



IBM Operations Manager for z/VM , V1.4 can improve automation and management of z/VM systems

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At a glance

In addition to the functions in V1.3, Operations Manager for z/VM®, V1.4 provides:

- Improved usability when viewing consoles, spool files, or the Operations Manager log
- More flexible scheduling for repeating events
- Improved usability when using RACF® for z/VM or other External Security Manager
- Support for IPv6
- Improved data sharing between action routines

Overview

IBM® Operations Manager for z/VM continues to provide automation capabilities for your z/VM environment, including those environments that support guest operating systems, such as Linux® on System z®.

With Operations Manager for z/VM, V1.4, users can experience improved usability when viewing consoles, spool files, or the Operations Manager log.

- By adding the ability to create a file from a console view, a log view, or a spool file, you can view or edit the data using powerful tools like XEDIT, PEEK, or BROWSE. This can help system programmers and administrators be more productive when looking for specific information amongst large amounts of data in spool files, console views, or log views. This new option can be invoked directly on the VIEWCON, VIEWLOG, or VIEWSPL command, bypassing the full screen view of the console, log, or spool file.
- The function key assignments can optionally be displayed when viewing console, log, or spool data.
- Users can choose to enable or disable the autoscroll function when a console or log file is initially viewed.

Scheduling has been enhanced in Operations Manager, V1.4 to allow additional repeating events, such as the third Monday of each month.

When using Operations Manager with RACF for z/VM (or other External Security Manager), the profile prefix for facility classes is customizable.

Support for IPv6 has been added, allowing you to connect Operations Manager to more modern IP networks when processing Linux syslog or syslog-ng data.

With Operations Manager, V1.4, action routines can be more complex, allowing you to maintain data or state information between multiple action routines invoked at different times on different action processing servers.

More information about Operations Manager for z/VM, V1.4 can be found at

<http://www.ibm.com/software/sysmgmt/zvm/operations/index.html>

Key prerequisites

z/VM V5.3, z/VM V5.4, or z/VM V6.1.

Planned availability date

September 10, 2010

Description

Accessibility by people with disabilities

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Engine-based Value Unit pricing

Engine-based Value Unit pricing for Operations Manager for z/VM is designed to provide a decreasing price curve as hardware capacities and workload grow, which may help improve price/performance.

There may also be a price benefit when you grow your capacity. Additional capacity is not priced starting at the base with a higher price per unit. Instead, additional capacity is priced starting at the capacity (engines) on which Operations Manager for z/VM has already been installed.

Note: Value Units of a given product cannot be exchanged, interchanged, or aggregated with Value Units of another product.

A no-charge Subscription and Support registration record will be established for each designated machine where Operations Manager for z/VM is running. These no-charge Subscription and Support registration records will be linked to the billable Subscription and Support, and all billable Subscription and Support within the scope of the engine-based Value Units aggregation will be linked together.

Subscription and Support is an annual charge and should be kept at an annual term.

Reference information

For more information about Operations Manager, refer to:

- Software Announcement [AP08-0133](#), dated June 10, 2008
- Software Announcement [AP06-0034](#), dated February 21, 2006
- Software Announcement [AP05-1247](#), dated August 23, 2005

Program number

Program number	VRM	Program name
5697-J10	V1.4	Operations Manager for z/VM

Product identification number

Program PID number	Subscription and Support PID number
5697-J10	5697-J15

Offering Information

Product information is available via the Offering Information Web site

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

Publications

Other than the Program Directory, no hardcopy publications are shipped with this program.

The following publications can be downloaded from the product Web site or the IBM Publications Center at planned availability.

Title	Order number
Installation and Administration Guide	SC18-9347
Program Directory	GI10-8664

They are available in PDF format.

The product Web site

<http://www.ibm.com/software/sysmgmt/zvm/operations/library.html>

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. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

Technical information

Specified operating environment

Hardware requirements

Operations Manager for z/VM V1.4 will operate on any hardware that supports the prerequisite software.

Software requirements

All prerequisites and corequisites for these products apply.

The products listed here are supported only while service is available for those products.

Operations Manager V1.4 requires one of the following:

- z/VM V5.3 (5741-A05), or later
- z/VM V6.1 (5741-A07), or later

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.

Companion products

Backup and Restore Manager for z/VM (5697-J06) can be licensed and used in conjunction with Operations Manager for z/VM to provide comprehensive backup and restore capabilities for system administrators responsible for maintaining z/VM systems.

For more information about Backup and Restore Manager, refer to Software Announcement [AP06-0204](#), dated August 15, 2006.

Tape Manager for z/VM (5697-J08) can be licensed and used in conjunction with Operations Manager for z/VM to provide comprehensive tape management facilities for z/VM systems. This includes management of physical tapes and tape devices. For more information about Tape Manager, refer to the following announcements:

- Software Announcement [AP10-0312](#), dated September 07, 2010
- Software Announcement [AP06-0033](#), dated February 21, 2006
- Software Announcement [AP05-1053](#), dated February 22, 2005

Archive Manager for z/VM (5697-J05) can be licensed and used in conjunction with Operations Manager for z/VM to provide users with the ability to archive CMS and non-CMS data. For more information about Archive Manager, refer to Software Announcement [AP05-1247](#), dated August 23, 2005.

Compatibility

Operations Manager for z/VM, V1.4 is upwardly compatible with Operations Manager for z/VM, V1.3. All configuration files created with V1.3 will continue to work with V1.4.

Planning information

Packaging

Operations Manager, V1.4 is delivered on one VMSES/E installable tape. A Program Directory and one copy of the License Information (LI) document is also included in

the package. All other publications are provided in softcopy format on the product Web site

<http://www.ibm.com/software/sysmgmt/zvm/operations/library.html>

and via the IBM Publications Center

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

Security, auditability, and control

Operations Manager for z/VM uses the security and auditability features of the host hardware and 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

Charge metric

PID number	Charge metric	Program name
5697-J10	Value Units	Operations Manager for z/VM

VU Value Unit

VU Value Unit is the unit of measure by which this program is licensed. VU Value Unit entitlements are based on the quantity of a specific designated measurement, either users or resources, for the given program. A Proof of Entitlement (PoE) must be obtained for the appropriate number of VU Value Units required for your environment as defined by the specific program terms. The VU Value Unit entitlements are specific to the program and may not be exchanged, interchanged, or aggregated with VU Value Unit entitlements of another program. To understand these benefits of VU Value Unit licensing, and to determine how many VU Value Units to obtain for the program, contact your IBM representative.

The programs in this announcement all have Value Unit-based pricing.

PID number	Charge metric	Program name
5697-J10	Value Units	Operations Manager for z/VM

Program number	Value Unit exhibit	Program name
5697-J10	VUE021	Operations Manager for z/VM

For each System z IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the **required license capacity**. Your required license capacity is based upon the following factors:

- The System z IPLA program you select
- The applicable Value Unit Exhibit
- The applicable terms

Value Unit exhibit VUE021

Engine-based Value Units for a specified number of engines are determined by the following table.

Level	Engines minimum	Engines maximum	Value Units per engine
Base	1	3	10
Tier A	4	6	9
Tier B	7	9	8
Tier C	10	12	7
Tier D	13	16	6
Tier E	17	20	5
Tier F	21	25	4
Tier G	26	+	3

Basic license

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: Operations Manager for z/VM V1.4
 Program PID: 5697-J10

Entitlement identifier	Description	License option/ Pricing metric
S0120Z3	Operations Manager for z/VM	Basic OTC, per Value Unit

Orderable supply ID	Language	Distribution medium
S0120XV	English	3480 Tape
S016DDM	English	3590 Tape

Subscription and Support PID: 5697-J15

Entitlement identifier	Description	License option/ Pricing metric
S0120Z5	Operations Manager S&S	Basic ASC, per Value Unit SW S&S No charge, decline SW S&S No charge, SW S&S registration

Orderable supply ID	Language	Distribution medium
S0120Z0	English	Hardcopy pub

On/Off CoD

Operations Manager for z/VM is eligible for On/Off CoD with a temporary use charge calculated based on processors per-day usage.

Program name: Operations Manager for z/VM v1.4
Program PID: 5697-J10

Entitlement identifier	Description	License option/ Pricing metric
S0120Z3	Operations Manager for z/VM	Basic OTC, Per processor-day TUC

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage® Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Agreement for Acquisition of Software Maintenance

The following agreement applies for Software Subscription and Support (Software Maintenance) and does not require customer signatures:

- IBM Agreement for Acquisition of Software Maintenance (Z125-6011)

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

IBM System z Operational Support Services - SoftwareXcel is an option if you desire added services.

License Information form number

GC18-9595

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

<http://www.ibm.com/software/sla/sladb.nsf>

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 support

Enhanced support, called Subscription and Support, includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

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.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Authorization for use on home/portable computer

You may not copy and use this program on another computer without paying additional license fees.

Volume orders (IVO)

No

IBM International Passport Advantage Agreement

Passport Advantage applies

No

Usage restriction

Yes

- Your entitlement is for only the quantity of engine-based Value Units licensed. These engine-based Value Units can be for either standard or IFL engines.
- When ordering Operations Manager to operate on standard engines (CPs) for a single server within the enterprise, you must specify Value Units equal to the Value Units to cover the number of standard engines (CPs) on your System z server.
- When ordering Operations Manager to operate on IFL engines for a single server within the enterprise, you must specify Value Units equal to the Value Units to cover the number of IFL engines on your System z server.
- When ordering Operations Manager to operate on standard engines (CPs) **and** IFL engines for a single server within the enterprise, you must specify Value Units equal to the Value Units to cover the total number of engines (standard plus IFL) on your System z server.

For additional information, refer to the License Information document that is available on the IBM Software License Agreement Web site

<http://www.ibm.com/software/sla/sladb.nsf>

Software Subscription and Support (Software Maintenance) applies

No. For operating system software, the revised IBM Operational Support Services - SoftwareXcel offering will provide support for those operating systems and associated products that are not available with the Software Subscription and Support (Software Maintenance) offering.

This will ensure total support coverage for your enterprise needs, including IBM and selected non-IBM products. For complete lists of products supported under both the current and revised offering, visit

<http://www.ibm.com/services/sl/products>

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

15% to qualified educational institution customers.

On/Off Capacity on Demand (CoD)

To be eligible for On/Off CoD pricing, you must be enabled for temporary capacity on the corresponding hardware, and the required contract, Attachment for Customer Initiated Upgrade and IBM eServer™ On/Off Capacity on Demand - Software (Z125-6611) must be signed prior to use.

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a Web-enabled solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM. Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

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

Prices

Contact your local IBM representative for the applicable charges.

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For more financing information, visit

<http://www.ibm.com/financing>

AP distribution

Country/Region	Announced
AP IOT	
ASEAN*	Yes
India/South Asia**	Yes
Australia	Yes
People's Republic of China	Yes
Hong Kong S.A.R of the PRC	Yes
Macao S.A.R of the PRC	Yes
Taiwan	Yes
South Korea	Yes
New Zealand	Yes
Japan IOT	
Japan	Yes

* Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Malaysia, Philippines, Singapore, Thailand, and Vietnam

** Bangladesh, Bhutan, India, Sri Lanka, Maldives, Nepal, and Afghanistan

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