

Firmware 1.52F.06 Release Note

Updated: Jan. 26th, 2022

Note: Starting from 1.49C.14 Firmware for PSe/PSa/PSc/PS Gen.1/2 was merged, therefore release notes for FW ver.1.48 and older will not be included. They can be found via the links listed at the footnote.

Binary File Name	FA152F06_291_IPT_ESGS.BIN
MD5 Checksum	21883CFF73B817ECDA3EEC960A029A13
Applicable Models	
PS 2000 Series	PS 2012, PS 2016, PS 2024
PS 3000 Series PS 3000 Gen.2 Series	PS 3012, PS 3016, PS 3024, PS 3025, PS 3060
PS 4000 Series PS 4000 Gen.2 Series	PS 4012, PS 4016, PS 4024, PS 4025, PS 4060

Compatible Software Versions:

EonOne: EonOne_2_5_u_904

Important Note:

1. Non-PS 3000/4000 Gen.2 series do NOT support rolling upgrade from FW 1.48 and older. Please stop IO and shutdown controller before upgrading firmware to v.1.49C14.
2. Please make sure to use Central EonOne v.2.5.r.27 or older for this update, otherwise you might see "Failed to update firmware due to incompatibility with the system." message. Please shutdown the controller if it is not shutdown already and initiate the update again.
3. This firmware version does NOT support firmware downgrade to 1.49C or older unless all Logical Drives are deleted from the system.

Limitation:

1. The unit need to be inserted at least 4GB DIMM to enable Jumbo Frame function when using 12 channels.
2. Volume cannot be rolled back by snapshot when using cloud-connected folder.
3. When using VMWare mounting NFS as data store and create/migrate VMs into PS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.
4. Systems with Logical Volume larger than 1PB can't do rolling update to this release. Please the shutdown system first.

New features:

None

Enhancements:

1. Enhances the R/W performance.(ID: 2000479)

Fixed Issues:

1. Fixed vulnerability in Apache Log4j Java logging library.
2. Fixes: Sometimes GUI might unable synchronize with AD after rebooting when there are huge groups and users. (ID: 2000484)
3. Fixes: A bug that may potentially cause a loss of connection to the data and management channels when using iSCSI 40G host board. (ID: 2100190)
4. Fixes: Sometimes the failover might incomplete and cause GUI can't access due to SSD cache checking mechanism. (ID: 2100298)

5. Fixes: Create logical volume will fail with SSD over-provisioning set as non-zero value. (ID: 2100278)
6. Fixes: AD join may fail when customer choose to create home folder. (ID: 2100184)
7. Fixes: May not open file in UI file manager when folder including specific naming. (ID: 2100159)
8. Enhance the buzzer behavior while pressing the power button on PSEpor 208T. (ID: 2000495)
9. Fixes: IO may stop in some environments while running IO. (ID: 2100212)
10. Fixes: Access event may not be seen in UI while some Unicode cannot decode. (ID: 2100276)
11. Fixes: After updating the FW to 1.52A.26 user couldn't configure SNMP monitoring via. (ID: 2100229)
12. Fixes: Machines accessing SMB shares may disconnect if using custom attributes for files. (ID: 2100192)
13. Fixes: Target PS with advanced ACL permission will lose the share folder permission after performing rsync. (ID: 2100128)
14. Fixes: When renaming a snapshot that was shared via CIFS/SMB, it may report an error "Name already exists", which would block it from sharing again. (ID: 2100178)
15. Fixes: SWAP functionality might not behave correctly (ID: 2100243)
16. Fixes: Machines accessing SMB shares may disconnect if using custom attributes for files. (ID: 2100192)
17. Fixes: Inconsistent iSCSI data channel cause partition lose connection. (ID: 2100301)
18. Fixed controller hanged up with specific fibre channel command. (ID: 2100287)
19. Fixes: Rsync task will start over when there is file vanish on source share. (ID: 2100269)
20. Fixed that server cannot detect LUN since IO stuck in drive side. (ID: 2100300)
21. Fixed a bug which cause controller to shutdown when running IO before volume not fully initialized. (ID: 2100247)
22. Fixed a bug which cause controller to shutdown and whole ESXi cluster to shutdown. (ID: 2100172)
23. Fixes: Improper memory allocate mechanism on iSCSI session might cause Bosch IPCAM connection drop. (ID: 2100222)
24. Fixes: When there is no modification on permission of share folder and apply on EonOne, share folder permission will not re-apply. (ID: 2100323)
25. Fixes: Improper coredump generate mechanism might cause coredump not generated after press the service button. (ID: 2100299)
26. Fixed a bug which caused abnormal memory usage of NAS if Syncback Pro program is used. (ID: 2100189)

Known Issues:

None