

FLEXera

System Requirements

FlexNet Manager Suite 2019 R1.2



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Introduction

FlexNet Manager Suite provides software asset, hardware asset, and contract management for enterprises across over 16,000 publishers and more than 225,000 applications. It 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 System Center Configuration Manager (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. With its built-in library of more than 1,380,000 Stock Keeping Unit numbers (SKUs), for automated reconciliation of purchases with inventory, and support for the latest license models, FlexNet Manager Suite is used by enterprises to gain control of their software estate and optimize their software spend.

This document contains information about FlexNet Manager Suite, 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.

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System Requirements

Hardware Requirements

The following tables describe the hardware requirements for FlexNet Beacon and FlexNet inventory agent.

FlexNet Beacon


Category	Requirement
Processors	2 cores
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

Network Requirements

Category	Requirement
DNS hostname cloud	www.flexnetmanager.com
production	www.flexnetmanager.eu

Category	Requirement	
DNS hostname cloud User Acceptance Testing (UAT)	uat.flexnetmanager.com uat.flexnetmanager.eu	
Required IP ranges for cloud customers who are not using DNS hostname	<p>US domain:</p> <p>Production — 64.14.29.0/24</p> <p>Disaster recovery — 64.27.162.0/24</p> <p>EU domain:</p> <p>Production — 62.209.49.0/24</p> <p>Disaster recovery — 162.244.221.0/24</p>	It is recommended to use DNS hostnames for network configuration of firewalls between inventory beacons and FlexNet Manager Suite in the cloud. IP addresses can change without or with limited notice.
Internet Protocol version	IPv4, IPv6 and dual-stack	<p>Remote execution (such as remote discovery and inventory collection) requires IPv4.</p> <p>Communication between FlexNet Manager Suite in the cloud and the top-level inventory beacon server(s) requires IPv4.</p> <p>Microsoft CAL device license calculations require IPv4 for CAL evidence collection and computer inventory.</p>
Ports	Minimally, 80 (for HTTP) or 443 (for HTTPS) to access the central application server(s).	 Note: Other optional inventory sources may require additional ports. For further details, refer to the topic <i>Ports and URLs for inventory beacons in the online help</i> .
Transport Layer Security (TLS)	1.1, 1.2	Required for communication between the inventory beacon and the application server.




Compatibility with Other Products

This section describes the compatibility of FlexNet Manager Suite 2019 R1.2 with other products at the time of release.


Integration with Other Products

FlexNet Manager Suite 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	Version that can be imported from
App Portal	2013 R2–2018 R1

Product/Component	Version that can be imported from
BDNA Normalize (Data Platform)	5
BMC Atrium CMDB	BMC Atrium CMDB version 8.1 through 18.08 (together with Atrium Integrator version 8.1 through 9.1)
	 Note: Only available for the on-premises edition of FlexNet Manager Suite.
BMC BladeLogic Client Automation (Marimba)	8.2
BMC Discovery (ADDM)	9.0, 10.0–10.2, 11.0–11.3
BMC Remedy ITSM Applications	7.6.04 SP4–9.1
	 Note: Only available for the on-premises edition of FlexNet Manager Suite.
Citrix XenApp EdgeSight	5.4, 7.6, 7.14–7.16 (requires a Platinum license), 7.17 - 7.1811
Citrix XenApp Server	6.0, 6.5, 7.5-7.9, 7.11-7.1811
Citrix XenDesktop	5.6, 6.0, 6.5, 7.5, 7.6, 7.8, 7.9, 7.11–7.1811
FlexNet Manager for Engineering Applications	15.5, 2016 R1, 2016 R2, 2016 R2 SP1
HP Discovery and Dependency Mapping Inventory (DDMI)	9.30
HPE Universal Discovery (HP-UD)	10.10, 10.11, 10.33, 11.1
IBM BigFix Platform (previously Tivoli Endpoint Manager) on Microsoft SQL Server	8.2–9.5.11
	 Tip: Do not confuse the individual IBM BigFix products. IBM BigFix Platform (often referred to as simply "BigFix") and IBM BigFix Inventory are quite distinct. You may import inventory from IBM BigFix Platform if this is your only IBM BigFix product. However, if you also have IBM BigFix Inventory, you normally need import inventory only from IBM BigFix Inventory (see below).
IBM License Metric Tool (ILMT) or IBM BigFix Inventory on IBM DB2	<ul style="list-style-type: none"> • IBM BigFix Inventory was previously known as IBM Software Usage Analysis (SUA), and SUA is supported (on IBM DB2) for versions 9.0, 9.1 • Rebranded from version 9.2.1, IBM BigFix Inventory on IBM DB2 is supported for versions 9.2.5–9.2.14.



Product/Component	Version that can be imported from
IBM License Metric Tool (ILMT) or IBM BigFix Inventory on Microsoft SQL Server	<ul style="list-style-type: none"> IBM BigFix Inventory on Microsoft SQL Server: 9.2.3–9.2.14 ILMT on Microsoft SQL Server: 9.0, 9.1, 9.2.3–9.2.14
IBM Passport Advantage	as of November 2014
Microsoft App-V Integration Server	4.6, 5.0, 5.1
Microsoft Exchange ActiveSync	2010-2013
Microsoft Hyper-V	<p>Running on:</p> <ul style="list-style-type: none"> Windows Server 2008 x64 Windows Server 2008 x64 Server Core Windows Server 2008 R2 x64 Windows Server 2008 R2 x64 Server Core Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 Windows Server 2019.
Microsoft SCCM (previously SMS)	2007, 2012, 2012 R2, 1511–1810
Oracle Database	<p>8i, 9i, 10g, 11g, 11g Release 2, 12c, 18c</p> <p>Notes:</p> <ul style="list-style-type: none"> 8i — requires a direct inventory beacon connection 9i — requires a named account on Windows or a direct inventory beacon connection 12c — the Oracle Multitenant option is not supported using a local agent.
Oracle Enterprise Manager	12.1–13.3
Oracle VM Server for x86	3.2–3.4.6
ServiceNow	<ul style="list-style-type: none"> Kingston London Madrid.

Product/Component	Version that can be imported from
Symantec IT Management Suite (Altiris)	6.5, 7.1, 7.5
VMware vSphere/vCenter/ESXi	5.0–6.7
	 Note: Remote inventory is not possible on the free license versions of ESXi.
Workflow Manager	2014–2016

 **Note:** Further detail is available from the Gathering FlexNet Inventory guide, listed in the opening page of the online help.

Inventory Components


The following table lists the versions of the FlexNet Beacon and FlexNet inventory agent that can be managed by FlexNet Manager Suite 2019 R1.2.

Component	Compatible versions
FlexNet inventory agent (Windows)	8.5–9.2, 2014–2019 R1.2
FlexNet inventory agent (Linux)	
FlexNet inventory agent (Solaris)	 Note: Earlier versions are compatible in that they receive default policy and collect inventory on schedule. They cannot support more recent agent functionality, such as:
FlexNet inventory agent (Mac OS X)	
FlexNet inventory agent (AIX)	
FlexNet inventory agent (HP-UX)	<ul style="list-style-type: none"> • Internet Protocol version 6 (IPv6) • Control of usage tracking through UI settings (rather than .ini files and registry controls), from 2014 (R1) • Settings targeted by IP addresses, from 2014 (R1) • CAL inventory, from 2016 R1.
Citrix XenApp server agent	2014 R3–2019 R1.2
FlexNet Beacon	2017 R2–2019 R1.2
	 Tip: 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"> • Citrix XenApp inventory requires FlexNet Beacon 2014 R2 or later • AWS EC2 connector requires FlexNet Beacon 2018 R2 (13.1.x) or later.

Prerequisite Software

The table below describes the supported operating systems and software prerequisites of FlexNet Manager Suite 2019 R1.2 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	<ul style="list-style-type: none"> • Microsoft Internet Explorer 10–11 • Microsoft Edge for Windows 12 - 18 • Google Chrome 64–72 • Mozilla Firefox 57–64 • Apple Safari 9–12.1.3 <p>Some Flexera Analytics menu options are not available in the Chrome browser. For further information refer to this IBM Knowledge Center article.</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>

Component	Operating System	Prerequisite Software
FlexNet inventory agent	<ul style="list-style-type: none"> Windows Server 2003 SP1 and SP2, 2008 R2 x64, 2012, 2012 R2, 2012 R2 SP1, 2016, 2019 Windows Server Core 2008, 2008 R2 x64, 2012, 2012 R2, 2016, 2019 Windows Vista x64, 7 x64, 8 x64, 10 x64 Windows Vista, 7, 8, 10. AIX 7.1 LPARs, 7.2 Amazon Linux 2 CentOS 6–7.6 (x86, 32-bit and 64-bit) Debian Linux 7–9.6 (x86, 32-bit and 64-bit) 	No prerequisites.
	<p> Note: For Debian Linux 9.4 and 9.5 (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 <code>root</code> user can use the following command to restore this functionality:</p>	
	<pre>apt-get install net-tools -y</pre>	
	<ul style="list-style-type: none"> Fedora Linux 25-26 (x86, 32-bit and 64-bit); 27-29 (x86 64-bit only) HP-UX 11i v3, vPars/nPars Mac OS X 10.6–10.10; 10.11–10.14 (Gatekeeper needs to be disabled for the duration of the installation, and can be re-enabled thereafter) OpenSuSE Leap 42.2, 42.3 (x86, 32-bit and 64-bit); 15 (x86 64-bit only) Oracle Linux 4.5–6.10 (x86, 32-bit and 64-bit); 7.0-7.6 (x86 64-bit only) Red Hat Enterprise Linux 5.0–6.10 (x86, 32-bit and 64-bit); 7.0-7.6 (x86 64-bit only) 	

Component	Operating System	Prerequisite Software
	<ul style="list-style-type: none">• Red Hat Linux 8–9 (x86 only)• Solaris 8–11 (SPARC), Zones for versions 10–11• Solaris 9–11 (x86), Zones for versions 10–11• SuSE Linux Enterprise Server 11 (x86, 32-bit and 64-bit); 12.3, 12.4, 15 (x86 64-bit only)• Ubuntu 12–17.04 (x86, 32-bit and 64-bit); 18.04-18.10 (x86 64-bit only).	

Component	Operating System	Prerequisite Software
FlexNet Beacon	<ul style="list-style-type: none"> • Windows Server 2008 R2 x64, 2012, 2012 R2, 2016 • Windows 7 x64, 8 x64, 10 x64 • Window 7, 8, 10. 	<ul style="list-style-type: none"> • .NET Framework versions 4.5.2–4.7.2. • Any supported web browser. • For Oracle Database inventory, Oracle OLE DB Provider (32-bit), version 10.2.0.3 or later. • 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. • PowerShell 3.0+. • For connection to AWS, you also require AWS Tools for PowerShell version 3.3.283.0 or later. • For connection to Microsoft Azure you will require PowerShell version 5.1 or later, as well as the Microsoft Azure Resource Manager module version 6.8.1 or later. • For connection to Microsoft Office 365 Online Service, the following are also required: <ul style="list-style-type: none"> ◦ 64-bit server operating system ◦ PowerShell 5.1 or later ◦ Microsoft Online Services Sign-in Assistant (64-bit version) ◦ Microsoft Azure Active Directory Module for Windows PowerShell ◦ Skype for Business Online PowerShell Module ◦ Microsoft Visual C++ 2017 Redistributable (note that this is installed automatically by the above PowerShell modules).

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Documentation

Documentation for FlexNet Manager Suite 2019 R1.2 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://helpnet.flexerasoftware.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.

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More Information

Item	Description
Flexera Community	The Community includes the Flexera Knowledge Base, FlexNet Manager Blog as well as providing product downloads. https://community.flexera.com
Product Documentation	The latest release of FlexNet Manager Suite documentation is available from Flexera HelpNet. https://helpnet.flexerasoftware.com
Flexera System Status Dashboard	Displays the current availability information for Flexera's cloud products. https://status.flexera.com
Flexera website	Information about Flexera. http://www.flexera.com https://www.flexerasoftware.com - for Software and IoT companies

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Legal Information

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