IBM PowerHA SystemMirror, V7.2.2 for AIX offers UI enhancements and advanced analytics

Table of contents

1 Overview
1 Key prerequisites
1 Planned availability date
2 Description
2 Statement of general direction
2 Program number

At a glance

IBM® PowerHA® SystemMirror® for AIX®, the IBM Power Systems™ strategic solution for high availability, protects against most outage types, including software updates. It is the solution for mission-critical environments.

IBM PowerHA System Mirror, V7.2.2 for AIX introduces the following:

• Enhancements to the Health Management Dashboard UI. The PowerHA V7.2.2 UI extends the health monitoring capability to cluster management for most common cluster operations, and includes a cluster deployment wizard, multitenant hosting management for cloud providers, and role-based security management.

• Advanced analytics for problem isolation, problem determination, and solution recommendation.

Overview

PowerHA SystemMirror, V7.2.2 for AIX updates the version 7 family of products. Cluster Aware AIX was introduced with version 7.1, making PowerHA an integrated extension of AIX. Version 7.2.2 uses the same clustering foundation as PowerHA SystemMirror, V7.1 and supports an easy, nondisruptive upgrade from version 7.1 to version 7.2.2.

Key prerequisites

PowerHA SystemMirror V7.2.2 supports:

• IBM POWER6® and later technology-based servers

• AIX 7.1 TL04, AIX 7.1 TL05, AIX 7.2, AIX 7.2 TL01, and AIX 7.2 TL02 operating systems

The PowerHA V7.2.2 features that are supported vary by AIX release and Power Systems type. See the release notes of PowerHA SystemMirror V7.2 and V7.2 TL02 for more details.

Planned availability date

December 15, 2017
Description

PowerHA SystemMirror, V7.2.2 for AIX enhancements include:

- Additional functions provided by the Health Management Dashboard UI. The UI, which initially offered at-a-glance health monitoring for one or many clusters, has been significantly enhanced to provide cluster management functions such as:
  - Start/stop cluster and move Resource Group (RG), as well as a deployment wizard. PowerHA V7.2.2 is ready for the cloud, providing the capability to set up cluster zones complete with access authority management and audit tracking.
  - Support for role-based user administration. Now administrators can be assigned roles to manage different aspects of a cluster.
  - Cloud-enabled multiclient cluster administration, deployed via cluster zones. Administrators can group clusters based on different clients or departments and administer them securely.
- An advanced log analytics tool. PowerHA V7.2.2 features "push button" cluster-wide log analysis, providing a summary of the problem as well as the associated log events and a recommendation for problem resolution. Log files can be analyzed on a live cluster or a failed cluster. The logs can also be shipped to IBM for analysis. The tool processes log files across the nodes in the cluster and enables analysis based on user-specified patterns (symptoms), time windows, and other factors.
- An easy update roll back feature. PowerHA SystemMirror, V7.2.1 introduced an easy update tool to enable updates to the high availability (HA) software stack across the nodes in the cluster. With V7.2.2, not only can administrators choose to apply updates to one node or all nodes in the cluster with a simple command, but they can also roll back updates and revert back to the earlier version of the HA stack, if needed, after the update.

Statement of general direction

IBM plans to enhance the GDR (Geographically Dispersed Resiliency) for Power Systems product by providing disaster recovery rehearsal, sub-site host group management, and support for certain Hitachi Storage subsystems.

IBM’s statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remains at our sole discretion.

Program number

<table>
<thead>
<tr>
<th>Product number</th>
<th>V.R.M.</th>
<th>Program name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5765-H39</td>
<td>7.2.2</td>
<td>PowerHA SystemMirror Standard edition</td>
</tr>
<tr>
<td>5765-H37</td>
<td>7.2.2</td>
<td>PowerHA SystemMirror Enterprise edition</td>
</tr>
</tbody>
</table>
Order now

To order, contact the IBM Digital Sales Center, your local IBM representative, or your IBM Business Partner. To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968). For more information, contact the IBM Digital Sales Center.

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
For IBM representative: askibm@ca.ibm.com
For IBM Business Partner: pwcs@us.ibm.com
IBM Digital Sales Offices 1177 S Belt Line Rd Coppell, TX 75019-4642, US
The IBM Digital Sales Center, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

Trademarks
Power Systems is a trademark of IBM Corporation in the United States, other countries, or both.
IBM, PowerHA, SystemMirror, AIX and POWER6 are registered trademarks of IBM Corporation in the United States, other countries, or both.
Other company, product, and service names may be trademarks or service marks of others.

Terms of use
IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located on

Terms of use

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

IBM United States