

**BigFix Lifecycle
Virtual Endpoint Manager**



Special notice

Before using this information and the product it supports, read the information in Notices.

Edition notice

This edition applies to version 10.0 of BigFix and to all subsequent releases and modifications until otherwise indicated in new editions.

Contents

- Chapter 1. Virtual Endpoint Manager overview..... 5**
 - Supported platforms..... 5
 - Key features..... 5
- Chapter 2. System Requirements..... 6**
- Chapter 3. The Plugin Portal..... 7**
- Chapter 4. Setup and maintenance for VMware Plugin..... 8**
- Chapter 5. List of actionscript commands..... 9**
- Chapter 6. Cloud Plugins for Hyper Scalers..... 10**
- Chapter 7. Migrating from Management Extender to Plugin Portal..... 11**
- Chapter 8. Management Extender (to be deprecated)..... 12**
- Chapter 9. Troubleshooting..... 13**
- Chapter 10. Frequently asked questions..... 14**
- Notices.....XV
- Index.....**

Chapter 1. Overview

BigFix Lifecycle Virtual Endpoint Manager extends centralized endpoint management to virtual machines in both data center and cloud environments. It enables unified management of virtual and physical endpoints, offering real-time visibility, policy-driven automation, and consistent security enforcement. This unified approach enhances compliance, reduces operational complexity, and strengthens governance across hybrid infrastructures.

Key benefits of Virtual Endpoint Manager (VEM) include improved operational efficiency, reduced exposure to vulnerabilities, better control over virtual sprawl, and consistent governance across hybrid environments.

Supported platforms

This section lists the software and software versions supported by Virtual Endpoint Manager.

BigFix Lifecycle Virtual Endpoint Manager supports the following VMware product versions.

The following table lists advanced patching support.

The supported platforms are as follows:

- ESXi 8.0
- ESXi 7.0.1
- ESXi 7.0.0
- ESXi 7.0

Key features

Virtual Endpoint Manager provides key features for the management of your organization's virtual machines.

Virtual Endpoint Manager provides the following important features:

- Identification of virtual machines that have not been turned on for a long time.
- An offline virtual machine work-flow where you can schedule a patch window for machines to power on, run any BigFix actions targeted at the machines, then power down the machines safely.
- Support of virtual machine and host management tasks such as power-on, suspend, reboot, and taking snapshots for virtual machines.
- Exposure of virtual machine guest and host relationships in ESXi through new inspectors and the **Virtual Machine Guest Overview** dashboard.
- Real-time visibility, policy-driven automation, and consistent security enforcement across virtual environments.

Chapter 2. System Requirements

Ensure that you meet the necessary system requirements for the BigFix Lifecycle Virtual Endpoint Manager.



Warning: The Management Extender will no longer support fresh installations or upgrades going forward. Existing users may continue using it until it is fully deprecated in the near future.

To know more about the requirements for Virtual Endpoint Manager, refer to [VEM System Requirements](#).

Chapter 3. The Plugin Portal

The Plugin Portal is a new component introduced in BigFix 10 to help manage cloud devices as well as modern devices such as Windows 10 and MacOS endpoints enrolled to BigFix.

The Plugin Portal is a prerequisite for the installation of individual plugins for cloud or modern devices on your network. It is functional only in the presence of cloud plugins. For more information regarding the installation prerequisites, how to install, upgrade, and uninstall Plugin portal, refer to [The Plugin Portal](#).

For details on modern client management, see [Modern Client Management and BigFix Mobile](#).

Chapter 4. Setup and maintenance for VMware Plugin

This section provides documentation about setup and maintenance tasks for VMware plug-in to complete the VMware virtualization.

Use the information in this section for instructions and important information about how to set up the virtualization environment for VMware.

To know more about how to install, upgrade, and remove VMware plugin, refer to [Setup and maintenance for VMware Plugin](#).

Chapter 5. List of actionscript commands

This topic provides references to comprehensive lists of actionscript commands for VMware and cloud plugins. Use the provided links to access detailed command information for each environment.

To see the information on VMware actionscript commands, refer to [List of actionscript commands](#).

To see the information on cloud plugins actionscript commands, refer to [Cloud plugins commands](#).

Chapter 6. Cloud Plugins for Hyper Scalers

Cloud Plugins for Hyper Scalers enable BigFix to enhance visibility and management of both physical and virtual devices across your network. These plugins extend BigFix's capabilities to efficiently manage cloud endpoints, supporting comprehensive device oversight in diverse environments.

BigFix provides new functions for enhancing the visibility and management of devices on your network regardless of whether the devices are physical or virtual.

To know more about how to extend BigFix for managing cloud endpoints, refer to [Extending BigFix management capabilities](#) and [Extended cloud capability](#).

Chapter 7. Migrating from Management Extender to Plugin Portal

Refer to the tasks in this chapter to know about how to migrate from Management Extender to Plugin Portal.

For removing the management extender for VMware, refer to [Removing the management extender for VMware](#).

Next for installing the Plugin Portal, refer to [Setup and maintenance for VMware Plugin](#).

Chapter 8. Management Extender (to be deprecated)

The Management Extender is being deprecated and will no longer support new installations or upgrades. Existing users can continue to use it until full deprecation, after which the VMware Plugin will serve as its replacement. For transition and setup details, refer to the provided documentation links.



Warning: The Management Extender will no longer support fresh installations or upgrades going forward. Existing users may continue using it until it is fully deprecated in the near future.



Note: BigFix is working to leverage the new VMware Plugin to a wider set of BigFix platform versions. When that happens, the existing **VMware vCenter Management Extender** will be deprecated. For setup details of the new VMware plugin, refer to [Installing the VMware plug-in](#) task for more details.

Refer to [Setup & Maintenance of Management Extender](#) for more details.

Chapter 9. Troubleshooting

This topic provides troubleshooting resources for the VMware plugin portal and extended cloud plugins. Refer to the linked documentation for detailed guidance on resolving common issues.

To see the troubleshoot for VMware plugin portal, refer to [Troubleshooting](#).

To see the troubleshoot for extended cloud plugins, refer to [Troubleshooting](#).

Chapter 10. Frequently asked questions

This topic provides links to frequently asked questions for both the VMware plugin portal and extended cloud plugins. Use these resources to quickly find answers to common questions about each component.

To see the FAQs for VMware plugin portal, refer to [Frequently asked questions](#).

To see the FAQs for extended cloud plugins, refer to [Frequently asked questions](#).

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