IBM VM Recovery Manager HA for Power
Systems

Version 1.3.0

Release Notes

IBM

Note

Before using this information and the product it supports, read the information in "Notices" on page 3.

Contents

About this document

The Release Notes topics include late technical information, and they highlight new functions for the VM Recovery Manager HA licensed program.

Highlighting

The following highlighting conventions are used in this document:

Bold	Identifies commands, subroutines, keywords, files, structures, directories, and other items whose names are predefined by the system. Bold highlighting also identifies graphical objects, such as buttons, labels, and icons that you select.
Italics	Identifies parameters for actual names or values that you supply.
`Monospace`	Identifies examples of specific data values, examples of text similar to what you might see displayed, examples of portions of program code similar to what you might write as a programmer, messages from the system, or text that you must type.

Case-sensitivity in VM Recovery Manager HA

The command name and some flags in the VM Recovery Manager HA solution are case-sensitive, which means that it distinguishes between uppercase and lowercase letters. To avoid causing undesirable actions to be performed, always ensure that you use the correct case.

The case-sensitivity of the command name and the flags are listed as follows:

- The command name is case-sensitive.
- The **ACTION** flag is not case-sensitive.
- The **CLASS** flag is not case-sensitive.
- The **NAME** flag is case-sensitive.
- The **ATTR** flag and the corresponding *VALUE* parameter are case-sensitive.

Correct example

```
ksysmgr ADD Host_Group hg_name hosts=host1,host2
```

Incorrect example

```
KSYSMGR ADD Host_Group hg_name Hosts=host1,host2
```

ISO 9000

ISO 9000 registered quality systems were used in the development and manufacturing of this product.

VM Recovery Manager HA Version 1.3.0.2 Release Notes

New functions for VM Recovery Manager HA Version 1.3.0.2

VM Recovery Manager HA Version 1.3.0.2 is the Service Pack 2 (SP2) update to the VM Recovery Manager HA 1.3. This release contains the following enhancements:

HA agent for PostGres HA management
A new HA agent is shipped to perform HA magement for the PostGres database. Administrators can deploy the HA agent in the VM and enable application HA management for the PostGres database.

LPM progress indicator
When the Live Partition Mobility (LPM) is initiated for one or more VMs, the ksysmgr displays progress of the operation and the same information is also available in the VM Recovery Manager HA graphical user interface. This function requires HMC version 9.3.0, or later.

Enhanced VIOS health monitoring
The KSYS subsystem has been enhanced to monitor the file system condition of the VIOS. When the percentage of file system usage reaches a threshold value of 80%, the KSYS subsystem alerts the administrator.

High availability for KSYS LPAR by using PowerHA SystemMirror
Multiple KSYS LPARs can be deployed for redundancy by using Active-passive model and by using PowerHA SystemMirror for AIX. This provides protection against failure of the LPAR, in which the KSYS is hosted.

Enhancements in GUI dashboard

- The VM Recovery Manager HA GUI dashboard displays inventory details.
- Other enhancements in the VM Recovery Manager HA GUI include: support for operations such as delete cluster, enhanced activity window, enhanced topology refresh task, etc.

Requirements

For information about the requirements for the VM Recovery Manager HA solution, see the Requirements for the VM Recovery Manager HA solution topic.

Installation and migration

Before you install the VM Recovery Manager HA fileset, install the required VIOS interim fixes. For more information about VIOS interim fix installation, see Installing VM Recovery Manager HA.

To upgrade VM Recovery Manager HA from Version 1.3 to 1.3.0.2, see Upgrading VM Recovery Manager HA.

Installing VIOS interim fixes

Before you install the VM Recovery Manager HA fileset, install the VIOS interim fix (ifix) `IJ16743m3b.190619.epkg.Z`. You can download the VIOS ifix from the following URL:

http://aix.software.ibm.com/aix/ifixes/IJ16743/

Limitations

When shared storage pool (SSP) goes down in all the VIOS nodes, you must check the events and bring up the SSP on all the VIOS nodes. If the SSP has been down for an extended period of time, automatic restart does not initiate in case of VM failure. You must manually initiate the restart operation to relocate the failed VMs to the backup host. After relocation, you must manually initiate the cleanup operation to delete VMs on the previous host. To know the status of SSP, use the `cluster -status` command.

Additional information

Documentation

To view the latest updates to the documentation, see the What's new in VM Recovery Manager HA.

To view the documentation in the PDF format, see the VM Recovery Manager HA Version 1.3 PDFs topic.

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