BigFix Scanner 11.0.39.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.39.0.

The update is cumulative and contains changes provided in the previous updates of the scanner.

Name of the component	Version	Updated in this Release
BigFix Scanner Site (NEW SITE!)	5	Yes
BigFix Scanner	11.0.39.0 on all supported platforms	Yes

First time use of BigFix Scanner site

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.'

IMPORTANT! After the BigFix Scanner Site activation, run the <u>one-time</u> action: '*Create Scanner Wrapper for Scanner version 11.0.0.0 (9.2.35) or lower*' for all relevant endpoints. If this action was already run during the previous update, then it can be ignored now. This action enables the use of the new BigFix Scanner site content, <u>including Analysis</u>.

Then follow the standard install and upgrade procedure using the *Install or Upgrade scanner* Fixlet from the BigFix Scanner site.

IMPORTANT: Scanner Upgrade with an Active Technical Preview Feature

This notice contains important instructions regarding the Scanner upgrade process while the Technical Preview feature is in use.

The current version of the Scanner along with the Active Technical Preview feature does not support in-place Scanner upgrade. To ensure the stability of the scanner, it is mandatory to follow the prescribed deactivation and reactivation procedure as follows.

Mandatory Upgrade Procedure:

- *Step 1: Deactivate the Technical Preview Feature.* You must disable the feature before initiating the scanner upgrade using the Deactivate *Preview Features* Fixlet from the BigFix Scanner site.
- *Step 2: Upgrade the Scanner.* Follow the standard procedure to upgrade the scanner using *Install or Upgrade scanner* Fixlet from the BigFix Scanner site.
- *Step 3: Re-Activate the Technical Preview Feature.* After a successful Scanner upgrade, you may re-enable the feature using the *Activate Preview Features* Fixlet from the BigFix Scanner site.

Modified content

The version number of the Fixlet is 11.0.39.0.

The following Fixlets and Analyses are available in the BigFix Scanner site:

Fixlets
- Wscan CPU Threshold Setting **[NEW]**
- Install or Upgrade Scanner **[updated]**
- Install or Upgrade Scanner (9.2.35.0) (Superseded) **[updated]**
- Activate Preview Features (Windows only currently) **[updated]**
- Add Excluded Directories **[updated]**
- Remove Excluded Directories **[updated]**
- Uninstall Scanner
- Create Scanner Wrapper for Scanner 11.0.0.0 or lower
- Cleanup Scanner Installations 11.0.0 (9.2.35) or lower
- (Deprecated) Change Scanner Cache Folder
- Deactivate Preview Features (Windows only currently)
- Edit Scanner Trace Settings
- Configure Scan Cache
- Collect Logs from Endpoints
- Analyze the Relevance of a Fixlet or Task

Analyses
- File Scan Statistics – Scanner Service **[NEW]**
- Scanner Information **[updated]**
- Excluded Directories **[updated]**
- Scanner Trace Settings

Enhancements and important changes

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

Abstract	Description	Available since
[Technical Preview] Smart FS Scan Capabilities	An updated FS Scan mechanism for Windows synchronizes the File System (FS) Cache with installed packages. An FS Cache update is automatically triggered on the specific path of a modified package. For deleted packages, the FS cache update is triggered to ensure the removal of corresponding cache entries.	11.0.39.0
New and Updated Fixlets and Analysis	A New Fixlet is now available to configure the CPU threshold setting for the scanner WSCAN component (see the row below). A New Analyses is now available to collect the FS scan statistics and to collect the scanner service cache size details for each scanning iteration. Fixlets and Analysis in BigFix Scanner Site have been updated to manage all related functionalities and properties of the new feature (see "Modified content" section in this document).	11.0.39.0

Configure CPU Threshold for Scanner WSCAN Component using a New Fixlet	A new Fixlet has been released to provide an additional method for configuring the CPU threshold setting for the Scanner WSCAN component, supplementing the existing configuration options to provide a more convenient way of configuration.	11.0.39.0
[Technical Preview] FS Scan Statistics	Collected and stored the FS (file system) scan statistics for each iteration in the sqlite DB, which can be accessed by other applications using sql query.	11.0.39.0
[Technical Preview] FS Scan Default Cache Refresh Interval	FS Scan Default Cache Refresh Interval has been modified from 1 to 4 hours.	11.0.39.0
Technical equivalent to IBM Common Inventory Technology component v9.2.39	Integrated IBM scanner capabilities to support the BigFix Inventory v11.0.4 — equivalent to IBM License Metric Tool 9.2.39 for IBM Virtualization Capacity reporting.	11.0.39.0

Defect fixes

For the list of known defects, please refer to HCL Knowledge Base.

	Symptoms	Behavior after you install the update	Available since
KB0120094	BigFix Scanner - scannerToolsCheckDisk Space not adjusted for new Scanner Deployment	Scanner tool validates the minimum disk space for folder /var/opt/BESClient/tools/scanner/cache. Also updated the document BigFix Scanner Capacity Planning Guide.	11.0.39.0
KB0120905	[WSCAN] Install or Upgrade Scanner v11.0.37.0 fails with Exit Code 1 on Linux 7.9 with Linux Kernel Version 3.10.0-1160-119.1.el7.s390x distribution	Supports the successful Installation of Scanner v11.0.39.0 on Linux 7.9 - S390X end points. Also BigFix Scanner v11.0.39.0 onwards requires on Linux s390x ● glibc.so.6 >= 2.17 (Symbol Version 2.17) ● libstdc++ >= 6.0.19 (Symbol Version 3.4.19) Fixlet (200) Install or Upgrade Scanner (9.2.35.0) (Superseded) to allow deployment of the last 9.2 version on older systems.	11.0.39.0
KB0121997	Scanner Information "Cache3 State" is always shown as "Disabled"	Scanner Information is shown correctly.	11.0.39.0
BI-30635	[WSCAN] incomplete capacity scan results (only opening tag but not closing tag)	Scan results are now logged into the temporary file, which is renamed to final scan results after the successful completion of scan.	11.0.39.0

BI-31114	On Windows, scan fails to match files or software names due to case-sensitive SQLite comparison.	On Windows, now the scan correctly matches names regardless of case.	11.0.39.0

Security enhancements

No update

Scanner version and changes

The scanner version that is used with this update is 11.0.39.0 for all supported platforms.

Changes to supported systems

No changes in this release.

For more information about the supported systems, refer to the BigFix Scanner documentation
https://help.hcl-software.com/bigfix/11.0/BigFix_Scanner/BigFix_Scanner/Installation/supported_managed_devices.html
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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.