

BigFix Inventory 11.0.7.0 Release Notes

This document provides information about the BigFix Inventory application update 11.0.7.0. The update is cumulative and contains changes provided in the previous updates.

Name of the component	Version	Updated in this Release
BigFix Inventory Site	14	Yes
BigFix Inventory Server	11.0.7.0	Yes
BigFix Inventory Server: ILMT Core library	9.2.42.0	Yes*
BigFix Inventory Server: ILMT Catalog	9.2.42.3-20251201-1814	Yes*
BigFix Inventory Server Software Catalog	20260308	Yes*
BigFix Inventory Scanner Software Catalog - Major	2638990	Yes*
BigFix Inventory Scanner	11.0.42.0 Under the BigFix Scanner site	Yes
BigFix Inventory Disconnected Scanner	11.0.7.0 9.2.42.0 on IBM i	Yes Yes
BigFix Inventory Container Solution Packages	11.0.7.0	Yes
BigFix Inventory VM Manager Tool	11.0.7.0	Yes
SAP Metric Data Collector	11.0.7.0	Yes
BigFix Inventory Image Scanner Script	11.0.7.0	Yes
BigFix Inventory Image Scanning Service	11.0.7.0	Yes
BigFix Inventory Cloud Adapter	11.0.7.0	Yes
Software Data Harvesting Tool for BigFix Inventory	1.1	No
BigFix Inventory Keystore Migration Tool	1.0	No
BigFix Inventory Utility	1.1	No

* Included in the server installation package

Allowed Upgrade Path

Important! It is recommended to restart the BigFix Inventory Server after successful database schema upgrade to ensure proper initialization of internal information about current database schema.

It is recommended to upgrade the BigFix Inventory server and tools frequently to benefit from new features and security fixes. Please plan at least one upgrade per year.

BigFix Inventory Server allows the direct upgrades from a limited number of past releases. For version 11.0.7.0, the minimal version for direct upgrade path is 10.0.16.0.

For more information about supported systems, refer to the [Detailed System Requirements](#).

The Central VM Manager Upgrade Considerations

The Central VM Tool on Linux cannot be upgraded independently. It should be updated only when the BigFix Inventory server is upgraded.

Additional Upgrade Considerations

VM Manager Tool and SAM Metric Data Collector Tool - In the case of user customizations in log4j2.xml it is advised to create a backup of the file before update.

License Optimizer dashboard extended with Microsoft SQL Server products

A dedicated License Optimizer dashboard is provided for Microsoft SQL Server Enterprise Edition and Microsoft SQL Server Standard Edition, providing insights and essential tools to optimize licenses and reduce costs taking into account the specific license type. For more details, see [the documentation](#).

Health Check dashboard and software scan status

The new version of Health Check dashboard includes a summary of software and hardware scan health in the infrastructure, with statuses grouped into Success, Partial and Failed categories.

Software Scan health data is based on a new *Software Scan Status* column, added to *Computers* and *Software Classification* reports. Status information is calculated during the daily data import.

The status is granular to explain the root cause: Missing OS property, Missing catalog, No scan attempted, No scan received, Continuous: software scan processing issue, Daily: File scan processing issue, Daily: SWIDTAG scan processing issue, Daily: Catalog scan processing issue, Daily: Package scan processing issue, Continuous: processing pending over 24 hours, Unexpected error.

In case of issues which might be transient the status is one of: Catalog not updated in 7 days, Last scan failing, Last upload failing, Not scanned in last 14 days.

Endpoints that do not require attention regarding software scan are marked as: Setup in progress, Disconnected data source, Not reporting in last 14 days, Scanned in last 14 days.

User Interface enhancements

Styling and colors in data grids and actions are aligned to BigFix guidelines. The Add/Edit Contracts panel has been adjusted to be consistent with UI components in other panels.

Bundling Assistant – Enhanced bundling after component upgrade

The Bundling Assistant now automatically recognizes upgrades of software components and inherits existing Product assignments and instance tags when a new component is detected on a machine.

Hardware Inventory report migrated to Computers

Hardware Inventory link in the menu navigates to a new predefined report based on the Computers panel and contains the same information, while the previous panel under /sam/processors URL is

now deprecated and will be removed in future. Note: any saved reports created from the deprecated panel should be manually migrated to the new one.

REST API: Discovery Details association removed

The *discovery_details* REST API association is removed and replaced with *fact_evidence* and *signature_evidence* associations.

A limitation exists concerning new evidence: currently, the file name and file size are not displayed for facts detected based on scanner rules that have been converted from file rules (specifically, files with non-standard extensions).

Distributed VM Manager Tools and VM Managers

BigFix Inventory 11.0.7.0 introduces UI support for managing distributed VM Manager Tools and their VM Managers, reducing the amount of manual endpoint-side configuration previously required. The update extends the VM Managers area and adds a dedicated VM Manager Tools panel.

This function is available to users granted the 'Manage VM Managers and Servers' permission and available for endpoints in their designated computer groups.

The VM Managers panel has been enhanced to support creating, editing, and deleting VM Managers in distributed mode, as well as testing and resuming their connections. The VM Managers report now includes columns for VM Manager ID and Data Source Computer ID.

Automatic deployment of the central VM Manager Tool has been disabled. Users may now install it manually through the new VM Manager Tools panel.

Known limitations:

- Endpoint-side configuration changes are not synchronized: Modifications made via the BigFix Console or directly in configuration files will not be reflected in BigFix Inventory.
- Default configuration assignment: All distributed VM Manager Tools will receive a default configuration, which will be applied during the first configuration change initiated from the VM Manager Tools or VM Managers panel. Any existing custom configuration of distributed VM Manager Tool parameters will be overwritten; therefore, customers are strongly advised to back up their configurations before initiating any changes on the distributed VM Manager Tools or their VM Managers.
- Management scope: VM Manager Tool installations and their associated VM Managers can be managed from different BigFix Inventory instances connected to the same BigFix Server. However, each VM Manager Tool and its VM Managers should be managed exclusively from a single BFI instance to prevent configuration conflicts and overwrites.
- API limitations: The API currently supports updating VM Managers only on the Central VM Manager Tool (root computer of the first BigFix Server configured in the Data Sources panel). Distributed VM Manager updates via API are not supported.

Included Software Catalog

BigFix Inventory server package includes Software Catalog version 20260308.

For catalog content details, refer to the catalog release notes:

<https://support.bigfix.com/bfi/BigFix-Inventory-Catalog-20260308-ReleaseNotes.pdf>

Modified content

The version number of the Fixlet is: 11.0.7.0

The following Fixlets were updated and should be run to install the latest versions of the specific components:

- Upgrade to the latest version of BigFix Inventory
- Update the VM Manager Tool
- Update the SAP Metric Data Collector
- Install the VM Manager Tool
- Install the SAP Metric Data Collector
- Install the Additional VM Manager Tool
- Download the Disconnected Scanner Package for IBM i
- Download the Disconnected Scanner Package
- Download the BigFix Inventory Container Solution Packages
- Download BigFix Inventory

The following Fixlets were updated and require that actions created by their previous versions are stopped and then started by using the updated fixlets. Restarting actions is necessary to ensure that new features work properly:

- Collect Detailed Hardware Information
- Run Capacity Scan and Upload Results

The following Fixlets were updated:

- Force Reupload of Software Scan Results
- Get Oracle Database Measurements
- Interrupt BigFix Inventory Software Scans

The following Fixlets were removed:

- Refresh Re-Subscribed Endpoints

Enhancements and important changes

The following table lists enhancements and changes that are introduced in this update.

Abstract	Description	Available since
Update of IBM components	Following IBM components have been updated: <ul style="list-style-type: none"> ILMT Core and catalog import libraries to 9.2.42 (released December 2025 by IBM) 	11.0.7.0
IBM Virtualization Capacity reporting equivalent	BigFix Inventory 11.0.7.0 is equivalent to IBM License Metric Tool (ILMT) 9.2.42.0 for IBM Virtualization Capacity reporting. The update covers IBM sub-capacity calculation, IBM Catalog, PVU and Scanner parity. For the status of IBM validated releases, see the following BFI FAQ Document .	11.0.7.0
Extension of the audit snapshot for better integration	Audit snapshot is extended with three columns: Component GUID, Product Version GUID, and IBM Product Bundle GUID. They allow reviewers to unambiguously identify a product or a bundle. This extension ensures correct assignment of client's entitlements and allows for better integration of BigFix Inventory with external systems.	11.0.7.0
[BFINV-I-511] REST API to retrieve information about utilization of license metrics per server	A new REST API <code>api/sam/v2/license_usage_per_server</code> has been created to retrieve information about utilization of license metrics per server on a specific day. Additionally, a newly added server association can be used to retrieve details of the specific server.	11.0.7.0
[BFINV-I-249] , [BFINV-I-375] Bundling Assistant – Upgrade Recognition	The Bundling Assistant now automatically recognizes upgrades of software components and inherits existing Product assignments, including its confirmation status and instance tags, when a new component is detected on a machine that already has components assigned to that Product, even across different versions.	11.0.7.0
User interface changes	The colors and styling in the data grids as well as the Add/Edit Contract panel are changed for consistency across BigFix Inventory panels and to be in line with BigFix UI guidelines.	11.0.7.0
License Optimizer for Microsoft SQL Server	A new License Optimizer dashboard is provided for Microsoft SQL Server products, Enterprise and Standard Edition, providing insights and essential tools to optimize licenses and reduce costs taking into account the specific license type. For more details, see the documentation .	11.0.7.0

<p>[BFINV-I-433] Percentage Threshold in <i>All Contracts</i></p>	<p>Contract threshold type option is added to choose between Fixed and Percentage values. 'Fixed value' option covers the previous functionality. With the 'Percentage' option Threshold Delta is calculated as the difference between the provided threshold percentage of the current metric quantity (rounded) and the metric measurement, providing a flexible way to specify the exceeded threshold condition.</p>	<p>11.0.7.0</p>
<p>Spend dashboard - Show 'No data' instead of 'Add contracts'</p>	<p>On the Spend Dashboard, charts display a 'No Data' instead of 'Add Contracts' message in case there is at least one contract accessible to the current user.</p>	<p>11.0.7.0</p>
<p>Software Scan status information for computers</p>	<p><i>Computers</i> and <i>Software Classification</i> reports are enhanced with column <i>Software Scan Status</i>. The information in the column is calculated during data import. It contains a specific reason in case there is an issue with the scan.</p>	<p>11.0.7.0</p>
<p><i>Health Check</i> dashboard redesigned</p>	<p>Health Check dashboard is redesigned to include overall status of hardware and software scan in the infrastructure, based on three categories: Success, Partial and Failed. Each category includes more granular statuses to help with troubleshooting scan problems. Software Scan health information is based on a new column 'Software Scan Status'.</p>	<p>11.0.7.0</p>
<p><i>Hardware Inventory</i> report migrated to predefined report on <i>Computers</i> panel</p>	<p>The <i>Hardware Inventory</i> report is changed to point to a new predefined report on the <i>Computers</i> panel. The displayed data and columns list is the same. The previous Hardware Inventory report, available under <code>/sam/processors</code> URL, is marked Deprecated, hidden if deprecated features are disabled and it will be removed in future. Any saved reports based on the deprecated report were not updated automatically and should be migrated manually.</p>	<p>11.0.7.0</p>
<p>[Continuous Discovery Processing] Subsequent discoveries of the component are created with initial product assignment.</p>	<p>Continuous Discovery Processing: subsequent discoveries of the component are created with initial product assignment that is fine tuned during Data Import by Bundling Assistant.(*)</p> <p>For the components with the single bundling options the assignment is final.</p> <p>(*)Prerequisite is to have at least one Data Import executed when a given Component was detected to generate bundling options.</p>	<p>11.0.7.0</p>

<p>[Continuous Discovery Processing] Disconnected Scans</p>	<p>When enabled, disconnected scan results are processed automatically in the background. It means they are no longer tied to the regular data import cycle.</p> <p>By default, this feature is disabled. It can be activated using the advanced server setting: <code>enable_continuous_disconnected_scan_processing = true</code></p> <p>The server processes scan results every 15 minutes by default. The interval can be adjusted using the advanced server setting: <code>continuous_disconnected_scan_processing_interval</code></p>	<p>11.0.7.0</p>
<p>[Continuous Discovery Processing] Detailed Hardware Scans</p>	<p>Detailed hardware scans are now imported as part of the continuous hardware discovery processing job alongside capacity and VM manager scans. When this feature is enabled, these scans are processed continuously in the background and will no longer be processed as part of the regular data import, matching the existing behavior for capacity and VM manager scans. You can manage this feature—which remains disabled by default—using the existing <code>enable_continuous_hardware_discovery_processing</code> and <code>continuous_hardware_discovery_processing_interval</code> advanced server settings.</p>	<p>11.0.7.0</p>
<p>Old inventory processing code is disabled</p>	<p>The old inventory processing code has been disabled and completely replaced by the new implementation which fully covers the previous functionality. This change improves Data Import performance by eliminating the redundant execution of both old and new processing code during the import cycle.</p>	<p>11.0.7.0</p>
<p>[BFINV-I-446] Support for Amazon RDS with user having <code>db_owner</code> role</p>	<p>BigFix Inventory relaxed database permission requirements for better alignment with cloud security and least privilege. This facilitates deployments on Amazon RDS for MS SQL Server, which restricts <code>sysadmin</code> roles. The administrator must pre-create the database, and the user needs the <code>db_owner</code> role on it.</p>	<p>11.0.7.0</p>
<p>[BFINV-I-380, BFINV-I-398] Support for Amazon Linux (Graviton)</p>	<p>Added support for BigFix Scanner on Amazon Graviton processors, enabling software and hardware discovery on these platforms. Refer to the Scanner release notes regarding Amazon Linux on ARM64 support.</p>	<p>11.0.7.0</p>
<p>[BFINV-I-109] Full VM Manager UI control for</p>	<p>BigFix Inventory now supports UI-based management of both central and distributed VM</p>	<p>11.0.7.0</p>

“distributed” vm managers, not just for “central” [BFINV-I-261] Include VM Manager ID as a column in the VM Manager list	Managers, allowing users to select the target VM Manager server when configuring connections. New columns in VM Managers Panel: VM Manager ID and Data Source Computer ID	
Red Hat Enterprise Linux 9 and 10 as operating systems supported by VM Manager Tool	VM Manager Tool service management on Linux has been migrated to systemd, expanding the list of supported operating systems with Red Hat Enterprise Linux 9 and 10.	11.0.7.0
Open Liberty replaces WebSphere Liberty Profile	Open Liberty replaces the WebSphere Liberty as the underlying JEE Application Server. Open Liberty is an open source version of WebSphere Liberty with the feature parity and the same structure.	11.0.7.0
[BFINV-I-461] Adding Data Source Name to warning log messages	The Duplicated UUID warning log, found within the Import logs on the Management: Data Imports page, now includes the 'Data Source Name' for clearer identification.	11.0.7.0
Dynamic activation of debug logging	Debug logs can be now activated dynamically without requiring a server restart. Once enabled, these logs — which currently support Java code only — are written to <i>trace.log</i> and include all standard messages from <i>tema.log</i> .	11.0.7.0
[Oracle Measurements] Oracle queries optimization	Output format of queries used in the fixlets gathering information from Oracle databases has been refined. The new format saves space - at least 10% less space is required - and prevents the appearance of formatting issues.	11.0.7.0

Defect fixes

For the list of known defects please refer to [HCL Knowledge Base](#).

The following table lists BigFix Inventory Server APARs and other defects that are fixed in this update.

ID	Symptoms	Behavior after you install the update	Available since
KB0127661	Data Import is taking a longer time than expected after upgrading BigFix Inventory to version 11.0.4, specifically during the inventory processing phase executed by Inventory Builder.	Old inventory processing has been disabled and fully replaced by new implementation, see Enhancements and important changes section for details.	11.0.7.0

BI-35648	Data Import History UI fails to render correctly on triggering the initial import.	Triggering the initial import does render the Data Import History UI correctly.	11.0.7.0
BI-35190	On the Data Imports page, within the Import Settings section, the information about the time zone of import time is misleading.	The label has been updated to "Times are specified in the local time zone which is UTC xx:xx." to clarify the information.	11.0.7.0
BI-35205	Computers API returns value 0 of is_deleted property for decommissioned computers.	Computers API returns value 1 of is_deleted property for decommissioned computers.	11.0.7.0
KB0127618	Data import fails with "Violation of PRIMARY KEY" error in "Generate CIT catalog files as needed" step of the Data Import.	Data import completes successfully.	11.0.7.0
BI-34921	Long computer names on the Computer Details page overlap the data grid, resulting in partial visibility.	Long computer names are displayed correctly without overlapping the data grid.	11.0.7.0
BI-35669	During the BFI installation or upgrade process, on the Initial Data Import screen, the status information for the ongoing import overlaps with the vertical navigation menu when the page zoom level is increased.	The layout has been adjusted to ensure that the Initial Data Import progress information renders correctly and does not overlap the vertical navigation menu when browser zoom settings are increased.	11.0.7.0
BI-35876	CuteFTP Home appears in the License Optimizer product list without signatures, resulting in a useless entry.	CuteFTP Home is no longer displayed in the product list, eliminating the unnecessary entry.	11.0.7.0
BI-35950	The "Total Run Time" and "Average Run Time" values on the Software Classification page and the Software Details page were inconsistent. For instance, "1 years, 269 days, 01:49:40" on the former displayed as "634 days, 01:49:40" on the latter.	The time display for screens and CSV/PDF exports is consistent and follows these rules: Less than a day: hours, minutes, and seconds shown. A day to less than a year: only days shown. A year or more: years and days shown (e.g., "n year, n days").	11.0.7.0
BI-36071	Get Oracle Database Measurements don't work on v21 on windows	Data collection was interrupted by a path quotation issue stemming from Oracle Database Windows service definition changes.	11.0.7.0
BI-35909	The Processor Brand String column was empty in the PVU Subcapacity report because the method responsible for populating this value was not being invoked during data import.	After the fix, the Processor Brand String values are now automatically populated from scanner data during the Hardware Inventory refresh step.	11.0.7.0

BI-37097	Errors written into tema.log when configuring the database or exporting contracts, but not affecting the product functionality, for example: <pre>ActionView::Template:: Error (undefined method `value' for #<SAM::ControlValue:0x 40db17d8> com.ibm.license.mgmt.r est.v3.new_contracts.a pplicationService.NewC ontractsDataExportServ ice::export: Exception: java.io.IOException</pre>	The errors are not present in tema.log.	11.0.7.0
BI-36680	On the Data Import panel, the "Sort" and "Unsort" labels were not translated when the application language was set to a non-English locale in the column header menu.	The "Sort" and "Unsort" labels are now properly localized according to the selected language.	11.0.7.0
BI-37698	Product Metrics per Group page shows an error when the "in set" or "not in set" filter is used for Computer Group.	The Product Metrics per Group page successfully applies the "in set" and "not in set" filters and displays the correct results.	11.0.7.0
BI-37657	ConcurrentModificationException during usage matching.	Usage matching processes without errors.	11.0.7.0
BI-38219	Inaccurate usage inventory data following a Data Import refresh.	Usage inventory data is now correctly refreshed upon completion of the Data Import.	11.0.7.0

The following table lists BigFix Inventory Fixlets APARs and other defects that are fixed in this update.

ID	Symptoms	Behavior after you install the update	Available since
KB0127583	Scheduled email reports failed during ongoing data imports	Scheduled email reports sent successfully during ongoing data import	11.0.7.0
KB0129104	Special characters added to suppressed software comments	The suppression comments in the s/w classification report no longer has any special characters	11.0.7.0

Important! For the BigFix Inventory Scanner APARs and other defects that are fixed *refer to the Scanner Release Notes*

<https://support.bigfix.com/scanner/BigFix-Scanner-11.0.42.0-ReleaseNotes.pdf>

The following table lists user documentation APARs and other defects that are fixed in this update.

ID	Symptoms	Behavior after the update	Available since
KB0127801	The Processor Brand String column was empty in the PVU Subcapacity report because the method responsible for populating this value was not being invoked during data import.	After the fix, the Processor Brand String values are now automatically populated from scanner data during the Hardware Inventory refresh step.	11.0.7.0
KB0128384	Report	Metering Data Report does not show labels for Custom Computer Properties in Grid and Configure View.	11.0.7.0
KB0127584	Missing details on removing users from Active Directory groups and deleting them from BigFix Inventory	Documentation clarifies that users must be manually deleted from BigFix Inventory after removal from the LDAP group.	11.0.7.0
BI-36429	Documentation of menu structure	Updated the documentation with information related to the menu structure to help find the menu options	11.0.7.0
KB0109372	Changing the PVU per core value documentation update	Updated the documentation with the PVU per core value. https://help.hcl-software.com/bigfix/11.0/platform/Platform/Config/r_client_set.html	11.0.7.0
KB0124235	Update documentation for OpenSSL on AIX platform	Added the limitations in the documentation related to OpenSSL on AIX platform https://help.hcl-software.com/bigfix/11.0/inventory/Inventory/overview/c_limitations.html https://help.hcl-software.com/bigfix/11.0/inventory/Inventory/softinv/c_types_of_reports.html	11.0.7.0
KB0125209	Add information in documentation for software scan codes regarding troubleshooting steps when scans fail with RC=1	Updated the return code value https://help.hcl-software.com/bigfix/11.0/inventory/Inventory/probdet/r_scanner_return_codes.html	11.0.7.0

BI-37604	Remove the "Refresh re-subscribed endpoints" fixlet and document as deleted	The fixlet is removed from the BigFix Inventory site	11.0.7.0
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Security enhancements

- WebSphere Liberty Profile replaced by Open Liberty 26.0.0.1
- IBM Java Runtime Environment for BigFix Inventory VM Manager Tool updated to version IBM Semeru Runtime Open Edition 8.0.482.0
- IBM Java Runtime Environment for SAP Metric Data Collector, BigFix Inventory Image Scanning Service and BigFix Inventory Cloud Adapter updated to version IBM Semeru Runtime Open Edition 17.0.18.0
- Spring Boot updated to version 4.0.2
- Spring Framework updated to version 7.0.3
- Rack gem upgraded to version 2.2.22
- JRuby-rack gem upgraded to version 1.2.6
- Microsoft SQL Server JDBC driver to 13.2.1
- Apache Log4j updated to version 2.25.3

VM Manager Tool version and changes

The VM Manager Tool version that is used with this update is 11.0.7.0.

Apache Log4j configuration file (log4j2.xml) is reset to default settings during VM Manager Tool update. If the file contains user customization, it is advised to create a backup of the file before the update. After update the customization can be manually restored, according to the file format supported by Apache Log4j 2.25.3.

VM Manager Tool service management on Linux has been migrated to systemd.

VM Manager Tool requires to be installed on operating systems which are actively maintained by their vendors.

VM Manager Tool 11.0.7.0 on Linux supports:

- Red Hat Enterprise Linux 8 or newer
- SUSE Linux Enterprise Server 12 or newer

SAP Metric Data Collector version and changes

The SAP Metric Data Collector version that is used with this update is 11.0.7.0.

Apache Log4j configuration file (log4j2.xml) is reset to default settings during SAP Metric Data Collector update. If the file contains user customization, it is advised to create a backup of the file before the update. After update the customization can be manually restored, according to the file format supported by Apache Log4j 2.25.3.

Scanner version and changes

The scanner version that is used with this update is 11.0.42.0 for scanner supported platforms. For details, refer to the scanner release notes

<https://support.bigfix.com/scanner/BigFix-Scanner-11.0.42.0-ReleaseNotes.pdf>

The disconnected scanner versions that are used with this update are 11.0.7.0 and 9.2.42.0 for IBM i.

Changes to supported systems

Added support for the following platforms and systems for the managed devices:

- Oracle Enterprise Linux 10 on x86 by using the disconnected scanner
- Linux on ARM64

Support for following platforms is discontinued starting from BigFix Inventory v11.0.7:

- Citrix Hypervisor

The following operating systems are no longer subcapacity eligible:

- SUSE Linux Enterprise 12 (all architectures)
- Ubuntu 20 (all architectures)

For more information about BigFix Inventory supported systems, refer to the [Detailed System Requirements](#).

Documentation

For more information about how to install, maintain, and use this application refer to BigFix Inventory user documentation:

https://help.hcl-software.com/bigfix/11.0/inventory/welcome/BigFix_Inventory_welcome.html