

BigFix 10 Technology Preview - WebUI Multicloud support



Purpose

- To evaluate customer experience and solicit feedback on the major features of BigFix v10 and to identify possible enhancement areas

When

- January 27 – February 21

Approach

- Your Technology Preview contact will provide you with:
 - A link to a video that gives you an overview of the WebUI Inline Reporting Technology Preview program
 - A slide deck that is used in the video
 - A hosted environment and access credentials
 - A program guide that gives you an overview of all the BigFix 10 Technology Preview
 - A link to the feedback form, to capture and submit your feedback

Multicloud Support

A single, comprehensive view of all your endpoints, whether they are running in the cloud or on premise

- Extend BigFix capabilities to the leading cloud providers: Amazon, Azure, VMware (with more to come).
- Provide visibility to all your endpoints, regardless of type and location, within a single tool.
- Simplify cloud visibility with native API support (AWS, Azure, etc...) that does not require BigFix agent installation
- Automation to add the BigFix agent and add patch, software inventory, compliance to cloud endpoints with your trusted BigFix tools

The screenshot shows the BigFix Multicloud Support interface. At the top, there are tabs for Devices, Apps, and Deployments. Below the tabs, the main title is "Devices". On the left, there is a sidebar titled "Refine My Results" with several filter options:

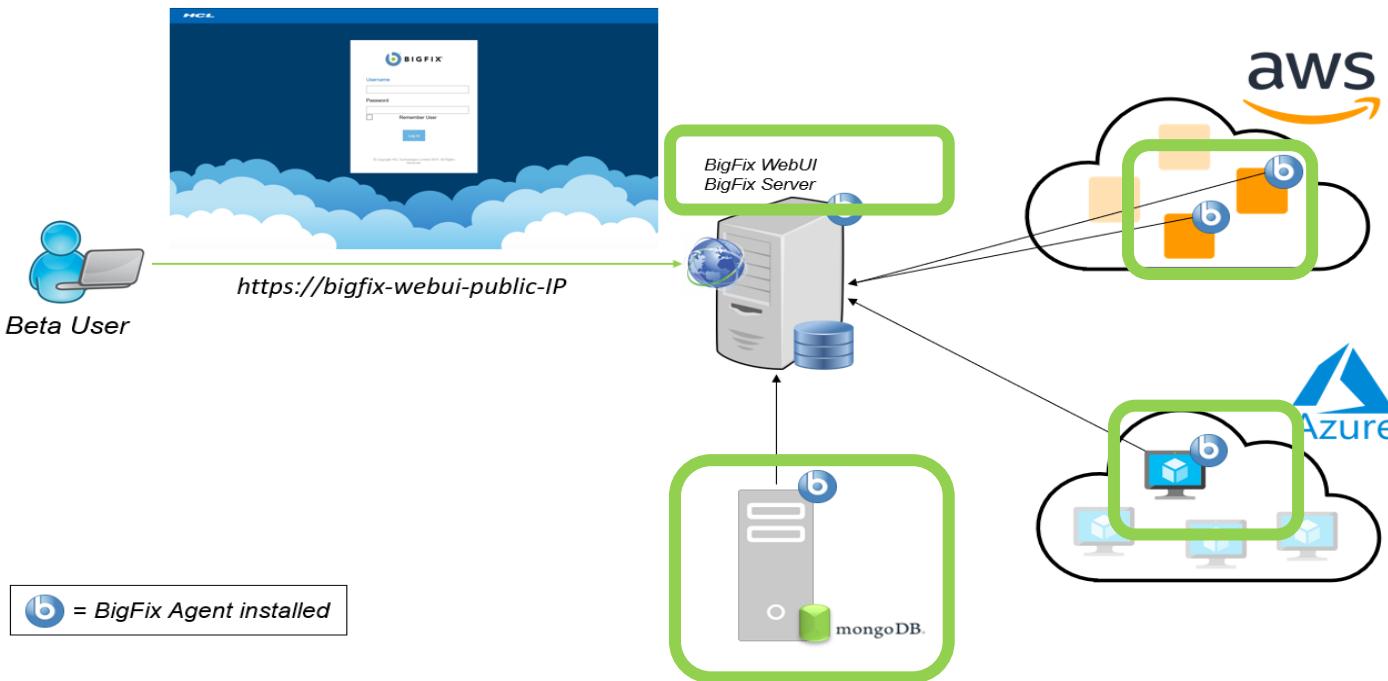
- Status:** Locked (selected) and Unlocked.
- Device Group:** Group Name input field.
- Most Recent User:** User Name input field.
- IP Address:** Search For IP input field.
- BES Agent Status:** Installed (selected) and Not Installed.
- Agent Type:** Cloud (selected), with sub-options vSphere, Azure, and AWS.
- Cloud Tags:** Key and Value dropdown menus.

The main area displays a list of 1,713 devices, sorted by Relevant Count (View: 20). The list includes:

Device Name	Last Seen	Relevant Count	Action
WINCLOUDSERVER	a minute ago	20	0
EC2AMAZ-HEHOTQG	13 minutes ago	13	0
WINCLOUDRELAY	5 days ago	13	0
WINCLOUDCLIENT	18 minutes ago	11	93
AndreaWin10	2 minutes ago	11	0
AWS_1080913888	7 days ago	0	0
BA-PP-NativeAgent	15 days ago	0	0
ip-192-168-39-68	2 minutes ago	0	0
win_7_113	an hour ago	0	0
ip-192-168-39-116	a day ago	0	0
BA-PP-VHAgent	2 months ago	0	0
az-instance-5	8 days ago	0	0
az-instance-5	12 days ago	0	0
SuseSLES15-image	3 months ago	0	0
AWS_-1609358899	6 days ago	0	0
fab-rhel-test	5 minutes ago	0	0
AWS_-531275830	6 days ago	0	0
OSD Dev Env Mariano	41 minutes ago	0	0
AWS_1088113872	11 days ago	0	0
AWS_1611991973	12 days ago	0	0

Environment and Scenarios





Main components:

BigFix Server
BigFix WebUI

Plugin Portal prerequisite to Cloud Plugins

BigFix Server is connected through the plugin Portal component to AWS and Azure

On AWS you will find an environment with a number of virtual machines o/w 2 already have BigFix agent installed

On Azure you will find a number of virtual machines, only one has BigFix agent installed

What you will see

Credentials you have been given have
“Non Master Operator” authority

You will be able to access Devices information and all the related discovered cloud properties for you to verify that the data BigFix is able to retrieve and aggregate are appropriate to support your use cases.

In this environment we have pre installed components that only Master Operators can manage :

Plugin portal : prerequisite to all the management extensions in BigFix 10

Cloud Plugins components that allow the discovery of the cloud environments

The screenshot shows the BigFix Plugin management interface. At the top, there's a navigation bar with the BigFix logo, 'Devices', 'Apps', 'Deployments', and a settings gear icon. Below the header, a message says 'You can now manage non-traditional environments like cloud as well.' The main area is titled 'Plugin management'. It has two main sections: 'Plugin portals' and 'Plugins'. The 'Plugin portals' section shows one entry: 'Plugin portals (1)' with an 'Install' button. The 'Plugins' section is expanded and shows three entries under 'Cloud': 'AWS' (Hosting portal WINCLOUDCLIENT, Plugin version 1.0.33), 'Azure' (Host: 1 installed), and 'VMware' (Host: 1 installed). Each plugin entry has edit and delete icons. A large green rounded rectangle highlights both the 'Plugin portals' section and the 'Cloud' section of the 'Plugins' list.

SCENARIO 1 : Explore discovered instances – Device page and filtering

1. Log in to WebUI with the user ID and password provided.
2. Go to the Devices page
3. Observe both the default view, and the “Show Details” view
4. Understand the possible representations of a device (device with the native BigFix Agent installed vs. discovered device)
5. Understand how a single device with multiple representations is displayed
6. Search a device by name

Devices

Refine My Results

1,713 Devices

Device	Status
WINCLOUDSERVER	14 minutes ago
EC2AMAZ-HEHOTQG	10 minutes ago
WINCLOUDRELAY	5 days ago
WINCLOUDCLIENT	8 minutes ago
AndreaWin10	a minute ago
AWS_1080913888	8 days ago
BA-PP-NativeAgent	15 days ago
ip-192-168-39-68	2 minutes ago
win_7_113	an hour ago
ip-192-168-39-116	a day ago
BA-PP-VHAgent	2 months ago
az-instance-5	8 days ago
az-instance-5	12 days ago
SuseSLES15-image	3 months ago
AWS_-1609358899	6 days ago
fab-rhel-test	17 minutes ago
AWS_-531275830	6 days ago
OSD Dev Env Mariano	an hour ago
AWS_1088113872	11 days ago
AWS_1611991973	12 days ago

SCENARIO 2 : Explore discovered instances – Device document

1. Choose one device and display the Device document by clicking on the name
2. Explore the sections related to the various representations

Properties

0 Critical Vulnerabilities 0 Failed Deployments

Last Reported: 7 minutes ago 22 Jan 2020 15:19	OS: Win10 10.0.18362.592 (1903)
User: Andrea	107.09 GB Free Disk Space
CPU: 2400 MHz Xeon Active Directory Path: <Not specified>	DNS Name: AndreaWin10 Client Administrators: _op_2, _op_3, _op_39, _op_43, _op_44, _op_6, _op_4, _op_48, _op_7
IP Address: 10.190.166.71 Device Type: Server RAM: 7168 MB BIOS: 06/02/17	IPv6 Address: fe80::0:6803:a18:9430:1801 ID: 1086917855 Total Size of System Drive: 129042 MB Subnet Address: 10.190.166.0

Microsoft Azure Instances

Account Alias Azure	BadCreds
Correlation ID Azure	Microsoft Azure 85307bed-7f32-4e01-b6eb-0ab141ffb024
Image Offer	Windows-10
Image Publisher	MicrosoftWindowsDesktop
Instance ID Azure	85307bed-7f32-4e01-b6eb-0ab141ffb024
Private IP Azure	10.190.166.71
Provisioning State	Provisioning succeeded
Provisioning Time	2019-10-30 08:34:37
Public IP Azure	40.87.2.139
Region Azure	eastus
Resource Group	BIGFIX-ADMIN-GROUP
State Azure	VM running
Tags Azure	Andrea: test, Nicola: testtest, automation: no, Name: prova, strano: 12\$%25, stranissimo: ?
Type Azure	Standard D2

SCENARIO 3 : Explore discovered instances – Filtering devices

1. Identify the devices that do not have the BES Agent installed
2. Filter devices by available filtering options
3. Retrieve devices having a specific cloud provider
4. Retrieve devices with specific cloud tags
5. Use the “Export To” button to create a list

The screenshot shows the BIG FIX Devices interface. At the top, there are tabs for Devices, Apps, and Deployments. On the right, there are buttons for Export To (highlighted with a green box), Show Summary, and a search bar. Below the tabs, the word "Devices" is displayed. On the left, a sidebar titled "Refine My Results" contains various filtering options. These include "Collapse All" and "Expand All" buttons, a "Reset filters" link, and sections for "Relevant Devices" (with checkboxes for "With critical patches"), "Device Type", "Operating System", "Status" (with "Locked" and "Unlocked" buttons), "Device Group" (with a "Group Name" input field), "Most Recent User" (with a "User Name" input field), "IP Address" (with a "Search For IP" input field), "BES Agent Status" (with "Installed" and "Not Installed" buttons, the latter of which is highlighted with a green box), "Agent Type" (with a "Cloud" dropdown menu showing "vSphere", "Azure", and "AWS", the "Cloud" menu itself and "vSphere" are highlighted with green boxes), and "Cloud Tags" (with "Kev" as the key and "Choose a Value" dropdown). The main area displays a list of 1,713 devices. Each device entry includes the device name, last contact time, and agent status (e.g., 20▲, 0🔧). The list is sorted by Relevant Count and View: 20. A pagination bar at the bottom shows pages 1 through 5.

Device Name	Last Contact	Agent Status
WINCLOUDSERVER	14 minutes ago	20▲ 0🔧
EC2AMAZ-HEHOTQG	10 minutes ago	13▲ 0🔧
WINCLOUDRELAY	5 days ago	13▲ 0🔧
WINCLOUDCLIENT	8 minutes ago	11▲ 93🔧
AndreaWin10	a minute ago	11▲ 0🔧
AWS_1080913888	8 days ago	0▲ 0🔧
BA-PP-NativeAgent	15 days ago	0▲ 0🔧
ip-192-168-39-68	2 minutes ago	0▲ 0🔧
win_7_113	an hour ago	0▲ 0🔧
ip-192-168-39-116	a day ago	0▲ 0🔧
BA-PP-VHAgent	2 months ago	0▲ 0🔧
az-instance-5	8 days ago	0▲ 0🔧
az-instance-5	12 days ago	0▲ 0🔧
SuseSLES15-image	3 months ago	0▲ 0🔧
AWS_-1609358899	6 days ago	0▲ 0🔧
fab-rhel-test	17 minutes ago	0▲ 0🔧
AWS_-531275830	6 days ago	0▲ 0🔧
OSD Dev Env Mariano	an hour ago	0▲ 0🔧
AWS_1088113872	11 days ago	0▲ 0🔧
AWS_1611991973	12 days ago	0▲ 0🔧

Survey / Feedback form



Survey/feedback form

[BigFix 10 Technology Review – WebUI](#)

[Multicloud Support survey.](#)

Complete this survey and click **Submit** to send your feedback to us.

Thank you for your participation in making BigFix better! Feel free to contact Cristiana (Cristiana.damore@hcl.com) with any comments in regard to this process.

BigFix 10 technology preview - Multicloud support feedback

* Required

1. Do you think the scenarios you ran align with the ones you or your users typically experience in your day-to-day work? *

Yes

No

2. Did you see what you expected to see? If not, what/where is the gap (functional)? *

Enter your answer