IBM Operations Manager for z/VM, V1.5 delivers improved globalization and usability

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At a glance

IBM® Operations Manager for z/VM®, V1.5:

- Continues to provide operational monitoring and automation capabilities for your IBM z/VM environment
- Provides improved usability
- Includes enhanced globalization support
- Enhances interoperability with other systems

Overview

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

New in V1.5:

- Users can experience improved usability when viewing consoles or the Operations Manager log. Date and time ranges are now supported so users can focus on a specific date and time range when needed.
- Additional globalization support is added:
  - The date format displayed when viewing consoles, spool files, and the Operations Manager log now uses the date format specified in the z/VM Control Program.
  - Schedules can be defined using the International Organization for Standardization (ISO) definition of a week. For example, schedules can be defined to trigger in odd weeks, even weeks, or only on a specific week number of the year.
- When monitoring for system events, additional information is provided about the event to the action routine. The class of the event is now available as a substitution variable to the action routine.
- Operators Manager for z/VM can now be used to send data, including console data or Linux syslog data, to other systems or applications via TCP/IP.
- Sample configuration files are provided to demonstrate how to define some initial rules, monitors, schedules, and actions, including actions that send messages to a central console and send emails.

For more information about Operations Manager for z/VM, refer to

http://www.ibm.com/software/sysmgmt/zvm/operations/
**Key prerequisites**

IBM z/VM V5.4, IBM z/VM V6.2, or IBM z/VM V6.3

**Planned availability date**

October 25, 2013

**Description**

**Accessibility by people with disabilities**

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


**Engine-based Value Unit pricing**

Engine-based Value Unit pricing for Operations Manager for z/VM, V1.5 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 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.

**Program number**

<table>
<thead>
<tr>
<th>Program number</th>
<th>VRM</th>
<th>Program name</th>
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<tbody>
<tr>
<td>5697-J10</td>
<td>V1.5</td>
<td>Operations Manager for z/VM</td>
</tr>
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</table>

**Product identification number**

<table>
<thead>
<tr>
<th>Program PID number</th>
<th>Subscription and Support PID number</th>
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<tbody>
<tr>
<td>5697-J10</td>
<td>5697-J15</td>
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</table>

**Offering Information**

Product information is available via the Offering Information website.
Publications

No hardcopy publications are shipped with this program.

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

<table>
<thead>
<tr>
<th>Title</th>
<th>Order number</th>
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<tbody>
<tr>
<td>Installation and Administration Guide</td>
<td>SC18-9347</td>
</tr>
<tr>
<td>Program Directory</td>
<td>GI10-8664</td>
</tr>
</tbody>
</table>

They are available in PDF format.

The product website


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 US) 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

IBM Operations Manager for z/VM, V1.5 will operate on any hardware that supports the prerequisite software.

Software requirements

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

Operations Manager for z/VM, V1.5 requires one of the following:

- IBM z/VM V5.4 (5741-A05)
- IBM z/VM V6.2 (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

IBM Backup and Restore Manager for z/VM (5697-J06) can be licensed and used in conjunction with IBM Operations Manager for z/VM to provide comprehensive backup and restore capabilities for system administrators responsible for maintaining IBM z/VM systems. For more information about Backup and Restore Manager, refer to Software Announcement ZP06-0347, dated August 15, 2006.
IBM 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 Software Announcement ZP10-0430, dated September 07, 2010.

IBM 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 ZP05-0379, dated August 23, 2005.

IBM OMEGAMON® XE on z/VM and Linux (5698-A36) can be licensed and used in conjunction with Operations Manager for z/VM to provide comprehensive performance monitoring and management of z/VM and Linux on System z. For more information about OMEGAMON XE on z/VM and Linux V4.3, refer to Software Announcement ZP13-0344, dated July 09, 2013.

**Compatibility**

Operations Manager for z/VM, V1.5 is upwardly compatible with Operations Manager for z/VM, V1.4. All configuration files created with V1.4 will continue to work with V1.5. For other migration considerations, refer to the Program Directory.

**IBM Electronic Support**

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge.

Read about the Electronic Support portfolio of tools

http://ibm.com/electronicsupport

Access the IBM Support Portal

http://ibm.com/support

Access the online Service Request tool

http://ibm.com/support/servicerequest

**Planning information**

**Packaging**

Operations Manager for z/VM, V1.5 is delivered on one VMSES/E installable tape.

One copy of the License Information CD is also included in the package. All other publications, including the Program Directory, are provided in softcopy format on the product website


You can also find them at

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

**Security, auditability, and control**

Operations Manager for z/VM, V1.5 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.

**Global Technology Services®**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

**Ordering information**

Consult your IBM representative.

**Order z/VM SDO through the Internet**

ShopzSeries provides an easy way to plan and order System z software upgrades. This now includes z/VM. Using ShopzSeries, you can quickly generate orders for z/VM SDOs. Additionally, ShopzSeries will ensure your order is technically correct (that is, ensures any corequisite or prerequisite or incompatibility conditions are resolved to ensure timely order placement and processing). ShopzSeries is available in the United States and several countries in Europe. In countries where ShopzSeries is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order via the traditional IBM ordering process. For more details and availability, visit the ShopzSeries website at


**Charge metric**

<table>
<thead>
<tr>
<th>Program name</th>
<th>PID number</th>
<th>Charge metric</th>
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</thead>
<tbody>
<tr>
<td>Operations Manager for z/VM</td>
<td>5697-J10</td>
<td>Value Units</td>
</tr>
</tbody>
</table>

The program in this announcement has Value Unit-Based pricing.

**Program number**

<table>
<thead>
<tr>
<th>Program number</th>
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<th>Value Unit exhibit</th>
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<tbody>
<tr>
<td>5697-J10</td>
<td>Operations Manager for z/VM</td>
<td>VUE021</td>
</tr>
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</table>

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:

<table>
<thead>
<tr>
<th>Level</th>
<th>Engines minimum</th>
<th>Engines maximum</th>
<th>Value Units per engine</th>
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</thead>
<tbody>
<tr>
<td>From 1 to 3</td>
<td>1</td>
<td>3</td>
<td>10</td>
</tr>
<tr>
<td>From 4 to 6</td>
<td>4</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>From 7 to 9</td>
<td>7</td>
<td>9</td>
<td>8</td>
</tr>
<tr>
<td>From 10 to 12</td>
<td>10</td>
<td>12</td>
<td>7</td>
</tr>
<tr>
<td>From 13 to 16</td>
<td>13</td>
<td>16</td>
<td>6</td>
</tr>
<tr>
<td>From 17 to 20</td>
<td>17</td>
<td>20</td>
<td>5</td>
</tr>
<tr>
<td>From 21 to 25</td>
<td>21</td>
<td>25</td>
<td>4</td>
</tr>
</tbody>
</table>
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, V1.5
Program PID: 5697-J10

<table>
<thead>
<tr>
<th>Entitlement identifier</th>
<th>Description</th>
<th>License option/ Pricing metric</th>
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</thead>
<tbody>
<tr>
<td>S012023</td>
<td>Operations Manager for z/VM</td>
<td>Basic OTC, per Value Unit</td>
</tr>
</tbody>
</table>

Orderable supply ID Language Distribution medium
S016DDM                English                  3590 Tape or DVD

Subscription and Support PID: 5697-J15

<table>
<thead>
<tr>
<th>Entitlement identifier</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>S012023</td>
<td>Operations Manager for z/VM</td>
<td>Basic MSC, per Value Unit SW S&amp;S where applicable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No charge, decline SW S&amp;S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No charge, SW S&amp;S registration</td>
</tr>
</tbody>
</table>

Orderable supply ID Language Distribution medium
S012020                English                  Hardcopy pub

On/Off CoD

Operations Manager for z/VM, V1.5 is eligible for On/Off CoD with a temporary use charge calculated based on processor per-day usage.

Program name: Operations Manager for z/VM, V1.5
Program PID: 5697-J10

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<tbody>
<tr>
<td>S012023</td>
<td>Operations Manager for z/VM</td>
<td>Basic OTC, Per Prodessor-day TUC</td>
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</tbody>
</table>

Delivery services - Custom QuickShip Program

This product is eligible for the IBM Custom QuickShip Program.

Custom QuickShip combines flexible configurations with fast delivery. Customers and Business Partners are able to create product configuration of their choice by using a combination or stand-alone selection of hardware, software, and a menu of additional features, including the option for software preload. The inclusion of feature number 1748 will ensure Custom QuickShip delivery of the complete product configuration or stand-alone order.

The committed response time under Custom QuickShip is six business days from order acceptance by IBM to customer delivery.
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 website


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.

**Other terms**

**Volume orders (IVO)**
No

**IBM International Passport Advantage Agreement**

**Passport Advantage applies**
No

**Software Subscription and Support 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**
Yes. When ordering through the program number process, a 15% education allowance applies to qualified education institution customers.

Education Software Allowance Program applies when ordering through the program number process.

**ESAP available**
Yes, to qualified 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 IBM System z On/Off Capacity on Demand (Z125-7883) must be signed prior to use.

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**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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**IBM Electronic Services**

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company’s strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

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 [http://www.ibm.com/support/electronic](http://www.ibm.com/support/electronic)

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.

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**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 24 x 7 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 securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways 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. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM. The customer's business applications or business data is never transmitted to IBM.

**More accurate reporting:** Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM, problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

**Customized support:** Using the IBM ID entered during activation, customers can view system and support information in the My Systems and Premium Search sections of the Electronic Support website at

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

My Systems provides valuable reports of installed hardware and software using information collected from the systems by Electronic Service Agent. Reports are available for any system associated with the customer's IBM ID. Premium Search combines the function of search and the value of Electronic Service Agent information, providing advanced search of the technical support knowledgebase. Using Premium Search and the Electronic Service Agent information that has been collected from your system, customers are able to see search results that apply specifically to their systems.

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

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

**Prices**

For all local charges, contact your IBM representative.

**IBM Global Financing**

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

http://www.ibm.com/financing

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accelerated implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified customers.

For more financing information, visit

http://www.ibm.com/financing

**Announcement countries**

All European, Middle Eastern and African countries.

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Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

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For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

http://www.ibm.com/planetwide/