This will generate a .zip file under the downloads folder and will be named:  tpc_export_<date_time>.zip, such as tpc_export_20220103_1837.zip	Data Platform

## Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
35099	Resolved an issue with Normalize failing with the following error: The select list for the INSERT statement contains more items than the insert list	Data Platform
34979	Resolved an issue with records getting created in the SAM SW installation table in ServiceNow.	Data Platform
34841	Resolved an issue with catalog hang during analyze load step.	Data Platform

## 5.5.50 Release (February 2022)

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
35081	Resolved a normalize error "Invalid column name 'INSTALLDIR'" after applying 5.5.49	Data Platform
34999	Resolved a UI issue with downsizing a browser window	User Console
34983	Resolved an issue during publish with Pass through A after applying patch 5.5.47	Data Platform
34683	Resolved an issue with incorrect CPU core count being pushed into ServiceNow.	Data Platform
34953	Resolved an issue with data mismatch between MATCH_HOST_SW_PROD.DISC_SW_PROD_ID and MATCH_HOST_SW_INSTANCE.INST_GRP	Data Platform

ID	Description	Product
34862	Enhanced the FNMS extractor to extract disk space from FNMS	Data Platform

## 5.5.49 Release (January 2022)

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34992	Improved performance of the BDNA_A_Cubes view.	User Console
34983	Resolved an issue with Pass-Through-A in publish.	Data Platform
34780	Resolved multiple issues with the BMC API extractor.	Data Platform
34717	Resolved an issue with the Bigfix extractor -String or binary would be truncated.	Data Platform
34703	Resolved an issue with adding/editing software private catalog.	User Console

## 5.5.48 Release (December 2021)

### New Features

The following table details the new features in this release.

ID	Description	Product
34564	Added support for Windows Server 2022.	User Console, Data Platform
34185	<p>Enhanced Platform Types Identification in the following cubes:</p> <ul style="list-style-type: none"> <li>• Normalize: Assets</li> <li>• Normalize: IT Assets</li> <li>• Technopedia: Software.</li> </ul> <p>Replaced the Dimension <b>Software Release Platform</b> with <b>Software Platform</b> and added the following fields:</p> <ul style="list-style-type: none"> <li>• SW Product Platform</li> <li>• SW Product Platform Type</li> <li>• SW Release Platform</li> <li>• SW Release Platform Type.</li> </ul>	User Console

## Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34966	Replaced all log4j files in the product to version 2.17.	User Console
34995, 34959, 34929	Resolved several vulnerabilities in User Console.	User Console
34935, 34934, 34932, 34931, 33400	Resolved several vulnerabilities in Admin Console.	Data Platform
34892	Added ARL reports to the following cubes: <ul style="list-style-type: none"><li>• Normalize: IT</li><li>• Normalize: IT Assets</li><li>• Normalize: IT Security</li><li>• Technopedia: Software</li></ul> Fields: <ul style="list-style-type: none"><li>• ARL ID</li><li>• Is Primary SW Release ID?</li><li>• Is Primary ARL ID?</li><li>• Publisher</li><li>• Product</li><li>• Version</li><li>• Edition</li><li>• Name</li><li>• Classification</li></ul>	User Console

## 5.5.47 Release (November 2021)

The following table details the change history for this release.

ID	Description	Product
33574	Enhanced the HPUD extractor to extract Network Devices.	Data Platform
34757	Resolved a Java vulnerability in User Console.	User Console

ID	Description	Product
34806	Resolved an issue with normalize failure during import due to the time format on the Data Platform server set to <i>dd-mm-yy</i> .	Data Platform
34807	Updated the FNMS extractor to improve the performance of the OS query.	Data Platform
34816	Fixed an issue with concatenation in the SNOW Computer ServiceNow import query.	Data Platform
34590	Resolved an issue with the SAID link in the vulnerability report.	User Console
34730	Resolved an issue with saving a data source after edit.	Data Platform
34747	Resolved multiple security vulnerabilities for User Console.	User Console
34746	Resolved multiple security vulnerabilities for Data Platform.	Data Platform

## 5.5.46 Release (October 2021)

The following table details the change history for this release.

ID	Description	Product
34776	Added the ability to select the API option for HCL BigFix (formerly IBM Tivoli Endpoint Manager).	Data Platform
34759	Resolved a Publish Error in procedure PUBLISH_PTA_ADDREMOVE after applying patch 5.5.44.	Data Platform
34686	Resolved an issue with saving an existing process after editing.	Data Platform
34461	Resolved a performance issue with inserting into Match_All_addremove table during Normalize.	Data Platform
34660	Resolved an issue with deleted Private Catalog data appearing in Analyze reports.	User Console
34587	Added the ability to load software install path from ServiceNow into Publish tables.	Data Platform
33940	Improved performance for incremental catalog sync on Oracle database.	Data Platform
34747	Fixed a vulnerability issue with Credential Management: Sensitive Information Disclosure.	User Console

## 5.5.45 Release (September 2021)

The following table details the change history for this release.

### New Features

The following table details the new features in this release.

ID	Description	Product
34633	Enhanced the Helix extractor to include Network Devices.	Data Platform
34592	Improved performance of the “Calling Analyze to load inventory” step.	Data Platform
34501	Updated the FlexNet Manager Suite extractor to read data from the FlexNet Manager Suite normalized table.	Data Platform
34536	Updated the Helix extractor to include software packages.	Data Platform
34190	<p>Technopedia—ARL Crosswalk in User Console.</p> <p>Added a feature to allow Data Platform customers who also own FlexNet Manager Suite to see the corresponding ARL titles (Application Recognition Library, the catalog being used in FlexNet Manager) for each Technopedia applications in their inventory.</p> <p>Added a new dimension “Flexera Software ARL” in the following cubes for Analyzer and Interactive reports:</p> <ul style="list-style-type: none"><li>• Technopedia: Hardware</li><li>• Technopedia: Software</li></ul> <p>Added 3 new columns:</p> <ul style="list-style-type: none"><li>• ARL ID</li><li>• Is Primary SW Release ID?</li><li>• Is Primary ARL ID?</li></ul>	User Console
33969	Enhanced the Mashup capability in the Admin UI. Please check the Data Platform Blog in the Flexera Community for more details.	User Console

## 5.5.44 Release (August 2021)

The following table details the change history for this release.

### New Features

The following table details the new features in this release.

ID	Description	Product
34565	<p>Added the ability view To-Be-Deleted entries for HW in User Console.</p> <p>Added a new dimension 'Hardware To Be Deleted' in following HW Technopedia Cubes:</p> <ul style="list-style-type: none"><li>• Technopedia: Hardware</li><li>• Technopedia: Hardware Procurement</li><li>• Technopedia: Hardware Security</li></ul> <p>The new dimension will include following fields:</p> <ul style="list-style-type: none"><li>• HW Is To Be Deleted?</li><li>• HW To Be Deleted Reason</li><li>• HW Replacement ID</li><li>• HW To Be Deleted Date</li></ul>	User Console

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ID	Description	Product
34188	<p>Enhanced the Analyzer report in the mapping cube.</p> <p>Added the following two new dimensions:</p> <ul style="list-style-type: none"> <li>• Software</li> <li>• Private Indicator</li> </ul> <p>Added the following two new fields:</p> <ul style="list-style-type: none"> <li>• Hidden</li> <li>• Hidden Reasons</li> </ul> <p>In the <b>Mapping</b> cube for analyzer reports.</p> <ul style="list-style-type: none"> <li>• We can see the status for all evidence (Mapped/Irrelevant/Unknown)</li> <li>• We can see the hidden evidence and the reason why it is hidden.</li> <li>• We can see the Technopedia entries (SW Component/SW Manufacturer/SW Name/SW Version/SW Edition/SW Release ID) for mapped evidence.</li> <li>• We can see which mappings are private.</li> </ul>	User Console

## Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34415	Updated BigFix API extractor to retrieve Last Scan Date.	Data Platform
34530	Resolved an error in Normalize due to the Match_Host_SW_Instance_temp table not dropping after previous job completes.	Data Platform
34555	Updated Helix extractor to extract Serial Number.	Data Platform
34534	Updated the behavior for generating the DISC_XXXX_PTA tables. When running the pass-through_A task, we will determine whether there is a similar table, if it exists, we will insert into this table instead of creating a new DISC_XXX_PTA table.	Data Platform

ID	Description	Product
34581	Resolved an error with the Analyze load step as a column of the DIM_N_MUPT_HOST_HN table was not long enough for the data source value. We added logic it is necessary for DIM_N_XXX_XX table that automatically increases the column length.	User Console

## 5.5.43 Release (July 2021)

The following table details the change history for this release.

### New Features

The following table details the new features in this release.

ID	Description	Product
34564	<p>Add a new dimension <b>Software To Be Deleted</b> in the following SW TP Cubes:</p> <ul style="list-style-type: none"> <li>• Technopedia: Software</li> <li>• Technopedia: Software Procurement</li> <li>• Technopedia: Software Security</li> <li>• Technopedia: Software Virtualization Compatibility</li> <li>• Technopedia: Software Windows Readiness</li> </ul> <p>The new dimension will include following fields:</p> <ul style="list-style-type: none"> <li>• SW Is To Be Deleted?</li> <li>• SW To Be Deleted Reason</li> <li>• SW Replacement ID</li> <li>• SW To Be Deleted Date</li> </ul>	User Console

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34435	Resolved an error with Query Editor.	User Console
34426	Improved performance for delta catalog sync in Oracle.	Data Platform
34415	Updated the Bigfix API extractor to correctly update Last Scan Date.	Data Platform

ID	Description	Product
34310	Fixed a loading failure when clicking on <b>Show Details</b> in Analyzer report.	User Console
34516	Updated the field name <b>Threat Score</b> to <b>Vuln Threat Score</b> in both <b>Interactive</b> and <b>Analyzer</b> report for consistency.	User Console

## 5.5.42 Release (June 2021)

The following table details the change history for this release.

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34519	Improved performance of the Normalize process during publish step.	Data Platform
34459	Resolved an issue in the FlexNet Manager Suite extractor with a join in the ProductFileInfo and SystemSoftwareFile query.	Data Platform
34414	Improved performance of the Search Index step during the Normalize process.	Data Platform
34446	Resolved an issue with report loading after CVSS fields are added to the report.	User Console
34313	Improved performance of the mapping step during the Normalize process.	Data Platform
34362	Resolved a hang issue with patch upgrade to 5.5.40.	User Console
34417	Resolved an issue in the HP XSF output to add '/' at the end of the path for Unix Machines if '/' is missing and add '\' at the end of the path for other OS if '\' is missing.	Data Platform
34432	<p>Added the following fields in analyze report (dimension: 'Common Platform Enumeration'):</p> <ul style="list-style-type: none"> <li>SW Vuln Count</li> <li>SW Threat Score</li> </ul> <p>Added the following fields in the interactive report (dimension: 'Measures'):</p> <ul style="list-style-type: none"> <li>SW Instance Vuln Count</li> <li>SW Instance Threat Score</li> </ul>	User Console

ID	Description	Product
<b>34291</b>	Resolved several security issues: <ul style="list-style-type: none"> <li>Resolved an issue with persistent authentication cookie.</li> <li>Resolved an issue with the web server hosting Data Platform and User Console disclosing the server type and version in the HTTP header response.</li> <li>Resolved an issue with login user stored in local storage.</li> </ul>	Data Platform/User Console

## 5.5.41 Release (May 2021)

The following tables detail the change history for this release.

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
<b>34046</b>	Resolved an issue with sort by Create Date.	User Console
<b>33559</b>	Resolved an issue with Keep History retaining data for each normalize run irrespective of the setting.	Data Platform
<b>34308</b>	Converted the SNOW_DISK view to a table for improved performance during a normalize run.	Data Platform
<b>33779</b>	Resolved an issue with ADDM job failing due to SQL deadlock	Data Platform
<b>34231</b>	Resolved an issue with accessing the SAID link in the Vulnerability Report.	User Console
<b>34334</b>	Updated extractor for FNMS <ul style="list-style-type: none"> <li>Fixed the OS data extracted</li> <li>Fixed an issue with ProductFileInfo query</li> </ul>	Data Platform
<b>34212</b>	Resolved an issue with Private Catalog not visible in Analyze reports	User Console

## New Features

The following table details the new features in this release.

ID	Description	Product
33964	<p>Added the ability to track Hardware lineage due to changes in vendorship/ownership.</p> <p>Open User Console, under the following cubes for both interactive/analyze reports:</p> <ul style="list-style-type: none"><li>• Normalize: Assets</li><li>• Normalize: IT Assets</li><li>• Technopedia: Hardware</li></ul> <p>Added the following fields:</p> <ul style="list-style-type: none"><li>• HW Former Product</li><li>• HW Later Product</li><li>• HW Oldest Product</li><li>• HW Latest Product</li></ul>	User Console
34184	<p>Inclusion of Additional Categories from Legacy Non-IT Verticals such as Building Technologies, Finance and Banking, Health and Medical into the core Technopedia Catalog.</p>	Data Platform
34069	<p>Updated FNMS Create Process UI to provide the option to filter on Computer Status.</p>	Data Platform

## 5.5.40 Release (April 2021)

The following tables detail the change history for this release.

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34169	<p>Resolved an issue with data truncation of the key column of MUPT table.</p>	Data Platform
33734	<p>Resolved an issue with users in a group not being able to see a shared folder.</p>	User Console
34241	<p>Resolved an error during Publish ERROR PUBLISH_DYNAMIC_TABLES.</p>	Data Platform

## New Features

The following table details the new features in this release.

ID	Description	Product
33734	Improved performance on the Technopedia details page for manufacturer, software, release, hardware, and hardware model.	User Console
34240	Added a new dimension, <b>Software Instance Date</b> , for SW Install and SW Last Use -Year, Quarter, Month and Date under the following cubes for Analyzer and Interactive reports: <ul style="list-style-type: none"><li>• Normalize: IT</li><li>• Normalize: IT Assets</li><li>• Normalize: IT Security</li><li>• Normalize: Assets</li></ul>	User Console
33606	Added support for Microsoft Edge Browser.	Data Platform, User Console
33976	Added support for BMC Discovery 12.0.0.2, Enterprise Edition-API extractor. This can be selected in the Admin Console, under the BMC ADDM Data Source and by clicking the API radio button.	Data Platform
34143	Added the ability to show properties for software fields (SW Manufacturer, SW Name, SW Market Version, SW Version, and SW Edition). To enable this, edit: %NORMALIZE_BI_HOME%\conf\NBI.Configuration.config Search for <b>ShowProperties</b> , change the value from <b>False</b> to <b>True</b> , and restart the User Console service.	User Console
33558	Added the ability to automate the process of running Tanium Standalone Extractor via command line. Find the details here: <a href="#">Instructions to automate the process of running Tanium Standalone Extractor via command line</a>	Data Platform

## 5.5.39 Release (March 2021)

The following tables detail the change history for this release.

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
34012	Improved performance on search index step during full catalog load.	User Console
33909	Resolved an issue with users in a group not being able to see a shared folder.	User Console

### New Features

The following table details the new features in this release.

ID	Description	Product
33965	Added the ability to query software library/plug-in information.  The following new table was added: TCAT_SW_PRODUCT_LIBRARY  The following new endpoint was added: api/v1.1/sw_product_library	Data Platform
34082	Added a new field named <b>CVE Reference</b> under the Software Vulnerability dimension in the IT-Security cube to show CVE vulnerability on a host.	User Console
33350	Added the ability to roll up open source software (OSS) components to the operating systems they are bundled with.  The following new tables were added: TCAT_OSS_LINK TCAT_EMBEDDED_LINK  The following new endpoints were added: api/v1.1/oss_link api/v1.1/embedded_software	Data Platform

## 5.5.38 Release (February 2021)

The following tables detail the change history for this release.

### Resolved Issues

The following table lists the resolved issues in this release.

ID	Description	Product
33887	Improved performance on a query during load ETL step.	User Console
33248	Resolved a UI issue when downsizing the browser window.	User Console
33525	Updated the calculated EOL Date logic to not conflict with <b>Is Supported</b> flag.	User Console
33321	Resolved an issue with cube selection to consider license key restrictions.	User Console
34051	Improved performance during ServiceNow import by converting SNOW_MANUFACTURER view to physical table.	Data Platform

### New Features

The following table details the new features in this release.

ID	Description	Product
33791	Added logs to track adding/updating/deleting a data source in Admin Console. This can be found in the following directory:  <Data Platform Install Directory> \NormalizeConsole\App_Data\log\web.log	Data Platform
33852	<b>INV DATE</b> drop down is sorted in chronological order.	User Console

## 5.5.37 Release (January 2021)

The following table details the change history for this release.

ID	Description	Product
32658	Resolved an issue with adding SW Count measure field in interactive report.	User Console
33717	Resolved an issue with editing private catalog data in Technopedia detail page.	User Console
33893	Encrypted the Oauth token in the database used during ServiceNow integration.	Data Platform

ID	Description	Product
33153	Added the IP address field to interactive report in the IT-Security cube.	User Console
33803	Enhanced the FNMS extractor to extract more OS evidence.	Data Platform

### 5.5.36 Release (December 2020)

The following table details the change history for this release.

ID	Description	Product
33656	Resolved an issue with Normalize failing when inserting into the DISC_LOGICAL_DISKS table.	Data Platform
33688	Resolved an issue with count discrepancy in MATCH_ADD_REMOVE and DISC_ADD_REMOVE TABLES.	Data Platform
33700	Resolved an issue with HP-XSF normalize job failure.	Data Platform
33716	added GS_CCM_RECENTLY_USED_APPS_HOST to casper10.extractor(mysql).config	Data Platform
33718	Added support for Oracle 19C	Data Platform User Console
33905	Changed Windows service display name from "BDNA" to "Flexera".	Data Platform User Console
33385	Added ability to pin favorite reports to User Console Home Page.	User Console
33386	Added ability to organize User Console reports in folders/subfolders.	User Console
33469	Upgraded PostgreSQL to 13.1.	User Console
33869	Added these new hardware inventory and lifecycle reports: <ul style="list-style-type: none"> <li>• HW Manufacturer Sprawl</li> <li>• HW Subcategory Sprawl</li> <li>• HW Model Sprawl</li> <li>• Hardware Currency</li> </ul>	User Console
33883	Upgraded Java Version to 1.8.0_271.	User Console

## 5.5.35 Release (October 2020)

The following table details the change history for this release.

ID	Description	Product
33303	Resolved an issue with the Tanium extractor not extracting OS version.	Data Platform
33616	Added a setting to bypass proxy for ServiceNow while continuing to use proxy server settings for Technopedia sync.  Edit Bin\BDNA.API.SNOW.dll.config Search for "WebProxyConfig_BypassSettingsFromDataPlatform" Set the value to "1" as <add key="WebProxyConfig_BypassSettingsFromDataPlatform" value="1" /> Save BDNA.API.SNOW.dll.config Restart Data Platform Service.	Data Platform
33618	Resolved an issue with Mashup failing due to host_id column being added repeatedly to disc_mupt_host_mid table.	Data Platform
33362	Added Certificate Authentication that leverages PKI to authenticate and authorize users via digital certificates that can be stored and secured on a computer or on a smartcard device. Enterprises that rely on PKI to authenticate users in a Windows environment where Active Directory is also deployed can now configure Data Platform and User Console to use the same PKI to accomplish the same without the requirement of proxies or other intermediary devices.	Data Platform
33253	Resolved an issue with inconsistent reporting on SYS Hostname and OS Name fields. This is caused as both old and new data for some inventory is kept in some dim tables until we delete the inventory. Added additional cleanup on Dim table to match Fact tables.	User Console
33536	Resolved an issue with incorrect Grand Total for some columns.	User Console

# Legal Information

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