



IBM Endpoint Manager V9.2 delivers new security access controls for user role management, enhanced capability for bare-metal imaging on Linux

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At a glance

IBM® Endpoint Manager V9.2 delivers a unified platform for system's lifecycle and security management of enterprise devices, including data center servers, laptops, desktops, and mobile devices.

Key new features:

- Enhanced role-based controls in the IBM Endpoint Manager Console that allow administrators a greater ability to restrict an operator's access to executing actions, restarting endpoints, and sending refresh messages.
- The Operating System Deployment module now supports bare metal imaging on Linux™ platforms in addition to the existing bare metal support on Microsoft™ Windows™ platforms.
- The self-service portal in the Software Distribution module can now be installed on UNIX™ servers.
- IBM Endpoint Manager for Server Automation provides new cluster patching support for Microsoft operating systems, accelerated patching in automation plans through parallel execution on multiple servers, and new capabilities to install, configure and manage SQL Server and Oracle databases.
- IBM Endpoint Manager for Security and Compliance product now provides Center for Internet Security checklists for middleware applications.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

Overview

IBM Endpoint Manager V9.2, built on BigFix® technology, delivers endpoint lifecycle and security management using a unified, lightweight, extensible infrastructure. This solution enables organizations to proactively manage their servers, desktops, and laptops. Endpoint Manager provides a clear path for improving control and compliance with clear, accurate reporting, and easy integration with systems such as ticketing and change management databases.

Endpoint Manager provides the modern IT enterprise with a solution capable of securely managing local and remote users regardless of network connectivity. All devices under management receive continuous updates to ensure that corporate policies and regulatory compliance goals are achieved without the common problem of compliance drift seen in competing products. This dynamic, content-driven

messaging and management system allows for quick delivery and adoption of new product capabilities, such as IBM Endpoint Manager for Server Automation that can help enable organizations to tailor solutions to meet their specific requirements.

Endpoint Manager unified management platform includes multiple capabilities grouped by the following product areas:

- Lifecycle management (asset discovery and inventory, software distribution, patch management, operating system deployment, remote control)
- Security and compliance (security configuration management, vulnerability management, patch management, anti-virus and anti-malware client management, network self-quarantine)
- Data center management (lifecycle, security compliance, and server automation)
- Patch management
- Power management
- Core protection and data protection
- Software Use Analysis

Key prerequisites

For details, refer to the [Software requirements](#) section.

Planned availability date

- October 17, 2014: Electronic download

Description

IBM Endpoint Manager V9.2 provides new capabilities in the Endpoint Manager Console for both Endpoint Manager site administrators and junior operators. Endpoint Manager site administrators can tailor these new capabilities to provide only the minimum required access needed for junior operators to accomplish their tasks.

The IBM Endpoint Manager core platform, the foundation architecture on which IBM Endpoint Manager applications are delivered, includes powerful new user and role-based security controls, new platform coverage for the agent, and numerous improvements to the stability and performance throughout the console.

This new release includes significant updates to the breadth and depth of capabilities in the individual applications built on the Endpoint Manager platform. Highlights of the updates include bare metal imaging on Linux, software distribution portal support on UNIX, clustered Microsoft operating system patching support, expanded patch management on Sun Solaris, new CIS security checklists for middleware applications, additional deployment health widget, and improved representational state transfer (REST) API for Software Use Analysis.

Endpoint Manager

Endpoint Manager adds new core capabilities and extends its platform coverage to include:

- New role-based access controls to allow Endpoint Manager administrators greater control over operator permissions. Administrators can now enforce the permissions of action execution and the refreshing, rebooting, and locking of endpoint computers. These new controls enable the creation of Endpoint Manager Console operators who are constrained to an audit-only role.
- Expanded agent coverage for heterogeneous platform support. New platforms on UNIX and Linux include Red Hat Enterprise Linux (RHEL) 7, Red Hat Enterprise

Linux (RHEL) 6 on IBM Power Systems™ (big endian architecture), and Ubuntu 14.

IBM Endpoint Manager for Datacenters

Endpoint Manager for Datacenters helps solve common server management needs and incorporates the features in IBM Endpoint Manager for Lifecycle Management, IBM Endpoint Manager for Security and Compliance, and IBM Endpoint Manager for Server Automation.

Endpoint Manager for Datacenters addresses key server management needs for:

- Server build and configuration management
 - Helps eliminate silos of management, streamlines operations, and ensures that all endpoints (physical, virtual, cloud, and noncloud) are managed according to corporate best practices
- Continuous security configuration compliance
 - Reduces risk, improves productivity, lowers costs, and increases compliance with an integrated solution

This release provides new cluster patching support for Microsoft operating systems and allows administrators to perform the following functions:

- Remove node from cluster, patch node, reboot, and re-add node to cluster on Microsoft operating systems, SQL Server clusters, Microsoft Exchange clusters, and Hyper-V windows clusters.
- Parallel execution of automation plans to accelerate the patching process across multiple servers.
- New and updated Fixlets to install, configure, and manage SQL Server 2008 and 2012.

IBM Endpoint Manager for Lifecycle Management

- Software distribution capability in this release includes many improvements to the self-service web portal. This portal allows users to request software on demand from a list of administrator approved applications. Other key features included are:
- Integrated bare metal deployment and reimage capabilities introduced for Linux operating systems, including Red Hat Enterprise Linux and SUSE Linux Enterprise. Additional Microsoft Windows operating system support and improved integration with the Microsoft Deployment Toolkit simplifies the process of deploying images.
- The Microsoft Deployment Toolkit (MDT) bundle creation process simplification that now uses a new Bundle and Media Manager dashboard. Also included is bare metal deployment support in PXE-less networks that implements the bootable media (CD, USB) capabilities through the Bundle and Media Manager dashboard.

IBM Endpoint Manager for Security and Compliance

Security configuration checklists are updated to align with the most up-to-date industry and government benchmarks such as provided by the Center for Internet Security (CIS), the National Institute of Standards and Technology (NIST), and the Defense Information Systems Agency (DISA).

- This release includes new, additional coverage for middleware platforms, including configuration benchmarks for IBM DB2®, Oracle DB, Microsoft Internet Information Services, and Microsoft SQL Server.
- Security Compliance Analytics, a web-based application designed to help you manage security, vulnerability, and risk assessment, is updated with several new usability enhancements and support for Active Directory Global Catalog.

IBM Endpoint Manager for Patch Management:

- Improves integration with the native patch management tools provided with the supported operating systems in order to simplify the patch management process and optimize management of patch repositories.
- Introduces support for Red Hat Enterprise Linux and SUSE Linux custom repositories. These tools sites can now register repositories and Red Hat satellite's Subscription Management Tool (SMT) through the Custom Repository dashboards.
- Adds support for a dedicated Solaris 11 patch site, which contains Fixlet® content for patching Solaris Support Repository Updates (SRUs) on Solaris 11 endpoints.

IBM Endpoint Manager for Software Use Analysis:

- Adds an additional deployment health widget to current dashboards to monitor status of agents.
- Adds REST APIs to programmatically export data on IBM capacity software utilization for Processor Value Units and Resource Value Units.
- Adds enablement and support for IBM z/VM® virtualization for IBM capacity reporting.

IBM Endpoint Manager for Core Protection:

- Adds significant performance and functionality improvements to the malware scanning and protection of Mac OS X computers. New wildcard folder exclusion support and a redesigned scan engine greatly reduce scheduled and manual scan times and improved Web Reputation support adds enhanced protection by checking every web address visited and blocking access to those found in a list of known malicious sites.

IBM Endpoint Manager for Server Automation

Multiple enhancements to the automation plan feature allows users to automate the management of their servers.

Also included are usability enhancements and new middleware content to support the applications Microsoft Exchange 2010 Clustering and Microsoft SQL Server.

Product positioning

IBM Endpoint Manager V9.2 provides consolidated security and operations management, simplifying and streamlining endpoint management, while increasing accuracy and productivity.

IBM Endpoint Manager drives cost savings for software licensing and compliance with sophisticated detection capabilities across Microsoft Windows and UNIX platforms.

IBM Endpoint Manager extends visibility and control to data center servers and the cloud through advanced clustered server patching capabilities and enhanced integration of Endpoint Manager and IBM Cloud Orchestrator for one stop patching, software distribution, and operating system deployment. All of this can be achieved through IBM Cloud Orchestrator's interface.

Reference information

Refer to:

- Software Announcement [213-080](#), dated March 05, 2013.
- Software Announcement [213-469](#), dated October 01, 2013.

Program number

Program number	VRM	Program name
5725-C43	9.2	IBM Endpoint Manager for Lifecycle Management
5725-C43	9.2	IEM Starter Kit for Lifecycle Management
5725-C44	9.2	IBM Endpoint Manager for Security and Compliance
5725-C44	9.2	IEM Starter Kit for Security and Compliance
5725-C45	9.2	IBM Endpoint Manager for Patch Management
5725-C46	9.2	IBM Endpoint Manager for Power® Management
5725-F57	9.2	IBM Endpoint Manager for Software Use Analysis
5725-D25	9.2	IBM Endpoint Manager for Core Protection
5725-D25	9.2	IEM for Core Protection Data Protection Add-on
5725-H27	9.2	IBM Endpoint Manager for Server Automation
5725-Q67	9.2	IBM Endpoint Manager for Datacenters

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<http://www-306.ibm.com/software/tivoli/education/>

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Offering Information

Product information is available via the Offering Information website

<http://www.ibm.com/common/ssi>

Also, visit the Passport Advantage® website

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Publications

No publications will be shipped with the programs in this announcement.

The IBM Publications Center

<http://www.ibm.com/shop/publications/order>

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Services

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To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

Technical information

Specified operating environment

Software requirements

IBM Endpoint Manager supports running the Endpoint Manager server on:

- Microsoft Windows server operating systems, specifically Microsoft Windows Server 2008 (64 bit), and Microsoft Windows Server 2012 (64 bit), with the following supported database versions: Microsoft SQL Server 2005, SQL Server 2008, SQL Server 2012.
- Linux server operating system, specifically Red Hat Enterprise Linux (RHEL) Server 7 and Red Hat Enterprise Linux (RHEL) Server 6, Update 3, and includes the supported database version IBM DB2 Workgroup Server Edition 10.5 FP3, with support for IBM DB2 10.1 and 10.5.

IBM Endpoint Manager V9.2 supports:

- Client platforms: Red Hat Enterprise Linux (RHEL) Server 7, Red Hat Enterprise Linux (RHEL) Server 6 on Power PC, and Ubuntu 14.4

IBM Endpoint Manager V9.2 includes client platform support based on individual applications for the following operating systems:

- AIX®: IBM AIX V6.1, IBM AIX V7.1
- HP: HP-UX 11i v1, HP-UX 11i V2, HP-UX 11i v3
- Apple operating systems: Mac OS X 10.6.1, Mac OS X 10.6.2, Mac OS X 10.6.3, Mac OS X 10.7, Mac OS X 10.9
- Linux: RHEL 5, RHEL 6, RHEL 7, SLES 10, SLES 11, CentOS 5,3, CentOS 6.0, Debian 6, Debian 7, Ubuntu 10.04, Ubuntu 12.04, Ubuntu 14.04
- Solaris: Solaris 9, Solaris 10, Solaris 11
- Microsoft Windows: Microsoft Windows XP, Microsoft Windows Vista, Microsoft Windows 7, Microsoft Windows 8, Microsoft Windows Server 2003, Microsoft Windows Server 2008, Microsoft Windows Server 2012, Microsoft Windows Server 2012 R2

View the system requirements, including the complete list of supported platforms for each Endpoint Manager product, at

<http://www-01.ibm.com/support/docview.wss?rs=1015&uid=swg21684809>

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter.

Documentation and other program content may be supplied only in the English language.

IBM Electronic Support

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<http://ibm.com/support>

Access the online Service Request tool

<http://ibm.com/support/servicerequest>

Planning information

Packaging

The programs in this announcement are delivered as electronic download. There are no physical deliverables.

Security, auditability, and control

IBM Endpoint Manager V9.2 uses the security and auditability features of the operating system software. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

Product group: IBM Endpoint Manager

Product:

IBM Endpoint Manager for Lifecycle Management	(5725-C43)
IEM Starter Kit for Lifecycle Management	(5725-C43)
IBM Endpoint Manager for Security & Compliance	(5725-C44)
IEM Starter Kit for Security and Compliance	(5725-C44)
IBM Endpoint Manager for Patch Management	(5725-C45)
IBM Endpoint Manager for Power Management	(5725-C46)
IBM Endpoint Manager for Core Protection	(5725-D25)
IEM for Core Protection Data Protection Add-on	(5725-D25)
IBM Endpoint Manager for Server Automation	(5725-H27)
IBM Endpoint Manager for Datacenters	(5725-Q67)
IBM Endpoint Manager for Software Use Analysis	(5725-F57)

Product category: TVCONFIG (Configurations and Operations)

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License Information number

IBM Endpoint Manager License Information documentation:

Form number	Description
L-TBRN-9N4JLK	IEM for Lifecycle Management
L-TBRN-9N4JWG	IEM Starter Kit for Lifecycle Management
L-TBRN-9N4JPR	IEM for Security and Compliance
L-TBRN-9N4JWD	IEM Starter Kit for Security and Compliance
L-TBRN-9M5JHU	IEM for Patch Management
L-TBRN-9N4JPX	IEM for Power Management
L-KAFZ-9NSH9N	IEM for Software Use Analysis
L-TBRN-9N4JZ6	IEM for Core Protection
L-TBRN-9N4JZ9	IEM for Core Protection Data Protection Add-on
L-TBRN-9N4K52	IEM for Server Automation
L-TBRN-9N4K5J	IEM for Datacenters

The program's License Information will be available for review on the IBM Software License Agreement website

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Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional

charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Program technical support

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

Money-back guarantee

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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Other terms

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

Yes, and through the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

Usage restriction

Yes

Software Subscription and Support applies

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For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

<http://www.ibm.com/software/passportadvantage>

IBM Operational Support Services - SoftwareXcel

No

System i® Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

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Now integrated into the base operating system of AIX V5.3, AIX V6.1, and AIX V7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM, which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type `smitty esa_main`, and select Configure Electronic Service Agent. In addition, ESA now includes a powerful web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent, refer to

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The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the symptoms, diagnosing the error, and manually calling IBM Support to open a problem record. Its 24x7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM. The Electronic Service Agent tool is designed to securely transmit either via the Internet (HTTPS or VPN) or modem to provide customers a single point of exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer's system.

For additional information, please refer to IBM Electronic Service Agent

<http://www-01.ibm.com/support/esa/>

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For more information on how to utilize the power of IBM Electronic Services, contact your IBM Systems Services Representative, or visit

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Prices

Passport Advantage

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