Oracle Axiom vSphere Plug-In 3.1

Part Number: E38305-02

Document Title: Customer Release Notes

Revision History

<table>
<thead>
<tr>
<th>Rev Description</th>
<th>Effective Date</th>
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<tbody>
<tr>
<td>Release 3.1.0</td>
<td>2014-05-29</td>
</tr>
</tbody>
</table>

1 What’s New in This Release

- Create Datastore Snapshots
- Restore Datastore Snapshots
- Schedule Datastore Snapshots
- Extend Datastores using Pillar Axiom LUNs
- Host Groups
- Storage Domains
- Volume Groups
- Supports ESX 4.0 and higher
- Supports ESXi 5.0, 5.1, and 5.5
- Supports vCenter Server 4.0 or higher
- Supports vCenter Server 5.1 and 5.5

2 Known Issues

The Oracle Axiom vSphere Plug-In for issues listed in Table 1 are known at the time of this release. They are scheduled for resolution in upcoming releases. When available, Oracle will provide updated software or hardware, as appropriate.

For additional information or help on any of the issues below, please contact your Oracle authorized representative (see Table 2 Contact information).
<table>
<thead>
<tr>
<th>Issue</th>
<th>Workaround</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>[14745036] Unmasking Ports Fails in Modify SAN LUN Window</strong>&lt;br&gt;The plug-in Create LUN or Modify LUN commands do not enable you to unmask all ports after one or more have been masked. Any subsequent operation to submit all ports as unmasked appears to succeed, but one port always remains masked.</td>
<td>To correct the problem, you must use the Oracle Axiom Storage Services Manager GUI to unmask all ports.</td>
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<tr>
<td><strong>[14697762] Answering Yes to JavaScript Error Locks Up vSphere</strong>&lt;br&gt;If you encounter a JavaScript error while the plug-in is running, answering Yes to allow the script to continue can cause vSphere to lock up.</td>
<td>You should answer No instead of Yes when asked to allow the script to continue. If you answer Yes and vSphere locks up, use the Windows Task Manager or the command line to close vSphere and try again.</td>
</tr>
<tr>
<td><strong>[14782147] Use Axiom GUI to Add Host Groups</strong>&lt;br&gt;When you use the plug-in to add a host to a host group, if there is a mapping conflict between the host and host group, you might receive an error message indicating a conflict, and the process might fail.</td>
<td>If the process fails due to a mapping conflict, manually correct the conflict or use the Pillar Axiom Storage Services Manager GUI to add hosts to host groups.</td>
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<tr>
<td><strong>[15869545] Changing Access Protocol Unmasks Ports</strong>&lt;br&gt;Changing the access protocol of a LUN that has masked Slammer ports (by selecting or deselecting Fibre Channel or iSCSI on the Mapping tab) unmask the masked ports.</td>
<td>To correct the problem:&lt;br&gt;1. Make a note of the existing masking before you change the access protocol.&lt;br&gt;2. Modify the LUN to change the access protocol, and click OK to save the change.&lt;br&gt;3. Modify the LUN again to mask the Slammer ports as they were before.</td>
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<td><strong>[15869543] Failed to Retrieve Details Errors</strong>&lt;br&gt;When you are using a plug-In command that involves getting information about Pillar Axiom LUNs or Clone LUNs, you sometimes see a “failed to retrieve data” error. This error might result if the LUNs or Clone LUNs are in the process of being deleted on the Axiom by another user or a different process.</td>
<td>If the LUNs or Clone LUNs are being deleted, wait for the process that is deleting them to finish before attempting to use the vSphere Plug-In command that resulted in the error.</td>
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<tr>
<td><strong>[15873474] HTTP 500 Error</strong>&lt;br&gt;When you issue a plug-In command, you might receive an HTTP 500 error.</td>
<td>Close the plug-in dialog box and try the command again.</td>
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<td>Issue</td>
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<td>[18744952] VMs and Datastore Appear as Grayed Out Icons after Datastore or Datastore Cluster Deletion</td>
<td>When a datastore or datastore cluster is removed or deleted along with the LUNs, any VMs and the datastore or datastore cluster are displayed as grayed out. Delete the VMs associated with that datastore or datastore cluster.</td>
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<tr>
<td>[18719098] Ports Need to be Accessible to Avoid Connection Problems</td>
<td>The host on which the plug-in software is installed requires secure TCP/IP connections for communication with the Pillar Axiom. The access (ingress) ports used for communication with the Pillar Axiom include:</td>
</tr>
<tr>
<td></td>
<td>• Shutdown port: 8006</td>
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<td></td>
<td>• HTTP: 8084</td>
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<tr>
<td></td>
<td>• HTTPS: 8446</td>
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<td></td>
<td>The outgoing (egress) port used for communication to the Pilot is:</td>
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<tr>
<td></td>
<td>• WebCLI (Pilot access): 8083</td>
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<tr>
<td>[18726990] Cannot Restore the Same Snapshot Multiple Times</td>
<td>When you remove a datastore and unmap the clone LUNs, the removal of those LUN mappings takes a minute or two to disappear from the system. If you recover the snapshot again and use the same LUN numbers, this can cause a problem because the LUN numbers are still in use until unmapped. Oracle recommends you wait a few minutes and try again or to use different LUN numbers to mount the datastore, the second time. If this problem persists after waiting a few minutes, perform a Rescan for Datastores operation at the Datacenter Level. Make sure the Limit available LUN numbers is checked when restoring a snapshot and selecting LUN numbers for the clones.</td>
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</tbody>
</table>
3 Contact Information

Various levels of customer service are provided on a contract basis for the Oracle Axiom vSphere Plug-In. If you have purchased a service contract from Oracle, authorized personnel will provide support and repair according to the terms and conditions of that agreement.

Table 2 Contact information

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Support</td>
<td><a href="https://support.oracle.com">https://support.oracle.com</a></td>
</tr>
<tr>
<td>Training</td>
<td><a href="https://education.oracle.com">https://education.oracle.com</a></td>
</tr>
<tr>
<td>Documentation</td>
<td>• From the Oracle Technical Network: (<a href="http://docs.oracle.com">http://docs.oracle.com</a>)</td>
</tr>
<tr>
<td>Contact Oracle</td>
<td><a href="http://www.oracle.com/us/corporate/contact/index.html">http://www.oracle.com/us/corporate/contact/index.html</a></td>
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</tbody>
</table>
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