



# **IT Asset Management 2023 R2.3**

System Requirements and Compatibility

# Contents

- 1. IT Asset Management System Requirements and Compatibility (Cloud Edition)..... 3
  - Hardware Requirements.....3
  - Prerequisite Software .....4
  - Network Requirements ..... 11
  - Compatibility with Other Products ..... 16
- 2. Documentation..... 21
- 3. More Information..... 22
- 4. Legal Information ..... 23

## 1

# IT Asset Management System Requirements and Compatibility (Cloud Edition)

IT Asset Management reports detailed information for installed software, application usage, purchases, and reconciles these to provide a license position.

It inventories virtual environments and Oracle databases, imports inventory from Microsoft Endpoint Configuration Manager (previously Microsoft SCCM) and other inventory tools through configurable adapters, and seamlessly integrates with Enterprise Resource Planning (ERP), Human Resources (HR), Active Directory (AD), and Purchase Order (PO) systems. IT Asset Management is used by enterprises to gain control of their software estate and optimize their software spend.

This document contains information about IT Asset Management, covering:

- FlexNet Manager for Clients
- FlexNet Manager for Datacenters
- FlexNet Manager for SAP Applications
- Service Life Data Pack.

Published System Requirements information is available in English, French, German, Japanese, and Spanish.

## Hardware Requirements

The tables below describe the hardware requirements for your inventory beacons, and for target inventory devices where you will deploy FlexNet Inventory Agent.

### FlexNet Beacon

| Category   | Requirement |
|------------|-------------|
| Processors | 2 cores     |


| Category                | Requirement                              |
|-------------------------|--|
| Memory                  | 4 GB minimum, 8 GB or higher recommended |
| Minimum free disk space | 1 GB per 10,000 devices                  |


## FlexNet Inventory Agent

| Category                | Requirement                                |
|-------------------------|--|
| Processors              | 1 core                                     |
| Memory                  | 512 MB minimum, 2 GB or higher recommended |
| Minimum free disk space | 25 MB installation + 100 MB workspace      |

## Prerequisite Software

The table below describes the supported operating systems and software prerequisites of IT Asset Management 2023 R2.3 at the time of release. Unless otherwise noted, support for a release includes support for all official service packs issued against the same release.

| Component   | Operating System  | Prerequisite Software   |
|-------------|---|---|
| Web Browser | <p>The following are the minimum versions of popular web browsers that are currently supported:</p> <ul style="list-style-type: none"> <li>Microsoft Edge for Windows 114.0.1823.37</li> <li>Google Chrome 115.0.0</li> <li>Mozilla Firefox 115.0.0</li> <li>Apple Safari 16.5.0.</li> </ul> <p>Some Flexera Analytics menu options are not available in the Chrome browser.</p> <p>Support for future web browser releases cannot be verified; however, there are no anticipated issues for future releases.</p> | <p>Flexera Analytics is not compatible with Microsoft Edge.</p> <p>A minimum screen resolution of 1024 horizontal pixels is required.</p> <hr/> <p> <b>Note:</b> Microsoft dropped support for Internet Explorer in June 2022.</p> |


| Component               | Operating System   | Prerequisite Software |
|-------------------------|--|-----------------------|
| FlexNet Inventory Agent | <p><b>Windows platforms:</b></p> <ul style="list-style-type: none"> <li>Windows Server 2008 R2 x64, 2012, 2012 R2, 2012 R2 SP1, 2016, 2019, 2022</li> <li>Windows Server Core 2008 R2 x64, 2012, 2012 R2</li> <li>Windows Server Standard (previously known as Windows Server Core) 2016, 2019</li> <li>Windows 7, 8, 10, 11</li> </ul> <hr/> <p> <b>Note:</b> Windows systems that can run on ARM-based devices are also supported.</p> <p><b>Linux platforms:</b></p> <ul style="list-style-type: none"> <li>Amazon Linux 2, 2023 (ARM64/AArch64; x86, 32-bit and 64-bit) <ul style="list-style-type: none"> <li>ARM (AArch64) requires glibc 2.17 or newer</li> </ul> </li> <li>CentOS 6-7.5 (x86, 32-bit and 64-bit); 7.6-9 (x86 64-bit only)</li> <li>Debian Linux 8-11.3 (x86, 32-bit and 64-bit); 11.5, 12.0 (x86 64-bit only) <ul style="list-style-type: none"> <li>For Debian Linux 9.4, 9.5 and 10 (both 32-bit and 64-bit), minimal installations of the OS core omit the <code>ifconfig</code> command. This prevents collection of the IP address and MAC address in inventory. The root user can use the following command to restore this functionality: <pre>apt-get install net-tools -y</pre> </li> </ul> </li> <li>Fedora Linux 26 (x86, 32-bit and 64-bit); 27-39 (x86 64-bit only)</li> <li>Support for POWER, ARM64 (aarch64) and s390x (IBM zSystem) systems that include glibc 2.17 or newer:</li> </ul> | No prerequisites.     |


| Component | Operating System  | Prerequisite Software |
|-----------|---|-----------------------|
|           | <ul style="list-style-type: none"> <li>CentOS 7.4 and later</li> <li>Debian 8 and later</li> <li>Fedora 21 and later</li> <li>Red Hat Enterprise Linux (RHEL) 7.4 and later</li> <li>SUSE 12 and later</li> <li>Ubuntu 14.04 and later. <ul style="list-style-type: none"> <li>POWER microprocessor support is restricted to little-endian builds (ppc64le) only. The FlexNet Inventory Agent does not run on any distribution that is big-endian (ppc64). Distributions that do not have a ppc64le build are not supported on POWER microprocessors, and these unsupported distributions include Amazon Linux, Oracle Linux, and Photon OS (however, these continue to be supported as listed on Intel architecture).</li> </ul> </li> </ul> |                       |
|           | <ul style="list-style-type: none"> <li>Nutanix AHV hypervisor. All versions that are within their <a href="#">product support lifecycle</a> and use the libvirt library are supported.</li> <li>OpenSUSE Leap 42.2, 42.3 (x86, 32-bit and 64-bit); 15-15.5 (x86 64-bit only)</li> <li>Oracle Linux 6.0–6.10 (x86, 32-bit and 64-bit); 7.0-8.8 and 9.0-9.2 (x86 64-bit only)</li> <li>Photon OS 3.0-5.0</li> <li>Red Hat Enterprise Linux (RHEL) 6.0-6.10 (x86, 32-bit and 64-bit); 7.0-8.9 and 9.0-9.2 (x86 64-bit only)</li> <li>Rocky Linux 8, 9</li> </ul>   |                       |

| Component | Operating System  | Prerequisite Software |
|-----------|---|-----------------------|
|           | <ul style="list-style-type: none"> <li>SUSE Linux Enterprise Server 12 SP3, 12 SP4, 12 SP5, 15, 15 SP1, 15.2-15.5 (x86 64-bit only)</li> <li>Ubuntu 14–17.04 (x86, 32-bit and 64-bit); 17.10-23.04 (x86 64-bit only)</li> </ul> <p><b>Other platforms:</b></p> <ul style="list-style-type: none"> <li>AIX 7.1 LPARs with Technology Level 5 or later, AIX 7.2</li> <li>macOS 10.15.4–14 (applicable for both Intel and Apple M-series processors) <ul style="list-style-type: none"> <li>If you need to run the FlexNet Inventory Agent of version 20.1 or earlier on an Apple M-series processor ("Apple silicon"), Rosetta 2 must be installed and running. This is Apple's solution for transitioning most Intel-based applications to run on Apple silicon. There are two possible command formats for installing Rosetta 2: <ul style="list-style-type: none"> <li>Interactive installation that asks for agreement to the Rosetta 2 license: <pre>/usr/sbin/softwareupdate --install-rosetta</pre> </li> <li>Non-interactive installation: <pre>/usr/sbin/softwareupdate --install-rosetta --agree-to-license</pre> </li> </ul> </li> </ul> </li> <li>Solaris 10–11 (SPARC), Zones for versions 10–11</li> <li>Solaris 10–11.4 (x86), Zones for versions 10–11</li> </ul> |                       |

| Component                          | Operating System                                     | Prerequisite Software  |
|------------------------------------|--|--|
| Flexera Kubernetes inventory agent | • Linux x86_64                                       | <p>The following implementations of Kubernetes are supported on Linux x86_64:</p> <ul style="list-style-type: none"> <li>• Kubernetes 1.16-1.27</li> <li>• Amazon EKS</li> <li>• Azure AKS</li> <li>• kind (Kubernetes in Docker)</li> <li>• Minikube</li> <li>• OKD 4.x</li> <li>• Red Hat OpenShift 4.x</li> </ul> <p>The following implementations of Kubernetes are supported on Linux s390x:</p> <ul style="list-style-type: none"> <li>• Kubernetes 1.16-1.26</li> <li>• OKD 4.x</li> <li>• Red Hat OpenShift 4.x</li> </ul> <p>The following implementations of Kubernetes are supported on Linux AArch64/ARM64:</p> <ul style="list-style-type: none"> <li>• Kubernetes 1.16-1.27</li> </ul> |
|                                    | • Linux s390x (Requires glibc 2.17 or newer)         |  |
|                                    | • Linux AArch64/ARM64 (Requires glibc 2.17 or newer) |  |



| Component      | Operating System   | Prerequisite Software  |
|----------------|--|--|
| FlexNet Beacon | <ul style="list-style-type: none"> <li>Windows Server 2012, 2012 R2, 2016, 2019, 2022</li> <li>Windows 8, 10, 11.</li> </ul> | <ul style="list-style-type: none"> <li>.NET Framework versions 4.7.2–4.8</li> <li>Any supported web browser.</li> <li>For Oracle Database inventory, Oracle OLE DB Provider (32-bit), version 10.2.0.3 or later.</li> <li>For connections to import data from DB2 databases, IBM OLE DB Provider (32-bit or 64-bit). Whether the driver is 32-bit or 64-bit is determined by the operating system, so that for 64-bit operating systems the 64-bit drivers are required.</li> <li>PowerShell 5.1 or later.</li> <li>For connection to AWS, you also require AWS Tools for PowerShell version 3.3.283.0 or later.</li> <li>For connection to Citrix Cloud, you will require any version of Citrix Remote PowerShell SDK.</li> <li>For connection to Microsoft Azure you will require PowerShell version 5.1 or later, with Microsoft Az module version 6.1.0 and Microsoft Azure Resource Graph module version 0.11 or later highly recommended.</li> </ul> <hr/> <p> <b>Tip:</b> Earlier versions of the Azure module may still be used, but with reduced functionality:</p> <ul style="list-style-type: none"> <li>The original Microsoft Azure Resource Manager module (version 6.8.1 or later) may still be used, provided you do not want to collect Azure Hybrid Benefit data or enjoy improved performance (and notice that this is approaching end-of-life)</li> <li>The newer Microsoft Az module (version 5.2.0 or later) is required to collect the Azure Hybrid Benefit data</li> <li>The recommended pair of Microsoft</li> </ul> |

| Component   | Operating System   | Prerequisite Software  |
|---|--|--|
|   |  | <p><i>Az module (version 6.1.0 or later) and Microsoft Azure Resource Graph module (version 0.11 or later) are required for adding improved performance, especially for enterprises with large implementations within Azure.</i></p> <ul style="list-style-type: none"> <li>For connection to Microsoft Office 365 Online Service, the following are also required: <ul style="list-style-type: none"> <li>64-bit server operating system</li> <li>PowerShell 5.1 or later.</li> </ul> </li> </ul> <p> <b>Note:</b> There are additional prerequisites if you choose to use the <b>Microsoft Office 365 (deprecated)</b> connector, rather than the recommended <b>Microsoft 365</b> connector. For those additional prerequisites, see <a href="#">this guide</a>.</p> <ul style="list-style-type: none"> <li>For connection to Tanium Asset the following are also required: <ul style="list-style-type: none"> <li>Tanium Server version 7.3.314.3668–7.5.5.1140</li> <li>PowerShell version 5.1 or later running on Windows Server 2012 or later, or Windows 7 SP1 or later.</li> </ul> </li> </ul> |
| FlexNet Manager for SAP Applications - Admin Module Transport | <ul style="list-style-type: none"> <li>SAP Basis release from 7.0 to 7.53.</li> </ul>  | The SAP GUI matching the SAP release must be installed.  |
| FlexNet Manager for SAP Applications - Satellite Transport    | <ul style="list-style-type: none"> <li>SAP Basis release from 4.6C to 7.53.</li> </ul> | No prerequisites.  |

# Network Requirements



**Note:** The three IP addresses listed in the **AWS Public IP** column represent three distinct AWS Availability Zones. Dynamic is shown when a static IP address cannot be provided. Please ensure that you add the relevant domain to your safelist.



**Remember:** All presentation servers for IT Asset Management require the HTTPS secure protocol for access. Any attempts to use HTTP receive a 307 redirect to HTTPS. As well, the presentation servers issue the HSTS header (HTTP Strict Transport Security), consistent with security best practice. The HSTS header tells client web browsers to access the presentation server using HTTPS only.

## Environment: U.S. UAT

| Service                              | Domain  | AWS Public IP |
|--------------------------------------|---|---------------|
| Beacon                               | beacon-uat.flexnetmanager.com   | 52.12.141.115 |
|                                      | beacon.uat.flexnetmanager.com   | 35.160.90.103 |
|                                      |   | 54.245.48.248 |
| Inventory                            | data-uat.flexnetmanager.com   | 54.71.83.177  |
|                                      | data.uat.flexnetmanager.com   | 34.214.173.38 |
|                                      |   | 54.189.34.121 |
| Presentation - Web UI                | https://app.flexera.com   | Dynamic       |
| Identity and Access Management (IAM) | login.flexera.com   | Dynamic       |
|                                      | secure.flexera.com  |               |
|                                      | api.flexera.com   |               |
|                                      | my.rightscale.com   |               |
|                                      | Note: After logging in, select the UAT tenant from the tenant selector drop down. |               |
| Reporting                            | bi-uat.app.flexera.com  | Dynamic       |

## Environment: U.S. Production

| Service | Domain                    | AWS Public IP |
|---------|---------------------------|---------------|
| Beacon  | beacon.flexnetmanager.com | 44.231.99.188 |
|         |                           | 54.189.154.85 |
|         |                           | 44.233.11.105 |

| Service                              | Domain                        | AWS Public IP  |
|--------------------------------------|-------------------------------|----------------|
| Inventory                            | data.flexnetmanager.com       | 44.233.232.159 |
|                                      |                               | 54.71.210.156  |
|                                      |                               | 54.201.23.92   |
| Presentation - Web UI                | https://app.flexera.com       | Dynamic        |
| Reporting                            | bi.app.flexera.com            | Dynamic        |
| UI                                   | app.flexera.com               | Dynamic        |
| Identity and Access Management (IAM) | login.flexera.com             | Dynamic        |
|                                      | secure.flexera.com            |                |
|                                      | api.flexera.com               |                |
|                                      | my.rightscale.com             |                |
| Flexera Analytics                    | embeddedanalytics.flexera.com | Dynamic        |
| Error logging                        | cdn.trackjs.com               | Dynamic        |
|                                      | capture.trackjs.com           |                |
|                                      | usage.trackjs.com             |                |
|                                      | fault.trackjs.com             |                |
| Recommended                          | googletagmanager.com          | Dynamic        |
|                                      | static.hotjar.com             |                |
|                                      | script.hotjar.com             |                |
|                                      | vars.hotjar.com               |                |
|                                      | www.google-analytics.com      |                |
|                                      | cdn.heapanalytics.com         |                |
|                                      | heapanalytics.com             |                |

### Environment: E.U. UAT

| Service               | Domain                       | AWS Public IP  |
|-----------------------|------------------------------|----------------|
| Beacon                | beacon-uat.flexnetmanager.eu | 35.156.206.151 |
|                       | beacon.uat.flexnetmanager.eu | 18.196.200.206 |
|                       |                              | 18.157.66.250  |
| Inventory             | data-uat.flexnetmanager.eu   | 3.127.204.177  |
|                       | data.uat.flexnetmanager.eu   | 18.156.19.254  |
|                       |                              | 18.196.164.70  |
| Presentation - Web UI | https://app.flexera.eu       | Dynamic        |

| Service                              | Domain  | AWS Public IP |
|--------------------------------------|---|---------------|
| Identity and Access Management (IAM) | login.flexera.com   | Dynamic       |
|                                      | secure.flexera.com  |               |
|                                      | api.flexera.com   |               |
|                                      | my.rightscale.com   |               |
|                                      | Note: After logging in, select the UAT tenant from the tenant selector drop down. |               |
| Reporting                            | bi-uat.app.flexera.eu   | Dynamic       |

### Environment: E.U. Production

| Service                              | Domain                       | AWS Public IP  |
|--------------------------------------|------------------------------|----------------|
| Beacon                               | beacon.flexnetmanager.eu     | 18.156.184.224 |
|                                      |                              | 3.123.233.63   |
|                                      |                              | 3.121.138.111  |
| Inventory                            | data.flexnetmanager.eu       | 3.126.23.8     |
|                                      |                              | 18.197.197.2   |
|                                      |                              | 3.127.78.223   |
| Presentation - Web UI                | https://app.flexera.eu       | <i>Dynamic</i> |
| Reporting                            | bi.app.flexera.eu            | <i>Dynamic</i> |
| UI                                   | app.flexera.eu               | <i>Dynamic</i> |
| Identity and Access Management (IAM) | login.flexera.eu             | <i>Dynamic</i> |
|                                      | secure.flexera.eu            |                |
|                                      | api.flexera.eu               |                |
|                                      | my.rightscale.com            |                |
| Error logging                        | cdn.trackjs.com              | <i>Dynamic</i> |
|                                      | capture.trackjs.com          |                |
|                                      | usage.trackjs.com            |                |
|                                      | fault.trackjs.com            |                |
| Flexera Analytics                    | embeddedanalytics.flexera.eu | <i>Dynamic</i> |

| Service     | Domain                   | AWS Public IP  |
|-------------|--------------------------|----------------|
| Recommended | googletagmanager.com     | <i>Dynamic</i> |
|             | static.hotjar.com        |                |
|             | script.hotjar.com        |                |
|             | vars.hotjar.com          |                |
|             | www.google-analytics.com |                |
|             | cdn.heapanalytics.com    |                |
|             | heapanalytics.com        |                |

### Environment: APAC UAT

| Service                              | Domain  | AWS Public IP  |
|--------------------------------------|---|----------------|
| Beacon                               | beacon-uat.flexnetmanager.au  | 13.210.49.152  |
|                                      | beacon.uat.flexnetmanager.au  | 54.252.19.176  |
|                                      |   | 54.79.59.101   |
| Inventory                            | data-uat.flexnetmanager.au  | 13.238.152.187 |
|                                      | data.uat.flexnetmanager.au  | 13.237.137.40  |
|                                      |   | 54.252.141.165 |
| Presentation - Web UI                | https://app.flexera.au  | <i>Dynamic</i> |
| Identity and Access Management (IAM) | login.flexera.au  | <i>Dynamic</i> |
|                                      | secure.flexera.au   |                |
|                                      | api.flexera.au  |                |
|                                      | my.rightscale.com   |                |
|                                      | Note: After logging in, select the UAT tenant from the tenant selector drop down. |                |
| Reporting                            | bi-uat.app.flexera.au   | <i>Dynamic</i> |

### Environment: APAC Production

| Service   | Domain                   | AWS Public IP |
|-----------|--------------------------|---------------|
| Beacon    | beacon.flexnetmanager.au | 13.55.211.91  |
|           |                          | 52.63.115.171 |
|           |                          | 13.236.74.182 |
| Inventory | data.flexnetmanager.au   | 13.54.54.204  |
|           |                          | 54.66.22.79   |
|           |                          | 52.65.226.55  |

| Service                              | Domain  | AWS Public IP  |
|--------------------------------------|---|----------------|
| Presentation - Web UI                | https://app.flexera.au  | <i>Dynamic</i> |
| Reporting                            | bi.app.flexera.au   | <i>Dynamic</i> |
| UI                                   | app.flexera.au  | <i>Dynamic</i> |
| Identity and Access Management (IAM) | login.flexera.au<br>secure.flexera.au<br>api.flexera.au<br>my.rightscale.com  | <i>Dynamic</i> |
| Error logging                        | cdn.trackjs.com<br>capture.trackjs.com<br>usage.trackjs.com<br>fault.trackjs.com  | <i>Dynamic</i> |
| Flexera Analytics                    | embeddedanalytics.flexera.au  | <i>Dynamic</i> |
| Recommended                          | googletagmanager.com<br>static.hotjar.com<br>script.hotjar.com<br>vars.hotjar.com<br>www.google-analytics.com<br>cdn.heapanalytics.com<br>heapanalytics.com | <i>Dynamic</i> |


### Online Certificate Status Protocol (OCSP)

- <http://ocsp.sca1b.amazontrust.com>
- <http://crt.sca1b.amazontrust.com/sca1b.crt>

### Certificate Revocation List (CRL)

- <http://crl.sca1b.amazontrust.com/sca1b.crl>

## General Settings

| Category                       | Requirement  | Notes   |
|--------------------------------|--|---|
| Internet Protocol version      | IPv4, IPv6 and dual-stack  | Remote execution (such as remote discovery and inventory collection) requires IPv4.<br><br>Communication between IT Asset Management in the cloud and the top-level inventory beacon server(s) requires IPv4.<br><br>Microsoft CAL device license calculations require IPv4 for CAL evidence collection and computer inventory. |
| Ports                          | Minimally, 80 (for HTTP) or 443 (for HTTPS) to access the central application server(s). |  <b>Note:</b> Other optional inventory sources may require additional ports. For further details, refer to the topic <i>Ports and URLs for inventory beacons</i> in the online help.   |
| Transport Layer Security (TLS) | 1.2  | Required for communication between the inventory beacon and the application server.   |

## Compatibility with Other Products

This section describes the compatibility of IT Asset Management 2023 R2.3 with other products at the time of release.



### Integration with Other Products





IT Asset Management integrates with the following products and components. Support for third-party products is based on the original software vendors' publicly stated support dates. If an environment is no longer supported by the original software producer, Flexera will provide "as is" support, meaning troubleshooting issues, without committing to any defect fixes or enhancements. This table details the currently supported versions:

| Product/Component                                     | Versions supported for imports   |
|---|--|
| App Portal (before renaming)                          | 2013 R2–2015 R2 SP5  |
| App Portal / App Broker (after renaming)              | 2022 R1–2022 R1 SP1  |
| Flexera Normalize (Data Platform)                     | 5.0-5.5  |
| BMC BladeLogic Client Automation (previously Marimba) | 8.2  |
| BMC Discovery (previously ADDM)                       | 9.0, 10.0–10.2 (ADDM), 11.0–23.3   |
| BMC Helix Discovery                                   | BMC Helix Discovery is a cloud based offering. IT Asset Management supports the most recent version of BMC Helix Discovery which includes the latest features and security patches as provided by the software vendor. |





| Product/Component   | Versions supported for imports   |
|---|--|
| Citrix Virtual Apps server (previously XenApp server)   | 6.0, 6.5, 7.5-7.9, 7.11-7.17 (XenApp), 7.1808-7.2311 (Citrix Virtual Apps)   |
| Citrix Virtual Desktops (previously Citrix XenDesktop)  | 5.6, 6.0, 6.5, 7.5-7.9, 7.11-7.17 (XenDesktop), 7.1808-7.2311 (Virtual Desktops)   |
| CyberArk  | 9.8, 11.7, 12.0, 13.0  |
| Docker  | 1.13, 17.03-24.0 (64-bit Linux, 64-bit Windows Server 2016 onwards)  |
| EdgeSight for Citrix Virtual Apps (previously XenApp EdgeSight)                                 | 5.4, 7.6, 7.14-7.16 (requires a Platinum license), 7.17 (XenApp), 7.1808-7.2311 (Citrix Virtual Apps)  |
| HP Discovery and Dependency Mapping Inventory (DDMI)  | 9.3  |
| HPE Universal Discovery (HP-UD)   | 10.10, 10.11, 10.33-11.5, 2020.05, 2020.08, 2020.11, 2021.05, 2021.11  |
| HCL BigFix Platform (previously Tivoli Endpoint Manager and IBM BigFix) on Microsoft SQL Server | <div>  <b>Tip:</b> Do not confuse the individual BigFix products. HCL BigFix platform (or Platform, often referred to as simply "BigFix") and HCL BigFix Inventory are quite distinct. You may import inventory from HCL BigFix Platform if this is your only BigFix product. However, if you also have HCL BigFix Inventory, you normally need import inventory only from HCL BigFix Inventory (see below). (HCL acquired the BigFix family from IBM in December 2018.) </div> |
| IBM License Metric Tool (ILMT) or HCL BigFix Inventory on IBM DB2                               | <ul style="list-style-type: none"> <li>HCL BigFix Inventory on IBM DB2: <ul style="list-style-type: none"> <li>Was previously known as IBM Software Usage Analysis (SUA), and SUA is supported (on IBM DB2) for versions 9.0, 9.1</li> <li>Rebranded from version 9.2.1, IBM BigFix Inventory on IBM DB2 is supported for versions 9.2.5-9.2.34</li> <li>Acquired from IBM by HCL in December 2018.</li> </ul> </li> <li>IBM License Metric Tool (ILMT) on IBM DB2 is supported for versions 9.2.5-9.2.34.</li> </ul>  |
| IBM License Metric Tool (ILMT) or HCL BigFix Inventory on Microsoft SQL Server                  | <ul style="list-style-type: none"> <li>BigFix Inventory on Microsoft SQL Server: (IBM) 9.2.5-9.2.34, (HCL) 10.0.0-10.0.13</li> <li>IBM License Metric Tool (ILMT) on Microsoft SQL Server: 9.2.5-9.2.34.</li> </ul>  |
| IBM Passport Advantage  | as of November 2014  |

| Product/Component   | Versions supported for imports  |
|---|---|
| Linux KVM   | <p>Supported on:</p> <ul style="list-style-type: none"> <li>CentOS 6-7.5 (x86, 32-bit and 64-bit); 7.6-9 (x86 64-bit only)</li> <li>Nutanix AHV hypervisor</li> </ul> <hr/> <p> <b>Note:</b> All versions that are within their <a href="#">product support lifecycle</a> and use the <i>Libvirt</i> library are supported.</p> <ul style="list-style-type: none"> <li>Oracle Linux 6.0–6.10 (x86, 32-bit and 64-bit); 7.0-8.7 and 9.0-9.1 (x86 64-bit only)</li> <li>Red Hat Enterprise Linux (RHEL) 6.0-6.10 (x86, 32-bit and 64-bit); 7.0-8.8 and 9.0-9.2 (x86 64-bit only)</li> <li>SUSE Linux Enterprise Server 12 SP3, 12 SP4, 12 SP5, 15, 15 SP1, 15.2-15.5 (x86 64-bit only)</li> </ul> <hr/> <p> <b>Note:</b> Linux KVM requires FlexNet Beacon 2019 R2 (14.0) or later.</p> |
| Microsoft App-V Integration Server  | 4.6, 5.0, 5.1.85–5.1.134  |
| Microsoft Endpoint Configuration Manager (previously Microsoft SCCM or SMS) | 2007, 2012, 2012 R2, 1511-1906, 1910, 2002, 2006, 2010, 2103, 2107, 2111, 2203, 2207, 2211, 2303, 2309  |
| Microsoft Exchange ActiveSync   | 2010-2013   |
| Microsoft Hyper-V   | <p>Running on:</p> <ul style="list-style-type: none"> <li>Windows Server 2008 x64</li> <li>Windows Server 2008 x64 Server Core</li> <li>Windows Server 2008 R2 x64</li> <li>Windows Server 2008 R2 x64 Server Core</li> <li>Windows Server 2012</li> <li>Windows Server 2012 R2</li> <li>Windows Server 2016</li> <li>Windows Server 2019</li> <li>Windows Server 2022.</li> </ul>  |
| Microsoft Intune  | Microsoft Intune is a cloud-based unified endpoint management platform. IT Asset Management supports the most recent version of Microsoft Intune which includes the latest features and security patches as provided by the software vendor.  |

| Product/Component                               | Versions supported for imports   |
|---|--|
| Oracle Database                                 | 8i, 9i, 10g, 11g, 11g Release 2, 12c, 18c, 19c, 21c  |
|   |  <b>Note:</b> <ul style="list-style-type: none"> <li>8i — requires a direct inventory beacon connection</li> <li>9i — requires a named account on Windows or a direct inventory beacon connection</li> <li>12c — the Oracle Multitenant option is not supported using a local agent.</li> </ul> |
| Oracle Enterprise Manager                       | 12.1–13.5  |
| Oracle VM Server for x86                        | 3.2–3.4.7  |
| ServiceNow                                      | For information on supported versions, go to the ServiceNow Store and search for 'Flexera'.  |
|   |  <b>Note:</b> ServiceNow has <a href="#">deprecated older versions of Transport Layer Security (TLS)</a> . Requires version 1.2.  |
| Symantec IT Management Suite (formerly Altiris) | 6.5, 7.1, 7.5  |
| Tanium Asset                                    | 1.8.0.0075–1.27.287  |
|   |  <b>Note:</b> Requires the Tanium adapter shipped with IT Asset Management 2020 R1.1 or later.  |
| Tanium Server                                   | 7.3.314.3668–7.5.5.1140  |
| VMware Horizon                                  | 8.0.0 or higher if not using Cloud Pod Architecture. Version 2012 or higher if using Cloud Pod Architecture.   |
| VMware vSphere/vCenter/ESXi                     | 5.0–6.7 u3b, 7.0, 8.0 U1b  |
|   |  <b>Note:</b> Remote inventory is not possible on the free license versions of ESXi.  |
| Workflow Manager                                | 2014–2016  |

## Inventory Components

The following table lists the versions of the FlexNet Beacon and FlexNet Inventory Agent that can be managed by IT Asset Management 2023 R2.3.

| Component                          | Compatible versions   |
|------------------------------------|---|
| FlexNet Inventory Agent (Windows)  | 8.5–9.2, 2014–2023 R2.3   |
| FlexNet Inventory Agent (Linux)    | <div>  <b>Note:</b> Earlier versions are compatible in that they receive default policy and collect inventory on schedule. They cannot support more recent agent functionality, such as:           <ul style="list-style-type: none"> <li>Internet Protocol version 6 (IPv6)</li> <li>Control of usage tracking through UI settings (rather than .ini files and registry controls), from 2014 (R1)</li> <li>Settings targeted by IP addresses, from 2014 (R1)</li> <li>CAL inventory, from 2016 R1.</li> </ul> </div>                  |
| FlexNet Inventory Agent (Solaris)  |   |
| FlexNet Inventory Agent (Mac OS X) |   |
| FlexNet Inventory Agent (AIX)      |   |
| Citrix XenApp server agent         | 2014 R3–2023 R2.3   |
| FlexNet Beacon                     | 2017 R2–2023 R2.3 <div>  <b>Tip:</b> Older inventory beacons continue to function with this release, but Flexera strongly recommends that you update to at least the range shown.           <ul style="list-style-type: none"> <li>AWS EC2 connector requires FlexNet Beacon 2020 R2 or later</li> <li>Citrix XenApp inventory requires FlexNet Beacon 2014 R2 or later</li> <li>Linux KVM requires FlexNet Beacon 2019 R2 (14.0) or later</li> <li>Tanium Connector requires FlexNet Beacon 2019 R2 (14.0) or later</li> </ul> </div> |

## 2

# Documentation

Documentation for IT Asset Management 2023 R2.3 is provided as online help. From the web user interface, click the question mark icon to launch the help. Additional documents are available from the title page of the online help. Note that both the online help and additional documents are customized for their different contexts, so that appropriate differences exist between the on-premises and cloud versions of all documentation. You can also access the online help and additional documents through <https://docs.flexera.com/>.

| Documentation Component  | Language  |
|--------------------------|---|
| Online help              | English   |
|                          | German  |
|                          | French — for FlexNet Manager for SAP Applications functionality.  |
| Additional PDF documents | English   |
|                          | German — for FlexNet Manager for SAP Applications user and installation guides.                                 |
| SLO Practice Guide       | English   |
|                          | French  |
|                          | Available in the Flexera Learning Center: <a href="https://learn.flexera.com/">https://learn.flexera.com/</a> . |

## 3

## More Information

| Item                            | Description   |
|---------------------------------|---|
| Flexera Community               | The Community includes the Flexera Knowledge Base, FlexNet Manager Blog as well as providing product downloads.<br><a href="https://community.flexera.com">https://community.flexera.com</a>  |
| Product Documentation           | The latest release of IT Asset Management documentation is available from the Flexera documentation website.<br><a href="https://docs.flexera.com">https://docs.flexera.com</a>   |
| Flexera System Status Dashboard | Displays the current availability information for Flexera's cloud products.<br><a href="https://status.flexera.com">https://status.flexera.com</a>  |
| Flexera website                 | Information about Flexera.<br><a href="https://www.flexera.com">https://www.flexera.com</a><br><a href="https://www.revenera.com">https://www.revenera.com</a> - for Software and IoT companies   |
| Flexera Learning Center         | Location for courses and best practice guides for IT Asset Management (and other Flexera products). <i>Requires a login for the <a href="#">Flexera Community</a>.</i><br><a href="https://learn.flexera.com/">https://learn.flexera.com/</a> |

# 4

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