
Adaptec OnTarget v3.1 README

Please review this file for highlights of features in this release and important information about issues that were discovered after completion of the standard product documentation.

In the case of conflict between various parts of the documentation set, this file contains the most current information.

2. WHAT'S NEW IN THIS RELEASE

2.1 Adaptec OnTarget 3.1

- Protecting data using Replica - Adaptec Storage Manager includes a replica wizard to help you create a replica at the specified replica site. A replica can include one volume or multiple volumes, including mirrored volumes.
 - Upgrade from OnTarget 3.07 to OnTarget 3.1 operating system
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3. KNOWN ISSUES AND LIMITATIONS

- When you launch the ASM help system, the navigation buttons are disabled, in Microsoft Explorer. Use the help contents to navigate the ASM help system.
- The look and feel of the ASM help system will be different in Microsoft Internet Explorer 6.0 and 7.0.
- The help system has navigation issues in Mozilla Firefox. If you click the Back button the main page of the help is displayed instead of the previously visited page.
- If two or more instances of Adaptec Storage Manager are open and if you add the same management service to both the instances, the events occurring in one of the instances might not get logged.
- ASM will not report any event when the RAID controller battery temperature is out of range.
- Scheduled Replica update does not happen if ASM is closed.
- Adaptec recommends not to associate more than 16 agents including provisioning agents and iscsi storage appliances under a single management service.
- When you import a foreign rollback pool DPD restart event will happen resulting in iscsi connection drop.
- In ASM, sometimes the local hostname will be displayed instead of the host on which the Management service is running. In such cases, you cannot import or export a pool. To import or export a pool, dissociate the management service and add it again to iSCSI storage.
- When a RAID 1 array is migrated to a new set of drives, the source drives are in Optimal state but are shown as not associated with any pool. However, do not try to associate the drives till the

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array migration is complete. After the migration, the drives will automatically move to Ready state, and can be used for any other operation.

- In a mirrored setup, the provisioning agent might go offline, if the master or slave goes down.
- when IP address of a mirror plex is changed, you cannot create a new mirror.
- When an array is in degraded state, assigning a new global hotspare will not trigger rebuilding of the pool. Assign a dedicated hotspare to ensure that the array is rebuilt.
- When an array is rebuilt and set to the optimal state, an additional hot spare might get assigned. Refer to the event log and dissociate the hotspare, if required.
- If you create a volume after migrating to a supported RAID level, the provisioning agent will go offline. temporarily.
- When you perform a RAID level migration from RAID 1 to RAID 5, I/O stress might fail.
- When Intel NIC teaming method is modified, you must reinstall the Adaptec Storage Manager. Else, the Winagents cannot be contacted.
- If the user tries to unmount volumes that are in use, the Job might get stalled.
- When you try to view events using "events report all" command, it does not provide details about individual events.
- Pool identify may continue to blink in the corresponding drive/s even after it is destroyed.
- When the switch roles job is started and stalled before completion (before the last step) it reverts the source to the replica source state and breaks it from the replica. The replica destination is still a destination which can be broken and will be a normal logical volume which can be mounted.
- When using the Mirroring feature, eth0 should be configured as a 'management-only' port.
- Device) • If your system includes multiple non-DASD (non-Direct Access Storage in devices, the CD or DVD drive must be the first enumerated non-DASD device in order to run the bootable CD included with your controller. This is not applicable to 700i series products
- Device) • If your system includes multiple non-DASD (non-Direct Access Storage in devices, the CD or DVD drive must be the first enumerated non-DASD device in order to run the bootable CD included with your controller.
- The ASM RAID pool summary screen may display size slightly larger than what is available.

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- Volume provisioning may result in "request rejected" errors if existing volumes are under heavy I/O stress.
- Snapshots may take several minutes to show up in ASM's Enterprise View (the left pane tree view).
- ASM does not properly display the new pool size after an Online Capacity Expansion of a RAID-0 pool. Refreshing the ASM user interface will correct the problem.
- If using VMware ESX server in a VMcluster, both with QLogic HBAs, the ESX servers may lose connectivity if an iSCSI rescan is initiated.
- When creating snapshots of one or more volumes, the Microsoft VSS provider may timeout, resulting in an incomplete snapshot set.

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