

Archive Management Software

Product Release Notes

Release Details	
Release Name	Archive Management Software (AMS)
Release Note Number	25
Release Version	6.01.07 MD5 d8315f5fae97997675e442f341be7d34 2f67bdfb8fa0b3f08489c45b276234b7 b71c82067f59c81d535980e8fd1e2c6c ea088fbe9a6672eb2e57d4ed7931cfe0 File SNAZ-OS-6.01.07-15389 flash.img.6.01.07-15389.AA-h16-c400-s32-eS12-400 flash.img.6.01.07-15389.AA-h16-c400-s32-eS12-500 flash.img.6.01.07-15389.AA-h16-c400-s32-eS12-600
Software Release Date	December 14, 2017
License Release Date	December 14, 2017, 12:00:00 UTC
Release Type	Full release
NETArchive S-Series Firmware	v0204 NA-S10 Library v0204 NA-S30 Library v1670 NA-D77U / NA-D77F Drives v1530 NA-D280U / NA-D280F Drives
Documentation Version	AMS Administration Guide - 810-104334-01 NETArchive Service Manual - 800-104335-00
Supported Platforms	NA-R100, A12 (PDSM4, PDSM4+), A12RP, E12

AMS 6.0 - Product Enhancements	
New Feature/Enhancement	Description/Benefit
Support for NETArchive S-Series Generation 2 ODA Libraries and Drives	AMS now supports NETArchive system components, including tightly integrated Sony ODA2 components. These include the ODS-L30M and ODS-D280F.
Archive to the Microsoft Azure Cloud (Azure Blob Storage)	AMS can now migrate files to the Azure Cloud as well as Amazon Cloud Storage and optical media. The user interface has been enhanced to manage Cloud provider accounts, show the cloud status and link a cloud provider to an archive. Each archive can only be linked to one cloud provider. In the case of a recovery, AMS will automatically synchronize with the cloud account.
Support for the Archive Appliance platform	AMS now adds support for the Plasmon Archive Appliance hardware platform. Support is included for AA systems running the PDSM4, PDSM4+, E12 and A12RP servers.
Support for 6TB SAS RAID drives	AMS now adds support for 6TB SAS RAID drives in 2, 8 and 12 drive RAID configurations.
Support for 10 slot licensing of the ODS-L30M platform	AMS licensing features have been added to limit available nearline cartridge slots to 10, providing an entry level option for the scalable Petasite library configurations.
Upgraded Kernel resolving issues with NFS share hang conditions	The AMS Linux Kernel has been upgraded which resolves issues where the NFS share hang conditions could occur.
SSD utilization improvements for data buffering and backup	The AMS has been updated to recognize SSD failures and subsequent recovery of the SSD(s) where after recovery the SSD(s) will be recognized and reinstated for usage.

AMS 6.0 – Changes & Fixes

	Change ID	Category	Descriptive Notes
←	N/A		Base release

Known issues

1. **Recall may time out** if the bandwidth is not sufficient to download the migration container file. This is a current limitation but should be rectified in a future release.
2. If the Master Wrapping Key has been restored, it is necessary to restart SSM as the cloud service needs to be re-initialized and validated.
3. If replicating between an Archive Appliance running the 4.20.31 version of the AMS system to a NETArchive running 6.0.xx or higher, due to SSH (Secure Shell) authentication connection handshake issues, the following commands must be run on the 4.20.31 AMS system. Alternatively, you can upgrade the 4.20.31 system to 5.0.17 or higher where this issue does not exist.
 - Log in on the CLI. You must be in super user mode, such as root.
 - `$ ssh-keygen -t rsa`
=> Here do not set the passphrase, just press enter
 - `$ cat ~/.ssh/id_rsa.pub | ssh admin@PASSIVE_SYSTEM_IP "mkdir -p ~/.ssh && cat >> ~/.ssh/authorized_keys"`

Installation Note

New users should refer to the “*NETArchive Installation and Configuration Guide*” (800-104336-00) for setup instructions.

Supported Upgrade Paths

Users can upgrade to AMS 6.01.07 from these earlier releases:

- 4.20.23 (All Patches) – see note below
- 4.20.31 (All Patches) – will automatically reboot after initial install for second phase
- 5.00.17 (All Patches) – will automatically reboot after initial install for second phase
- 6.00.23 (All Patches) – will automatically reboot after initial install for second phase