

IBM delivers enhancements to IBM VM Recovery Manager 1.6, IBM PowerHA SystemMirror 7.2.6 for AIX, and IBM Db2 Mirror for i

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Overview

IBM^(R) VM Recovery Manager

VM Recovery Manager enables you to deploy a virtual machine (VM) restart-based solution across a group of servers to help you more easily achieve better business continuity.

VM Recovery Manager 1.6 updates include:

- Disabling Live Partition Mobility (LPM) to address potential independent software vendor (ISV) licensing issues
- Deployment and useability enhancements:
 - Prepopulated network configuration details
 - Configuration error validation
 - LUN masking validation for N-Port ID Virtualization (NPIV) disks from IBM SAN Volume Controller (SVC), Dell EMC, and Hitachi
 - Additional vSwitch and VLAN environment validations
- Scalability improvements:
 - IBM Virtual Machine Recovery Manager (VMRM) DR support expanded up to 1,000 VMs
- EMC Unity sync replication support
- Asymmetric storage area network (SAN) paths and ports between source and target site when all paths are redundant
- HA restart with port-level validation

IBM PowerHA^(R) SystemMirror^(R) for AIX^(R)

PowerHA SystemMirror is the IBM Power^(R) strategic high availability (HA) solution for mission-critical environments. It enables you to deploy an HA solution that addresses both storage and HA requirements with one integrated configuration, which offers robust performance along with a simplified user interface.

PowerHA SystemMirror 7.2.6 updates include:

- Logical Volume Manager (LVM) encryption support
- DR sizing tool for Geographical Logical Volume Manager (GLVM)
- Power10 software and hardware qualifications
- Smart Assist currency support for Oracle, IBM Db2^(R), and SAP NetWeaver

Graphical user interface (GUI)-specific updates:

- GLVM
 - Cloud support for adding, removing, tuning, encryption, compression, and monitoring
 - Resizable cache for asynchronous replication
 - Dynamically add or remove volumes
- User interface (UI) security management
 - Multifactor authentication (MFA)
- Cloud backup management
 - Upload or download IBM Spectrum^(R) Virtualize clones to IBM Cloud^(R) Object Storage; automated upload through GUI
- Cross-cluster verification
 - Supports up to 8 clusters

IBM Db2 Mirror for i (5770-DBM)

Db2 Mirror for i (Db2 Mirror) is enhanced to take advantage of the NVIDIA Mellanox ConnectX-6 Dx adapter (feature EC77 and feature EC78). The adapter provides Internet Protocol Security (IPSec) encryption offload and RDMA over Converged Ethernet (RoCE) 2.0 capabilities, which enables Db2 Mirror traffic to be secured with minimal impact to the system processor usage. The RoCE 2.0 capability enables the Db2 Mirror traffic to now support routing on the network. This gives more flexibility to the types of configurations and distances that Db2 Mirror can support. The adapter can be supported on both Power9 and Power10 configurations. Additionally, the ObjectConnect function has been enhanced to run on RoCE and take advantage of the increased performance on Db2 Mirror configurations. The support is enabled with the Db2 Mirror Group PTF SF99668 level 15.

Planned availability date

December 10, 2021

Availability within a country is subject to local legal requirements.

Program number

Program number	VRM	Program name	
5765-VRM	1.6.0	IBM VM Recovery Manager HA	
5765-DRG	1.6.0	IBM VM Recovery Manager DR	
5765-H39	7.2.6	IBM PowerHA SystemMirror Standard Edition	
5765-H37	7.2.6	IBM PowerHA SystemMirror Enterprise Edition	
5770-DBM	7.4.0	IBM Db2 Mirror for i	
Program number	Maintenance 1-year Program number	Maintenance 3-year Program number	Maintenance ALC Program number
5765-VRM	5771-VRM	5773-VRM	5771-VRA

Program number	Maintenance 1-year Program number	Maintenance 3-year Program number	Maintenance 3-year Program number	Maintenance ALC Program number	
5765-DRG	5771-DRG	5773-DRG	5771-DRL		
Program number	Maintenance 1-year Program number	Maintenance 1-year ALC Program number	Maintenance 3-year Reg Program number	Maintenance 3-year Renewal Program number	Maintenance 3-year ALC Program number
5765-H39	5660-H23	5661-H23	5662-H23	5663-H23	5664-H23
Program number	Maintenance 1-year Program number	Maintenance 1-year ALC Program number	Maintenance 3-year Reg Program number	Maintenance 3-year Renewal Program number	Maintenance 3-year ALC Program number
5765-H37	5660-H24	5661-H24	5662-H24	5663-H24	5664-H24

Services

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Technical information

Specified operating environment

Hardware requirements

A Power8, Power9, Power10, or later, technology-based server

Software requirements

Not applicable

IBM Support

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Planning information

Packaging

Packaging information

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Ordering information

Consult your IBM representative or IBM Business Partner.

Charge metric

The charge metrics for these licensed products can be found in the following License Information documents:

Program number	License Information document title	License Information document number
5765-VRM	IBM VM Recovery Manager HA	L-JYUU-C4P35D
5765-DRG	IBM VM Recovery Manager DR	L-JYUU-C4P3B4
5765-H39	IBM PowerHA SystemMirror Standard Edition	L-AKKK-BS6FRT
5765-H37	IBM PowerHA SystemMirror Enterprise Edition	L-AKKK-BS6FYV

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

Terms and conditions

Not applicable

Statement of good security practices

IT system security involves protecting systems and information through intrusion 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 regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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Prices

The prices are unchanged by this announcement.

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Regional availability

American Samoa, Guam, Marshall Islands, Federated States of Micronesia, Northern Mariana Islands, Palau, Puerto Rico, United States, and US Virgin Islands

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