

BigFix Scanner 11.0.44.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.44.0.

This update is cumulative and includes changes provided in previous scanner updates.

Name of the component	Version	Updated in this Release
BigFix Scanner Site (NEW SITE!)	14	Yes
BigFix Scanner	11.0.44.0 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only part of the BigFix Scanner use the already existing *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.44.0) (Superseded)*. Its title is adjusted to manifest its scope.

This is superseded by *Fixlet 103: Install or Upgrade Scanner (11.0.44.0)*, which installs or upgrades both the Service and Wscan components.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 11.0.43.0 (with both components enabled) are not relevant for the older *Fixlet 1: Install or Upgrade Scanner - Wscan Only (11.0.44.0) (Superseded)*.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, supporting library 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 (11.0.44.0)*” 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, 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 11.0.44.0.

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
- Install or Upgrade Scanner - Wscan Only (Superseded)
- Install or Upgrade Scanner - Wscan Only (9.2.35.0) (Superseded)
- Configure Scanner Service **[updated]**
- 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 **[updated]**
- Collect Logs from Endpoints **[updated]**
- Analyze the Relevance of a Fixlet or Task
- Activate or Deactivate User Session Collector **[new]**

Analyses

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

Enhancements and important changes

Abstract	Description	Available since
BigFix Scanner Browser Extension to support BigFix AI Management	New Google Chrome extension to report information about the usage of AI tools - Windows only support. Please refer to documentation for more details.	11.0.44.0
Technical equivalent to IBM Common Inventory Technology component v9.2.44	This update introduces comprehensive data parity and functional equivalency with IBM CIT 9.2.44 for IBM Virtualization Capacity reporting.	11.0.44.0
Enhanced support for Hardware Inventory and Capacity scans on macOS	Detailed and Capacity Scan reporting enhanced to include the following groups: • PhysicalProcessor • LPAR • OperatingSystem • NetworkAdapter • SMBIOS	11.0.44.0
Scanner Service added support for Process Monitoring to collect Process Metrics for monitored applications on Windows and macOS	This update introduces support to collect and report process Metrics for monitored applications on Windows and macOS. This feature is disabled by default and enabled when the BigFix Application Plugin is present. For details refer to BigFix solutions updates.	11.0.44.0
Added Support for Process Monitoring to collect Process connectivity Metrics for monitored applications on macOS	Added support to collect process connectivity metrics for monitored applications for attempted, alive, and established TCP connections, as well as smoothed RTT values on macOS. A new dynamic library is now deployed in the /libs under scanner folder to support the collection of process connectivity metrics on macOS.	11.0.44.0
Added support for Process Monitoring to collect the responsiveness metrics for monitored applications on Windows	Process Monitoring can collect the responsiveness metrics for monitored applications on Windows. A new executable (bf_us_scan.exe) is now deployed under /bin in the scanner folder to be run in user session. It is automatically launched for each logged-in user to monitor application responsiveness and report results to the scanner service.	11.0.44.0

Scanner Service supports the runtime configurable application catalog	The Scanner Service now dynamically loads configuration updates from the application catalog without requiring a service restart.	11.0.44.0
Event Monitoring on macOS and Windows	Added support of Event Monitoring for collecting Boot, Logon and Reliability events for macOS and Windows.	11.0.44.0
Updated the device monitoring data retention default value to 14 days	Updated the default data retention period for device monitoring to 14 days (configurable between 7 and 30 days).	11.0.44.0

Defect fixes

Defect ID / Reference	Symptoms	Behavior after you install the update	Available since
BI-39562	Reporting of BSOD reliability events on Windows	The scanner service correctly reports Blue Screen of Death (BSOD) events as “System Crash” reliability events.	11.0.44.0
BI-42402	Application installation on macOS causes detection of a new disk/partition.	Application installers are non-writable disks and have been excluded from device monitoring.	11.0.44.0
BI-43968	Delayed setting of "_BFScanner_rollback" flag prevents Fixlet 1011 relevance on upgrade failure	“Fixlet 1011 - Restore from backup” becomes relevant if an upgrade failure occurs at any point after the backup files are created.	11.0.44.0
BI-42117	BigFix Scanner Fixlets not showing up in Lifecycle Domain correctly	This Fix introduces three categories in Systems Lifecycle View (Scanner Installation, Configuring Scanner, and Troubleshooting the Scanner) that list all relevant Fixlets and Analyses.	11.0.44.0

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

Security enhancements

- Golang upgraded to v1.26.8
- gRPC upgraded to v1.83.2.
- crypto upgraded to 0.57.0
- go-toml/v2 upgraded to v2.4.3.

Scanner version and changes

The scanner version that is used with this update is 11.0.44.0 for all supported platforms.

Changes to supported systems

- Added support for Debian 13 (x86-64) in the Wscan component.

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.