

BigFix Scanner 11.0.41.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.41.0.

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!)	7	Yes
BigFix Scanner	11.0.41.0 on all supported platforms	Yes

BigFix Scanner includes BigFix Scanner Service by default

Deploying default BigFix Scanner means installation of additional Windows service. Please consult and agree within wider IT teams rollout of this across the environment. Some systems might monitor introducing new service on Windows endpoints and trigger alerts.

To continue upgrading or conducting the installation of the Wscan only part of the BigFix Scanner use the already existing *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.41.0) (Superseded)*. Its title is adjusted to manifest its scope.

It is superseded by “*Fixlet 103 Install or Upgrade Scanner (11.0.41.0)*” which installs or upgrades both Service and Wscan parts, including the devices with enabled 11.0.39.0 Preview Feature or enabled 11.0.40.0 with both Service and Wscan parts. Once the Fixlet is used, the endpoint is no longer relevant for Fixlet 1 and both parts have to be upgraded simultaneously.

The devices with activated 11.0.39.0 Preview Feature or activated 11.0.40.0 with both Service and Wscan parts, are not relevant for *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.41.0) (Superseded)* Fixlet.

To revert back to Wscan Only deployment:

- If exclusions customization was made use the Excluded Directories analysis to copy the exclusions set currently applied
- Uninstall both the Scanner components with Fixlet 4 “*Uninstall Scanner*”
- Install Scanner with Fixlet 1 “*Install or Upgrade Scanner - Wscan Only*”
- Apply the exclusions again

Upgrade process is extended with creation of backup of Service executable and databases, and ability to restore it with the use of a dedicated *Fixlet 1011 BigFix Scanner Service restore from backup (Windows)* in case of failure. This requires additional disk space for storing backup of Service executable and databases located in `C:\Program Files (x86)\BigFix Enterprise\BES Client\tools\scanner\db`. The “*Fixlet 103 Install or Upgrade Scanner (11.0.41.0)*” contains relevance to ensure sufficient disk space for upgrade operation.

First time use of the 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.'

Modified content

The version number of the Fixlet is 11.0.41.0.

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

Fixlets

- Install or Upgrade Scanner **[updated]**
- BigFix Scanner Service restore from backup (Windows)
- BigFix Scanner Service Restart/Stop/Start
- Install or Upgrade Scanner - Wscan Only (Superseded) **[updated]**
- Install or Upgrade Scanner - Wscan Only (9.2.35.0) (Superseded) **[updated]**
- Wscan CPU Threshold Setting
- Activate Preview Features **[disabled]**
- Add Excluded Directories
- Remove Excluded Directories
- 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 **[disabled]**
- 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
- Scanner Information
- Excluded Directories
- 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
7za (7-zip file archiver) executable updated to version 25.01	The update from version 24.09 to 25.01 represents a critical security compliance update . It addresses identifying Common Vulnerabilities and Exposures (CVEs) found in the older version, ensuring the integrity and safety of archive handling in scanner installation.	11.0.41.0
Support for 32-bit Linux (ix86)	Extending scanning capabilities on Linux for 32-bit (ix86) end points, especially for TinyCore Linux / BigFix Relays infrastructure Introduction to Tiny Core Linux - BigFix Virtual Relay .	11.0.41.0
Hardware Detection of IBM Power 11 Processors (Capacity Scan Only)	The Capacity Scan function can now identify IBM Power 11 processors on Linux endpoints.	11.0.41.0
Enhanced collection of various device metrics to support BigFix Solutions	BigFix Scanner service collects additional device metrics on Windows to support BigFix solutions. The BigFix solution configures the service automatically when enabled and no further actions are required. In case of product function using BigFix Scanner refer to the official BigFix product documentation.	11.0.41.0
Technical equivalent to IBM Common Inventory Technology component v9.2.41	Integrated IBM scanner capabilities to support the BigFix Inventory v11.0.6 — equivalent to IBM License Metric Tool 9.2.41 for IBM Virtualization Capacity reporting.	11.0.41.0
Updated the BigFix Capacity Planning - BigFix Scanner Supplement	Updated BigFix Capacity Planning - BigFix Scanner Supplement with information about disk space requirements on Windows for new Scanner.	11.0.41.0

Defect fixes

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

	Symptoms	Behavior after you install the update	Available since
KB0124624	Scanner Installation and Scans fails	Successful Scanner Installation and stable scans ensuring proper data gathering.	11.0.41.0

KB0126321	Install or Upgrade Scanner 11.0.40.0 fails with the database error.	Scanner Service will be installed or upgraded successfully.	11.0.41.0
KB0124568	File System Monitoring Cache causes false discovery.	Avoids the false discovery caused due to filtering based on attribute "SIZE" (file) from catalog. Scanner supports the filter attribute "SIZE" as part of catalog signatures.	11.0.41.0
KB0127019	Failure of SW scan due to high memory consumption for catalog that contains custom signatures having wildcard only.	Skips the catalog signature which are purely wildcards (open ended). The scanner should run successfully without memory-related failures, even when using large catalogs. In case such a generic signature exists as part of catalog, The following error message will be recorded in the Wscan log file: <i>"fs query with wildcard only is not supported"</i>	11.0.41.0
KB0125800	Additional (D:) Drive (bitLocker Enabled) Becomes Inaccessible When BigFix Scanner Service Is Running	Scanner service will not interfere in accessibility of drive, In any circumstance including the running status of scanner service.	11.0.41.0
BI-33801	Typo in naming of "BigFix Scanner"	"BigFix Scanner" Naming stands corrected in description of fixlets.	11.0.41.0
BI-34776	Scanner service causing excessive removable storage audit logs.	1. Skipped the file system monitoring for removable drives. (by default) 2. exclusion of mount points is correctly processed by the service.	11.0.41.0
BI-34837	Fault in the relevance to check the disk space requirements prior to Install or upgrade Scanner	Adjusted values for required disk space in the relevance to check it prior to Scanner Installation or upgrade scenarios.	11.0.41.0
BI-33474	Unexpected values from analyses after running Install or Upgrade Scanner	Output of analyses " Scanner Information " match the expectation.	11.0.41.0
BI-34413	Package Install Date on Windows no parsed	Improved extraction of the install date to support additional formats.	11.0.41.0

Security enhancements

7-Zip upgraded to version 25.01

Scanner version and changes

The scanner version that is used with this update is 11.0.41.0 for all supported platforms.

Changes to supported systems

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

- Linux on ix86 (32-bit) - to support in particular TinyCore Linux.

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.