

BigFix Scanner 11.0.37.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.37.0.

The update is cumulative and contains changes provided in the previous updates of the scanner delivered with the BigFix Inventory updates.

Name of the component	Version	Updated in this Release
BigFix Scanner Site (NEW SITE!)	2	Yes
BigFix Inventory Scanner	11.0.37.0 on all supported platforms	Yes

If the *BigFix Scanner* site is not visible, then execute the following steps.

1. Refresh the BigFix license to get access to the new site. Follow the procedure described in [Extending the license entitlements](#).
2. Enable the *BigFix Scanner* site.
3. Subscribe the site to 'All Computers.'

Once this is done, follow the standard install and upgrade procedure using the Scanner fixlet from the new BigFix Scanner site.

Remember to run the 'Create Scanner Wrapper for Scanner 11.0.0 (9.2.35) or older' fixlet whenever it is applicable to use new versions of actions.

Changes related to scanner fixlets, tasks, and analyses

The *BigFix Scanner package and related fixlets are now available from a new BigFix Scanner site.*

With this change, the scanner is prepared to be shared with other BigFix solutions and is enabled for independent delivery in the future.

The BigFix team introduces a new BigFix Scanner that includes the following features:

- New HCL binary (Linux on SystemZ / s390 available with this update).
- New versioning.
- Installed under BigFix Client directories.
- Backward compatible with BigFix Inventory Server.
- Wrapper to separate Fixlets and Analysis from the Scanner deployment logic.

The scanner binaries and the location of the binaries are aligned with the BigFix. As the scanner is now one of BigFix Platform tools, it is located under the Bes Client directory `\tool\scanner` directory.

The HCL BigFix Scanner does not support non-HCL applications. There is an option to keep the previous IBM CIT Scanner installation for non-HCL applications.

IMPORTANT!

After the BigFix Scanner Site refresh, run the one-time action: ‘Create Scanner Wrapper for Scanner version 11.0.0.0 or lower’ for all relevant endpoints. If this action was already run before during the previous update, then it can be ignored now. This action enables the use of the newer BigFix Scanner site content, including Analysis.

Modified content

The version number of the fixlet is 11.0.37.0.

The following fixlets were added to the BigFix Scanner site:

- Install or Upgrade Scanner
- Uninstall Scanner
- Change Scanner Cache Folder
- Edit Scanner Trace Settings
- Configure Scan Cache
- Add Excluded Directories
- Remove Excluded Directories
- Collect Logs from Endpoints
- Create Scanner Wrapper for Scanner 11.0.0.0 or lower
- Cleanup Scanner Installations 11.0.0 (9.2.35) or lower

The following analyses were added to the BigFix Scanner site:

- Scanner Information
- Scanner Trace Settings
- Excluded Directories

Enhancements and important changes

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

Abstract	Description	Available since
Technical equivalent to IBM Common Inventory Technology component v9.2. 37	Integrated IBM scanner capabilities to support the BigFix Inventory v11.0.2—equivalent to IBM License Metric Tool 9.2.37 for IBM Virtualization Capacity reporting.	11.0.37.0
Dedicated <i>BigFix Scanner</i> site for scanner packages and actions	The BigFix Scanner package and related fixlets are now available from a new BigFix Scanner site. For details about site content moved to the new site, refer to the <i>Modified Content</i> section.	11.0.37.0
HCL signed scanner package for Linux on SystemZ	With this release the BigFix Scanner package is available for Linux on SystemZ / s390	11.0.37.0
New BigFix Scanner documentation	BigFix Scanner is now a BigFix shared component. For more information about how to install, maintain, and use the scanner, refer to the new BigFix Scanner user documentation: https://help.hcl-software.com/bigfix/11.0/BigFix_Scanner/index.html	11.0.37.0

Defect fixes

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

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

Symptoms		Behavior after you install the update	Available since
BI-26547 IBM ID: 202357	Incorrect (doubled) 'Partition Cores' value for newer AMD processors on a physical machine.	Reported the correct number of cores per processor for AMD Epyc processors family. Data from SMBIOS reports correct values as well as a new field, 'threadsPerComputeUnit', which reports a number of threads per core, so adjusting capacity data on AMD Epyc using these values.	11.0.37.0
KB0104197	SMBIOS data not being returned by detailed hardware scan	Improved collection of the serial numbers on Linux machines.	11.0.37.0
BI-24785	Improved logging of scanned disks and excluded mount points	Logs are available on MIN level (default) with 'FS_TRACE' suffix for easy lookup. Reworked printout for mount points—also includes Dummy and Remote flags.	11.0.37.0
BI-27250	BigFix Scanner creates runtime catalog that have disabled inheritance	Folder <code>bin/etc</code> and cache were having disabled inheritance. Inheritance is enabled. <code>wcitinst</code> code playing with permissions on Windows has been removed.	11.0.37.0

KB0117307	BigFix Scanner creates runtime catalog with group and other write permission on the Linux	Folder <code>bin/etc</code> and <code>cache</code> had 777 modes. The access is now restricted and the folder <code>bin/etc</code> has 755 and <code>cache</code> 700.	11.0.37.0
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The following table lists the BigFix Scanner Fixlets APARs and other defects that are fixed in this update.

ID	Symptoms	Behavior after you install the update	Available since
KB0116766	Incorrect description of the task Create Scanner Wrapper	Running the wrapper is required for the analysis to collect proper information. Improved the description of the task 'Create Scanner Wrapper.'	11.0.37.0
BI-26846	Log collector doesn't gather an installation log for new scanners	Missing logs are gathered in the log collector package.	11.0.37.0

Scanner version and changes

The scanner version that is used with this update is 11.0.37.0 for all supported platforms.

Changes to supported systems

Scanner for Linux systems running on a 32-bit architecture is no longer supported.

Added support for the following platforms:

- Ubuntu 24.04 LTS on x86
- OpenSUSE Leap 15.4, 15.5, 15.6 on x64

For more information about the supported systems, refer to the BigFix Scanner documentation.

Documentation

For more information about how to install, maintain, and use the scanner, refer to the new BigFix Scanner user documentation: https://help.hcl-software.com/bigfix/11.0/BigFix_Scanner/index.html.