

BigFix Scanner 11.0.42.0 Release Notes

This document provides information about the BigFix Scanner update 11.0.42.0.

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!)	10	Yes
BigFix Scanner	11.0.42.0 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only part of the BigFix Scanner use the already existing *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.42.0) (Superseded)*. Its title is adjusted to manifest its scope.

It is superseded by “*Fixlet 103 Install or Upgrade Scanner (11.0.42.0)*” which installs or upgrades both Service and Wscan parts, including the devices with enabled 11.0.39.0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, 11.0.41.0, or 11.0.41.1 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, 11.0.41.0, or 11.0.41.1 with both Service and Wscan parts, are not relevant for *Fixlet 1 Install or Upgrade Scanner - Wscan Only (11.0.42.0) (Superseded)* Fixlet.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 (11.0.42.0)*” contains relevance to ensure sufficient disk space for upgrade operation.

Re-activated the Preview Feature fixlets for the installation and uninstallation of the Scanner Service on macOS. This update provides administrators with streamlined, automated control over scanner deployment and removal specifically for 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 11.0.42.0.

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]**
- Configure Scanner Service **[new]**
- Wscan CPU Threshold Setting
- Activate Preview Features **[updated]**
- 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 **[updated]**
- Edit Scanner Trace Settings
- Configure Scan Cache **[updated]**
- Collect Logs from Endpoints **[updated]**
- Analyze the Relevance of a Fixlet or Task

Analyses

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

Enhancements and important changes

Abstract	Description	Available since
<p>Technical equivalent to IBM Common Inventory Technology component v9.2.42</p>	<p>This update introduces comprehensive data parity and functional equivalency with IBM CIT 9.2.42 for IBM Virtualization Capacity reporting.</p> <p>By aligning with these established reporting standards, the BigFix Scanner ensures consistent telemetry collection across the environment.</p>	<p>11.0.42.0</p>
<p>Windows Code Signing - Certificate Expiration / Procedure Change</p>	<p>This update transitions our Windows-based executables to a new Code Signing Certificate. This is a routine but critical security procedure to ensure all software components remain verified, compliant, and trusted by the Windows operating system.</p> <p>User Impact:</p> <ul style="list-style-type: none"> ● Seamless Transition: This change is transparent; you will continue to see our verified publisher name without interruption. ● Proactive Security: By updating before the current certificate expires, we ensure Windows continues to recognize our software as a trusted source, preventing "Unknown Publisher" or SmartScreen warnings during installation. 	<p>11.0.42.0</p>
<p>[BFINV-I-380], BFINV-I-398</p> <p>Support for Linux on ARM64</p>	<p>This update expands our cross-platform capabilities by introducing native support for Linux on ARM64 (AArch64) architectures. As organizations shift toward high-performance, power-efficient infrastructure, this feature ensures our solution runs seamlessly on modern silicon.</p>	<p>11.0.42.0</p>
<p>[Preview Feature] Support for Device Metrics on MAC OS</p>	<p>This update introduces a Preview Feature service for the Apple ecosystem, specifically designed to collect and report macOS Device Metrics.</p> <p>This telemetry is specifically designed to support BigFix solutions by providing the foundational data necessary for cross-platform parity. For detailed implementation timelines and feature expansions, please refer to future BigFix solutions updates.</p>	<p>11.0.42.0</p>
<p>[BFINV-I-424] Support for new signatures - JAR file inspection</p>	<p>This update introduces deep-level signature inspection specifically for JAR archives within the Wscan component. This enhancement adds a dedicated extraction and scanning layer to identify signatures within the primary archive.</p>	<p>11.0.42.0</p>

	<p>Scope:</p> <ul style="list-style-type: none"> ● Component: Integrated into the Wscan scanning engine. ● Inspection Depth: Scans are performed at Level 1 only; nested JAR files within an archive are not inspected in this version. <p>The scanner discovery logic for Java-based applications has been refined. The scanner now performs a two-tier verification:</p> <ul style="list-style-type: none"> ● Check if a product is installed by looking for the JAR archive and a specific class within it. ● Skip the scan if it is NOT present (installed). ● If present, look for, i.e. version, in MANIFEST.MF file included in ● JAR archive <p>How this maps to your XML draft:</p> <ul style="list-style-type: none"> ● FileExistsArchive: Reflected as "verifying specific .class files." ● Action do="SKIP": Reflected as "reducing false positives" (by ignoring non-matching archives). ● ReadFileExArchive + Extract Regex: Reflected as "dynamically extracts version information." 	
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Defect fixes

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

	Symptoms	Behavior after you install the update	Available since
KB0129100	Formatting of File Scan Data	This fix improves the data output formatting for Analysis 111. File scan statistics are now presented in a clean, structured, and legible format, ensuring better visibility into Scanner Service performance and data accuracy.	11.0.42.0
KB0128954	File system scanning	File system scan not completed leading to catalog scan stuck in Running state	11.0.42.0

KB0119961	Scan data value validation	This update prevents inaccurate reporting and ensures that capacity calculations are based on verified, high-integrity scan outputs.	11.0.42.0
KB0129931	Service upgrade failure	Upgrading from 11.0.40.0 to 11.0.42.0 is successful.	11.0.42.0
BI-36872	Scan cache configuration failure	This update ensures that configuration parameters are correctly processed across all supported platforms, improving the reliability of the scanning process in heterogeneous environments.	11.0.42.0
BI-35389	USN: files and folders counting in "FSmon_dir_info" table not updated after their deletion	This fix ensures that directory monitoring data accurately reflects the current state of the file system.	11.0.42.0

Security enhancements

gRPC library upgraded to version v1.79.3

Scanner version and changes

The scanner version that is used with this update is 11.0.42.0 for all supported platforms.

Changes to supported systems

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

- Operating Systems: Amazon Linux 2 and Amazon Linux 2023.
- Architecture: AARCH64 (ARM64)

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.