

BigFix Scanner 11.0.43.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.43.0.

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!)	12	Yes
BigFix Scanner	11.0.43.0 on all supported platforms	Yes

BigFix Scanner includes BigFix Scanner Service by default

Deploying default BigFix Scanner means installation of additional Windows/macOS service. Please consult and agree within wider IT teams rollout of this across the environment. Some systems might monitor introducing new service on Windows/macOS 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only part of the BigFix Scanner use the already existing *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.43.0) (Superseded)*. Its title is adjusted to manifest its scope.

This is superseded by *Fixlet 103: Install or Upgrade Scanner (11.0.43.0)*, which installs or upgrades both the Service and Wscan components. The deployment behavior dynamically adapts to the host operating system, installing both Wscan and Scanner Service on Windows endpoints, installing Wscan exclusively on Unix-based systems (Linux, AIX, Solaris, etc.), and deploying only the Scanner Service on macOS endpoints.

Consequently, devices running either the 11.0.39.0 Preview Feature or versions 11.0.40.0 through 11.0.42.1 (with both components enabled) are not relevant for the older *Fixlet 1: Install or Upgrade Scanner - Wscan Only (11.0.43.0) (Superseded)*. Once Fixlet 103 is deployed, the endpoint is no longer eligible for Fixlet 1, and all future component upgrades must be performed together.

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/macOS)* in case of failure. This requires additional disk space for storing backup of Service executable and databases located in the Windows at `C:\Program Files (x86)\BigFix Enterprise\BES Client\tools\scanner\db` (or) in the macOS at `/Library/Application Support/BigFix/BES Agent/tools/scanner/db` .

The “*Fixlet 103 Install or Upgrade Scanner (11.0.43.0)*” contains relevance to ensure sufficient disk space for upgrade operation.

Additionally, the installation and uninstallation fixlets for the Scanner Service on macOS have been promoted from Preview status to Official Release. This transition provides administrators with fully supported, automated, and streamlined control over scanner deployment and lifecycle management across macOS endpoints.

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 11.0.43.0.

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/macOS) **[updated]**
- BigFix Scanner Service Restart/Stop/Start **[updated]**
- Install or Upgrade Scanner - Wscan Only (Superseded)
- Install or Upgrade Scanner - Wscan Only (9.2.35.0) (Superseded)
- Configure Scanner Service
- Wscan CPU Threshold Setting
- Activate Preview Features **[disabled]**
- Add Excluded Directories
- Remove Excluded Directories
- Uninstall Scanner **[updated]**
- 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

Abstract	Description	Available since
Technical equivalent to IBM Common Inventory Technology component v9.2.43	This update introduces comprehensive data parity and functional equivalency with IBM CIT 9.2.43 for IBM Virtualization Capacity reporting.	11.0.43.0
Scanner Service added support for Process Metrics on Windows and macOS	This update introduces support to collect and report process Metrics on Windows and macOS. This feature is disabled by default and enabled when the BigFix Application Plugin is present.	11.0.43.0

	For detailed implementation timelines and feature expansions, please refer to future BigFix solutions updates.	
Scanner Service added support for Hardware Inventory on macOS	This update enables the scanner service to collect and report the hardware inventory details on macOS endpoints. This enhancement allows the generation of hardware report for macOS as an initial step towards achieving feature parity with Windows (Wscan Hardware inventory and capacity scan).	11.0.43.0

Defect fixes

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

Security enhancements

- Enabled Control Flow Guard (CFG) compilation (Windows-specific security feature)
- Updated the package golang/x/sys to v0.44.0

Scanner version and changes

The scanner version that is used with this update is 11.0.43.0 for all supported platforms.

Changes to supported systems

Wscan has added support for the following operating systems and architectures:

- SuSE Linux Enterprise Server 16 for x86 (64-bit)
- SuSE Linux Enterprise Server 16 for IBM Power (64-bit Little Endian)

Scanner Service has added support for the following operating systems and architectures:

- macOS 12 and later on the Darwin platform, for both Intel (x86_64) and Apple Silicon (arm64) systems.

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.

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.