

BigFix Inventory 10.0.16.0 Release Notes

This document provides information about the BigFix Inventory application update 10.0.16.0. The update is cumulative and contains changes that were provided in the previous updates.

Name of the component	Version	Updated in this Release
BigFix Inventory Content Site	180	Yes
BigFix Inventory Server Software Catalog	20240306	Yes
BigFix Inventory Scanner Software Catalog - Major	2638869	Yes
BigFix Inventory Server	10.0.16.0	Yes
BigFix Inventory Server: ILMT Core library	9.2.34.0	Yes
BigFix Inventory Server: ILMT Catalog	9.2.34.2	Yes
BigFix Inventory Scanner	9.2.29.0000 on HP-UX 9.2.34.1000 on Windows 9.2.34.0000 on other platforms	No Yes Yes
BigFix Inventory Disconnected Scanner (incl. package for Containers)	10.0.16.0 9.2.34.0 on IBM I	Yes Yes
BigFix Inventory VM Manager Tool	10.0.16.0	Yes
SAP Metric Data Collector	10.0.16.0	Yes
BigFix Inventory Image Scanner Script	10.0.16.0	Yes
BigFix Inventory Scanner Service	10.0.16.0	Yes
BigFix Inventory Cloud Adapter	10.0.16.0	Yes
Software Data Harvesting Tool for BigFix Inventory	1.1	No
BigFix Inventory Keystore Migration Tool	1.0	No
BigFix Inventory Utility	1.0	No

Allowed upgrade path

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

Starting with the 10.0.10.0 release, to ensure a smooth upgrade process, support is provided for direct upgrade from the last 8 server releases. The minimal version for direct upgrade paths is increased with every release.

Depending on the version number, one or more update steps are necessary. The minimal version for the direct upgrade path is **10.0.8.0**. For versions up to 10.0.1.0 (inclusive), upgrade first to 10.0.2.0 then upgrade to 10.0.10.0 and then to 10.0.16.0 using *Upgrade to interim version* fixlets.

For specific examples, refer to [BigFix-Inventory-10.0.10.0-ReleaseNotes.pdf](#).

MS SQL 2012 is not supported starting from the next BigFix Inventory server update
In case you are still on MS SQL 2012, please plan to upgrade at least to version 2014.

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

Upcoming changes related to the catalog update process

Important! From June 2024, specific BigFix Inventory server versions will be required for catalog updates.

Starting with BigFix Inventory version 10.0.13, the BigFix Inventory Team initiated catalog-related improvements to be ready for more frequent and server-independent updates. These changes lead to a compacted catalog package, content currency, and optimized processing time on the server side.

In BigFix Inventory 10.0.14, an improved Scanner Catalog distribution to the endpoints was introduced.

In BigFix Inventory version 10.0.15, End-of-Support data was integrated into the catalog package, and the user interface was aligned with catalog naming conventions. This enhancement ensures that with the rollout of catalog updates 10.0.15.1 and 10.0.15.2, users promptly receive updated End of Support information without the need to await the next server update.

BigFix Inventory 10.0.16 introduces new catalog versioning aligned to the catalog creation date. With this change, the freshness of the catalog can be verified immediately.

In addition to these enhancements, continuous delivery of catalog content updates featuring normalized publishers, refreshed catalog definitions, and updated discovery rules. For discovery on Windows systems template signatures are used for out-of-the-box discovery of current and future software versions.

Further enhancements are on the horizon with upcoming BigFix Inventory updates. Specifically, we're introducing changes such as the complete removal of backward compatible catalog files from the catalog package, the refinement of main catalog content for streamlined processing, and the integration of new definitions to reduce noise and enhance out-of-the-box discovery capabilities.

To ensure a seamless transition without disrupting existing BigFix Inventory deployments, we are implementing changes to the distribution method and compatibility definitions of the catalog. Previous versions of the BigFix Inventory server will ignore new catalogs during import time. Upgrading the server to a specific version will be required to activate the catalog import option.

Contact support if specific discovery gaps are noticed in reports before and after catalog updates.

Review the next release notes for details.

BigFix Inventory is verified for Oracle Database

Following the significant milestone of obtaining Oracle Global License Advisory Services (GLAS) verification for Oracle Java SE usage data collection, HCL BigFix Inventory is proud to announce its latest

achievement: extending this verification to encompass the **Oracle Database and Database Options**. This achievement establishes BigFix Inventory as an alternative to the Oracle Collection Tool.

Find out more: <https://www.oracle.com/corporate/global-licensing-advisory-services/#tooling>

Holding verification from both IBM and Oracle, BigFix Inventory becomes the leading market solution for audit readiness, enabling organizations to navigate software licensing complexities confidently and reduce IT costs.

Enhanced Audit Snapshot capability

BigFix Inventory introduces enhanced Audit Snapshot capability, providing users with greater control, convenience, and flexibility over their audit snapshots.

The new user interface allows users to request the generation of an audit snapshot, track the progress of the generation process, and view the status of the generation in real-time. Users can cancel the generation process if needed. This new capability allows users to close the audit snapshot window while the package is being generated and return later to download the file.

VM Managers report serviceability enhancements

In the VM Managers panel, the 'Data Collection Time' column was merged with the 'Data Import Time' column to show the last known time when a VM Manager has been queried. BigFix Inventory is analyzing all available scan results from a VM Manager Tool and using the most recent date and reflect it in the column. 'Data Import Time' can still be enabled in the Configure View dialog.

When a delay in receiving VM Manager tool results is detected, the column will display a warning icon and a popup dialog.

Included Software Catalog

Starting with version 10.0.16.0, the catalog version is independent from the BigFix Inventory Server version. The new version is aligned with the Software Catalog generation date, denoted as yyyyymmdd. This adjustment enhances clarity and coherence in catalog versioning.


This release includes Software Catalog version 10.0.16.0 with the capability to discover 450+ new software versions, including but not limited to the following software manufacturers: Adobe, Google, Microsoft, and Oracle.

New template signatures are included in this release:

Template signature is a method of discovery where the version of a component is detected automatically and a specific version is dynamically added to the catalog. Such template signatures include all component versions. They are used when the software is frequently updated and the deployment method has not changed. One template covers 10+ software versions.


Publisher Name	Component Name	Platform
Jens Klingen	Greenshot	WINDOWS
Kymoto Solutions	Inno Script Studio	WINDOWS
mRemoteNG	mRemoteNG	WINDOWS
NCH Software	Express Scribe Transcription Software	WINDOWS
NCH Software	SoundTap Streaming Audio Recorder	WINDOWS
Nikon	Nikon Message Center	WINDOWS
Nikon	Wireless Transmitter Utility	WINDOWS
Office Timeline	Office Timeline	WINDOWS
MOOII Tech	PhotoScape	WINDOWS
Future Technology Devices International	FT_Prog	WINDOWS
FlipBuilder	Flip PDF Professional	WINDOWS
Graphisoft	ARCHICAD	WINDOWS
Graphisoft	BIMx Desktop Viewer	WINDOWS
Graphisoft	GS License Manager Tool	WINDOWS
HHD Software	Configure Virtual Serial Port Tools	WINDOWS
Google	Android Studio	WINDOWS
HHD Software	Device Monitoring Studio	WINDOWS
Google	Google Workspace Migration for Microsoft Outlook®	WINDOWS
HHD Software	Hex Editor Neo	WINDOWS
Google	Google Drive	WINDOWS
iSpring	Free Cam	WINDOWS
Hilgraeve	HyperTerminal Private Edition	WINDOWS
iSpring	iSpring Suite	WINDOWS
iSpring	iSpring Cam Pro	WINDOWS
Microsoft	Microsoft Defender	UNIX
Rasmussen Software Inc.	Anzio Lite 	WINDOWS

Code4Ward	Royal TS	WINDOWS
Digiarty Software Inc.	5KPlayer	WINDOWS
Caphyon LTD	Advanced Installer	WINDOWS
DVDVideoSoft Ltd.	Free Screen Video Recorder	WINDOWS
Trivantis	Lectora Inspire	WINDOWS
Crystal Rich Ltd.	LockHunter	WINDOWS
Remote Mouse	Remote Mouse	WINDOWS
Evernote Corporation	Skitch	WINDOWS
SnapComms Inc.	Snap Communications Client	WINDOWS
dotPDN LLC	paint.net	WINDOWS
Evolutions Co. Ltd	Pencil	WINDOWS
AVerMedia	AVerMedia RECentral	WINDOWS
Automation Anywhere	Automation Anywhere Community Edition	WINDOWS
Boson Software	Boson Exam Environment	WINDOWS
KingswaySoft	SSIS Productivity Pack	WINDOWS
KingswaySoft	SSIS Integration Toolkit for Microsoft Dynamics 365	WINDOWS
Microsoft	Microsoft Integration Runtime	WINDOWS

 Changes made to the software component definition in the catalog (e.g., modification of component name, version, or publisher) may cause the creation of a new definition of the component and the removal of the previous one. This leads to loss of Tagging, Classification and custom EOS information.

Additionally, when discovery is based on a signature evaluated on an endpoint, previous discovery results temporarily disappear until the next software scan and related data import. The new catalog must be propagated to the endpoints before the scan is executed.

The updated discovery mechanism for specific software with this behaviour includes specific notes (for details and impacted software title, refer to the list of enhancements, ideas implemented, and list of defects).

Note: This information relates only to entries enlisted with the icon: 

For more information, refer to:

Catalog Release Notes:

https://software.bigfix.com/download/tema/catalog/BFI_catalog_release_notes.pdf

Catalog Change List:

https://software.bigfix.com/download/tema/catalog/changelist/BFI_catalog_changelist_2024_03.pdf

Modified content

The version number of the fixlet is 10.0.16.0.

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 VM Manager Tool to version
- Update SAP Metric Data Collector
- Install VM Manager Tool
- Install SAP Metric Data Collector
- Install 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
- Install or Upgrade Scanner in private mode on Windows
- Install or Upgrade Scanner
- Server Software Catalog Update *(if BFI is not upgraded)*
- Download PVU table *(if BFI is not upgraded)*

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:

- Force VM Manager Tool Scan Results Upload
- Initiate Software Scan
- Schedule VM Manager Tool Scan Results Upload
- Upload Software Scan Results – no updates, but recommended to be refreshed to match Initiate
- Get Oracle Features
- Run Capacity Scan and Upload Results
- Configure Collection of Oracle Auditing Data in VM Manager Tool

The following fixlets were updated or added:


- Download BigFix Inventory
- Upgrade to the latest version of BigFix Inventory
- Get Oracle Database Auditing Data
- Get Oracle Hardware Auditing Data
- Collect Logs From Endpoints
- Get Oracle Features
- Get Oracle Concurrent Sessions Number

Enhancements and important changes

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

Abstract Story	Description	Available since
Added support for Oracle Database and Database Options	<p>The Oracle ZIP package now contains information about databases and database options. Oracle ZIP package is generated for the entire environment, and data separation by computer group is not supported. The content of the report is defined by Oracle requirements and is intended to be analysed by Oracle.</p> <p>This functionality is visible under the Reports menu and is available for users with <i>Manage Oracle Auditing Data</i> permission and access to the <i>All computers</i> group.</p> <p>The mandatory prerequisite is scheduling a new fixlet <i>Get Oracle Database Auditing Data</i>. Details are covered in the documentation.</p>	10.0.16
New Audit Snapshot user interface	<p>BigFix Inventory provides a new UI for Audit Snapshot management. It allows users to generate audit snapshots, monitor their progress, and check their status. Users can download a previously created Audit Snapshot package from the new panel. The new UI includes an option to cancel the Audit Snapshot generation process. Users have the option to close the window and return later to download the file.</p>	10.0.16.0
Changes in Software Catalog versioning scheme	<p>Starting from this update, catalog versions are independent of the BigFix Inventory Server version. The new version aligns with the Software Catalog generation date, denoted as <i>yyyymmdd</i>. This is a prerequisite for more frequent catalog updates. With this change, the freshness of the catalog can be verified immediately.</p>	10.0.16.0
Improvements in <i>software_instances</i> v2 API	<p>Implemented the following improvements for <i>software_instances</i> v2 API:</p> <ul style="list-style-type: none"> • Added option to automatically create custom bundlings. • PUT method now supports the same path format as the GET method provides. • Reporting of modified instances action results is now user-friendly. 	10.0.16

PVU and VPC warm standby license counting supports more scenarios.	PVU and VPC license calculations for warm standby scenarios now support Db2 requirement to license only one instance in situations where multiple warm standby instances are installed on the same computer.	10.0.16
Refreshed Overview Dashboard	<p>Refreshed Overview Dashboard:</p> <ul style="list-style-type: none"> ▪ The default dashboard is now 'Inventory Reports' for immediate access to critical reports. ▪ The previous dashboard was renamed to 'Inventory Health' focusing on health diagnostics. <p>Note: Inventory Exploration, Inventory Data, Software Catalog, IBM PVU Subcapacity widgets are removed as this information is available through standard views from the <i>Reports</i> menu.</p>	10.0.16.0
New IBM Subcapacity report	BigFix Inventory provides a new IBM Subcapacity report reflecting IBM Subcapacity terms change in regard to covered metrics. It replaces the old report named IBM PVU Subapacity.	10.0.16.0
New Partition ID column on Hardware Inventory report	The <i>Hardware Inventory</i> report has a new 'Partition ID' column that displays the partition identifier for each computer. It is an ID of the virtualization layer in which the computer's operating system is installed. The ID is specific to the type of virtualization. For instance, the UUID of a virtual machine in VMware.	10.0.16.0
Deployment Data Collection gathers additional server files	<i>Deployment Data Collection</i> will gather additional BFI serverrelated files for troubleshooting purposes.	10.0.16.0
<i>Collect Logs from Endpoints</i> fixlet now works on endpoints with no LMT folder	It is now possible to gather BESClient logs and environment information using the <i>Collect Logs from Endpoints</i> fixlet on endpoints without Software Scanner installed and no LMT folder in BESClient directory.	10.0.16.0
Added discovery for Adobe Acrobat DC	Added discovery for Adobe Acrobat Pro DC and Adobe Acrobat Standard DC for version 2023. Discovery is added for Windows Platform.	10.0.16.0
Added discovery for Oracle OpenJDK	Added new CIT signatures for Oracle OpenJDK versions 22.0 & 23.0. Discovery is added for Windows & Unix Platform.	10.0.16.0
Added discovery for GlassFish	Added discovery for GlassFish for versions 5, 6 & 7. Discovery is added for Windows & Unix platform.	10.0.16.0

Enhancement of AnzioWin Detection	<p>Enhanced discovery of AnzioWin for versions 15 and 12 to cover all sub-versions accurately.</p> <p>Deleted the existing signatures of versions 15.0 and 12.5 to avoid false positives.</p>  <p><i>Old discovery records will be closed, and new ones will be opened.</i></p>	10.0.16.0
Updated End of Support information for Microsoft software	End-of-Support dates are added for 37 Microsoft software components	10.0.16.0
Updated End of Support information for IBM software	EndofSupport dates are added for 24 new IBM components. End-of-support dates are updated for 7 IBM components.	10.0.16.0
New publisher	Added WordPress publisher.	10.0.16.0
VM Managers report serviceability enhancements	In the VM Managers panel, the column <i>Data Collection Time</i> was merged with <i>Data Import Time</i> to show the last known time when a VM Manager has been queried. BigFix Inventory is reading all available scan results from a VM Manager tool and using the most recent date for reflecting in the column. <i>Data Import Time</i> can still be enabled in the Configure View dialog.	10.0.16
IBM Virtualization Capacity reporting equivalent	BigFix Inventory 10.0.16.0 is equivalent to IBM License Metric Tool (ILMT) 9.2.34.0 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 .	10.0.16

Publisher normalization

Starting with BigFix Inventory 10.0.13.2, publisher data is improved with simplified data filtering and reporting. This is a continuous process, and the next changes will be provided in future catalog updates. The changes include updating existing publisher names to current ones, deduplicating publishers, and covering acquisitions.

In case a publisher does not exist anymore and it was used in catalog customization, then it remains in the catalog report.

The change also means that only the publisher in the second column remains. Thus, existing custom reports may require adjustments to use current publisher information.


Publishers before 10.0.15.2	Publisher since 10.0.16.0	Operation done
Avecto	BeyondTrust	Deduplication (Remaining publishers merged or removed)
InContext Systems	Hewlett-Packard	Deduplication (Remaining publishers merged or removed)
Keypware Technologies	PTC	Deduplication (Remaining publishers merged or removed)
Metalogix	Quest Software	Deduplication (Remaining publishers merged or removed)
RES Software	Ivanti	Deduplication (Remaining publishers merged or removed)
Scribe	TIBCO	Deduplication (Remaining publishers merged or removed)
SoftArtisans Inc		Removed
Visionapp AG	North Data	Deduplication (Remaining publishers merged or removed)
Wall Data	Micro Focus	Deduplication (Remaining publishers merged or removed)
Centrify Products CENTRIFY	Delinea	Deduplication (Remaining publishers merged or removed)
Chef Software	Progress Software	Deduplication (Remaining publishers merged or removed)
Acuity Brands Lighting Inc.	Acuity Brands	Deduplication (Remaining publishers merged or removed)
Elasticsearch	Elastic	Deduplication (Remaining publishers merged or removed)

Insight Software Solution Insight Software Solutions Inc. Insight Software Solutions Jet Reports	insightsoftware	Deduplication (Remaining publishers merged or removed)
One Identity	Quest Software	Deduplication (Remaining publishers merged or removed)
PowerSoftware.com	Power Software	Deduplication (Remaining publishers merged or removed)
PowerDB	Megger	Deduplication (Remaining publishers merged or removed)
Perforce Software	Perforce	Deduplication (Remaining publishers merged or removed)
Skyfence Networks	Forcepoint	Deduplication (Remaining publishers merged or removed)
Zerto	Hewlett-Packard	Deduplication (Remaining publishers merged or removed)
Carbon Black	VMware	Deduplication (Remaining publishers merged or removed)
JasperSoft	TIBCO	Deduplication (Remaining publishers merged or removed)
Measurement Computing	Digilent	Deduplication (Remaining publishers merged or removed)
Micros Systems	Oracle	Deduplication (Remaining publishers merged or removed)
nCipher	Entrust	Deduplication (Remaining publishers merged or removed)
Perceptive Software	Hyland	Deduplication (Remaining publishers merged or removed)
Pierre-Emmanuel Gougelet	XnSoft	Deduplication (Remaining publishers merged or removed)

Rockwell Software	Rockwell	Deduplication (Remaining publishers merged or removed)
Seagate Software	Seagate	Deduplication (Remaining publishers merged or removed)

Ideas Implemented

The following table lists BigFix Inventory Catalog Ideas that are implemented in this update.

ID	Idea	Description	Available since
BFINV-I-236	Add discovery of AnzioWin	<p>Added discovery for AnzioWin for versions 17 and 16. Added a new Template signature for Anzio Lite. Discovery is added for Windows platform.</p> <p>Deleted the existing signatures of AnzioWin v16.0 and Anzio Lite v17.1 and v12.5 to avoid duplicate discovery</p>  <p><i>Old discovery records will be closed, and new ones will be opened.</i></p>	10.0.16.0
BFINV-I-160	Add Discovery of WordPress	<p>Added discovery for WordPress inf versions 1,2,3,4,5 and 6. Discovery is added for both Windows and Unix platform.</p>	10.0.16.0
BFINV-I-323	Add Discovery of Microsoft Defender	<p>Added a new template signature for Microsoft Defender. Discovery is added for Unix platform.</p>	10.0.16.0
BFINV-I-300	Add Discovery for SSIS software	<p>Added discovery for SSIS Integration toolkit for Microsoft Dynamics 365, SSIS Productivity Pack and Microsoft Integration Runtime. Discovery is added for Windows platform.</p>	10.0.16.0

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
BI-17860	Once incorrect capacity scan import fails with warning, the next capacity scan import fails even if the capacity scan is correct	Although the capacity scan was not imported correctly, on receiving proper capacity scan packages import passes with no warnings.	10.0.16.0
BI-16976	When user tried to hover over "X" button on multiple pop-up windows on Software Classification panel there was no tooltip	Users will see a "Close" tooltip each time they hover over the "X" button on any window in the Software Classification panel.	10.0.16.0
BI-20425	When user tried to hover over "X" button on multiple panels there was no tooltip. Some panels had title messages missing, some other panels also had the "X" button hidden	Users will see a "Close" tooltip each time they hover over the "X" button on all panels (except Contracts). Most panels, including pop-up windows will have an "X" button, and pop-up windows on all panels will have title.	10.0.16.0
BI-20577	One of the Publisher filters on the <i>Oracle Java Inventory</i> report is empty.	Empty publisher from the <i>Oracle Java Inventory</i> filter is removed.	10.0.16.0
KB0103155	Audit Snapshot download fails on large environments	Audit Snapshot capability has been improved eliminating the problem. Refer to the Enhancements table for details.	10.0.16.0
KB0110041	<i>Get Oracle Features</i> fixlet is not handling custom 'linesize' DB configuration, leading to incorrect results from SQL queries and fixlet failing	<i>Get Oracle Features</i> fixlet was updated to fix the issue.	10.0.16.0
KB0109385	Oracle Database components are discovered with 'Elapsed: <time>' as Component Version, due to <i>Get Oracle Features</i> fixlet not handling custom "timing" parameter being set to "on"	<i>Get Oracle Features</i> fixlet was updated to fix the issue.	10.0.16.0
KB0105027	To Do list notification (<i>Initiate Software Scan (10.0.12.0.2)</i> task) does not disappear even after	Fixlet version regex matching was corrected.	10.0.16.0

	successful completion of latest scan action		
BI-21926	There are unwanted bytes appended to files downloaded from BigFix server.	Unwanted bytes are no longer appended to files downloaded from the BigFix server.	10.0.16.0
KB0104454	When attempting to change the password of your BFEnterprise database via DataSource, or when defining a new BFEnterprise database via DataSource, and if an incorrect password is provided during these processes, the database user from SQL side is locked due to security protocols.	Now, we're providing information to users, enabling them to clearly identify this scenario through improved logs and refer to documentation for guidance when encountering it.	10.0.16.0
BI-22340	Clicking multiple times on Save button on New Contracts panel throws exceptions to tema.log	It is not possible to press the <i>Save</i> button multiple times for a single request.	10.0.16.0
BI-20355	Option to additionally secure files download from BigFix with HTTPS protocol	Files during the transfer were already encrypted. With the environment variable (server.env): HTTPS_BIGFIX_SERVER_URL_FOR_DATASOURCE_ID_<ID>, where ID is the id of the data source HTTPS protocol can be used as well instead of HTTP.	10.0.16.0
BI-22026	Import of custom signatures during initial import throws an error	The ability to include custom content is disabled before initial import.	10.0.16.0
BI-22500	Server Software Catalog Version is updated even when catalog import failed but just charge unit update was successful	The Server Software Catalog version is only updated if the catalog import was successful.	10.0.16.0
KB0108954	History of Oracle Processor Core metrics is limited to 1day	A full history of Oracle Processor Core metrics will be available after forcing recalculations for all impacted products. Recalculation can be forced by, for example, excluding the product from the metric calculation on the Software Classification panel and then removing the exclusion.	10.0.16.0

BI-22063	BFI does not properly restrict served static files	The Inventory server limits access to non-static files in the correct way.	10.0.16.0
BI-22687	A version of a software component created from a template signature match has value '*' instead of the actual version	Software components created from template signatures have the correct version.	10.0.16.0
KB0109646	Capacity scan run fails when using cloudName paramter	Capacity scan runs succesfully.	10.0.16.0

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

ID	Symptoms	Behavior after you install the update	Available since
KB0110560	Incorrect Component Name of ArcGIS Data Interoperability	Corrected the component name "ArcGIS Data Interopreability" to "ArcGIS Data Interoperability."  <i>Old discovery records will be closed, and new ones will be opened.</i>	10.0.16.0
KB0110337	False discovery of Progress XML Enterprise Suite version 1.8	Deleted incorrect signature of Progress XML Enterprise Suite version 1.8 to avoid false discovery.	10.0.16.0
KB0111340	False Positive reported on Oracle Java Runtime Environment 11.0 Signatures	Enhanced Oracle Java Runtime Environment 11.0 Signature for accurate discovery on Windows and Unix platforms.	10.0.16.0
KB0111542	Older signatures of Oracle SQL Developer reporting incorrect version	Older signatures of Oracle SQL Developer were removed to avoid incorrect discovery. A new template signature has been added for Oracle SQL Developer on Windows platform.  <i>Old discovery records will be closed, and new ones will be opened.</i>	10.0.16.0
BI-21713	Jenkins is not being detected on WINDOWS Platform	Jenkins package name has been updated for the Windows platform.  <i>Old discovery records will be closed, and new ones will be opened.</i>	10.0.16.0

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

ID	Symptoms	Behavior after you install the update	Available since
201827	On some Linux boxes the length of DMI tables collected from <code>smbios_entry_point</code> file may give a bigger value than a real DMI file size.	SMBIOS data can be correctly collected by CIT and returned in the hardware scan output.	10.0.16.0
201987	CIT uses zlib 1.2.12 libraries, however it used old 1.2.11 headers during CIT compilation.	To maintain consistency within code and avoid security risks, the zlib headers have been upgraded to the 1.2.12 version.	10.0.16.0

The following table lists BigFix Inventory **Documentation updates** that are added in this update.

ID	Symptoms	Behavior after you install the update	Available since
BI-20785	[KB0109372] [DOC] misinformation in "Changing the PVU per core value"	Added information in the document about PVU per core value. Document link: Changing the PVU per core value	10.0.16.0
BI-20326	[DOC][KB0111114] Missing info about catalog synchronization when migrating BFI	Updated the steps to provide detailed information. Document link: Side-by-Side migration	10.0.16.0
BI-22879	[DOC] [KB0108135] missing purpose explanation of wait timeout override setting	Updated the information for changing the timeout setting. Document link: Timeout setting	10.0.16.0

Security enhancements

- IBM Java Runtime Environment for BigFix Inventory Cloud Adapter and BigFix Inventory Scanner Service updated to version IBM Semeru Runtime Open Edition 17.0.10.0
- Spring Boot updated to version 3.2.2
- Spring Framework updated to version 6.1.3
- Following NPM packages have been updated:

- @babel/traverse to version 7.23.9
- loader-utils to versions 1.4.2, 2.0.4 and 3.2.1
- webpack to version 5.90.3
- WebSphere Liberty updated to version 24.0.0.2
- IBM Java Runtime Environment for BFI Server and all tools updated to version 8.0.8.20
- Rack gem updated to version 2.2.8.1
- Bouncy Castle updated to version 1.77

VM Manager Tool version and changes

The VM Manager Tool version that is used with this update is 10.0.16.0.

Scanner version and changes

The scanner version that is used with this update is 9.2.34.1000 for Windows and 9.2.34.0000 for other platforms. The disconnected scanner versions that are used with this update are 10.0.16.0 and 9.2.34.0 for IBM I. Enhanced CIT scanner to allow encrypting and decrypting some random string content. An additional encryption capability has been added to `wscancfg`. A new `bzip2` library was introduced.

Changes to supported systems

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

- Podman is running on Red Hat Enterprise Linux 8 and 9 on x86 (with Docker alias and compatibility).
- Debian 12 on x86 (using both Disconnected Scanners and BigFix)
- Limited Availability (per request) support for RedHat OpenShift Virtualization. Contact the BigFix Inventory support team to receive more details and learn how to enable this capability (it is disabled by default)

Discontinued support for the following hypervisors managed by the VM Manager tool:

- VMware ESXi 6.5
- VMware ESXi 6.7

Discontinued support from the next release for the following platforms and systems for BigFix Inventory Server:

- MS SQL Server 2012 as a database for BigFix Inventory Server
- Red Hat Enterprise Linux (RHEL) Server 6 as host OS for BigFix Inventory Server

Following platform has been announced as no longer IBM Sub-capacity eligible but is still supported for inventory by BigFix using BigFix Platform 9.5 Agents (until June 30th, 2024)

- AIX 6.1
- Ubuntu 18

For details, see: [Announcing End of Support of BigFix Platform version 9.5.x - effective June 30th, 2024 - Release Announcements / Platform \(Release Announcements\) - BigFix Forum Announcing the end-of-](#)

[support of BigFix Platform version 9.5.x effective June 30th, 2024: Release Announcements and Platform \(Release Announcements\) - BigFix Forum](#)

Documentation

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

https://help.hcltechsw.com/bigfix/10.0/inventory/welcome/BigFix_Inventory_welcome.html