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HPE 3PAR Recovery Manager 4.7.1 Software for Microsoft SQL Server Release Notes

Abstract

This release notes document is for HPE 3PAR Recovery Manager 4.7.1 Software for SQL Server. This release notes document provides an information on new features, a list of issues resolved, and a list of known issues that may be visible to the customer.

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Read this entire document before installing HPE 3PAR Recovery Manager 4.7.1 Software for Microsoft SQL Server.

Recovery Manager requirements

Supported configurations

For information about supported hardware and software platforms, refer to the Single Point of Connectivity Knowledge for Hewlett Packard Enterprise Storage Products (SPOCK) website:

<http://www.hpe.com/storage/spock>

What's new with RMS 4.7.1

- Support for HPE 3PAR OS 3.2.2 MU1
- Support for HPE 3PAR StoreServ 20000 Storage Systems
- Support for HPE 3PAR StoreServ 8000 Storage Systems
- Support for HPE 3PAR Remote Copy Asynchronous Streaming

In RMS 4.7.1 release, after installing HPE 3PAR RMS RMCfgChk file will not be triggered automatically. User can trigger this manually from RM installation path if required.

3PAR Remote Copy provides solution for remote replication that enables flexible business continuity. 3PAR Remote Copy Asynchronous Streaming is a new remote replication mode, along with the existing Synchronous and Periodic Asynchronous modes. This mode eliminates the compromise between performance and the level of data protection. 3PAR Remote Copy Asynchronous Streaming helps the customer easily execute a data protection plan that includes a minimal RPO and protect data for replication distances up to 10ms round trip latency.

NOTE: Contact your Hewlett Packard Enterprise account representative to review the requirements for enabling the 3PAR Remote Copy Asynchronous Streaming feature.

Issues resolved in RMS 4.7.1

Description
RM SQL task failed with error - failed to execute inform CLI command.
RMS RMListing agent terminated unexpectedly.

Known issues in RMS 4.7.1

Description	Solution or Workaround
HPE Data Protector Cell Manager 8.12 is not supported on Microsoft Windows 2012 x86 host.	Install Data Protector Cell Manager 8.12 on x64 system.
A mount operation at a database or an instance level succeeds but event log reports following error: VSS Unexpected error DeviceIoControl error	This is a known Microsoft issue. For more information, see the Microsoft Knowledge Base website: http://support.microsoft.com/kb/2853247 http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2006849
Recovery Manager for Microsoft SQL Server does not support Unformatted SD card.	Format the SD card and retry.

Description	Solution or Workaround
<p>Recovery Manager for Microsoft SQL Server does not function properly when:</p> <ul style="list-style-type: none"> Multiple 3PAR volumes are created as a volume set and exposed to hostset or a host. A single volume is exposed to a hostset. <p>Issues are observed during mount or restore operation for backup server and production servers.</p>	<p>Exposing volume set to a host or a hostset is not supported in this release of Recovery Manager for Microsoft SQL Server. Exposing a single volume to a hostset is also not supported.</p>
<p>Edit time constraints does not allow to remove (0h) expiration set for an Virtual copy from Recovery Manager GUI.</p>	<p>Remove the expiration using Recovery Manager CLI <code>setvc</code> command. To view the command details, enter the command <code>HpRmCli SQL setvc</code> in the Recovery Manager CLI.</p>
<p>The CLI command <code>HpRmCli SQL backup</code> fails if a database name is not specified.</p>	<p>Always use the database option when specifying backup command.</p>
<p>After using Peer Motion, Recovery Manager for SQL server is not validating default storage system configuration.</p>	<p>Use the <code>provcfg</code> command to manually change the storage system (StoreServ) configuration.</p>
<p>HPE Data Protector restore fails for database due to a space in its name.</p>	<p>Do not use a space in database name or in alternate path. Using a space is not supported with Data Protector.</p>
<p>The <code>HpRmCli SQL analyze</code> command fails to update the expiration time and retention time values in the <code>rmsql</code> repository XML file.</p>	<p>Hewlett Packard Enterprise recommends changing the VC attributes, including the expiration time and retention time, through Recovery Manager for SQL. If any VC attributes on the StoreServ are changed manually, then Recovery Manager for SQL does not update the changes in the repository XML file.</p>

Documentation feedback

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