Firmware 1.48N06 Release Note

Applicable products:

Binary File Name	FA148N06_283_IFT_ESGS.BIN
MD5 Checksum	A751A20F7C5BE5DE99E1D20C619C0620
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.r.305

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

None.

Enhancements

None.

Bugs fixes:

1. Fixes: SMB folder might become unmounted, when recycle bin feature is turned on. (ID:

2000284)

2. Fixes: It might fail to access share folder via CIFS/SMB protocol on MAC OS when enabling vfs-fruit module. (ID: 67313)

Known Issues:

1. The SSD trim function is disabled in this version. When the function is enabled, the host side might take a longer time to format partition on Windows when using all SSD in RAID. (ID: 2000166)

Firmware 1.48D19 Release Note

Applicable products:

Binary File Name	FA148D19_283_IFT_ESGS.BIN	
MD5 Checksum	6D8F1EDE14C042927887E3B00FE18F36	
Applicable Models		
GSi 5000 Series	GSi 5016 G/ G1	

Compatible Software Versions:

EonOne: 2.5.r.37
EonView: 1.0.1-0109

Important Notes:

None

Limitation:

4. The unit need to be inserted at least 4GB DIMM to enable Jumbo Frame function when using 12 channels.
5. Volume cannot be rolled back by snapshot when using cloud-connected folder.
6. When using VMWare mounting NFS as data store and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Supports automatically import users/groups from AD server to GS. (ID: 2000127)
2. Supports 64G RAM on each slot.
3. Enables VASA for VMWare.
4. Supports join AD without enabling SMB v1 on AD server. (ID: 2000043)
5. Central EonOne supports TLS 1.2. (ID: 2000144)
6. Supports setting up jumbo frame per data port. (ID: 1800047)
7. Supports checking the flush agent status when mapping the snapshot volume to host. (ID: 2000053, 2000150)

Enhancements

1. Enhances bandwidth test for Replication function. (ID: ID: 1900279)
2. Enhances system information. (ID: 62497, 2000087, 2000153, 2000187)
3. Enhances default routing function. (ID: 2000073)
4. Enhances Germany user interface. (ID: 2000126)
5. From this version (v.148A19), please go to EonOne Channel & network page to reconfigure the DNS server.

Bugs fixes:

3. Fixes: The embedded EonOne might be stuck at 99% during the process of exporting System Information after controller failure occurred. (ID: 2000061)
4. Fixes: When deleting amount of data from cache mode cloud-volume might cause IO hang. (ID: 2000107)
5. Fixes: It might unable to connect Azure cloud after disconnected due to some resource issue. (ID: 2000076)
6. Fixes: It might show "controller almost ready" on GUI and failed to boot up the secondary controller after re-plugin it. (ID: 2000045)
7. Fixes: It might encounter controller fail when deleting the mount-failed snapshot. (ID: 2000118)
8. Fixes: The controller might fail when there are huge amount of IO abort errors reported at a very short time. (ID: 1900232)
9. Fixes: The host IO abort might cause controller fail when using SSD and enable SSD cache function. (ID: 2000029)
10. Fixes: The snapshot image might become mount-failed and corrupted if anyone who has deleted the image from the middle sequence. (ID: 2000036, 2000047)
11. Fixes: It might show incorrect status of "Initializing On-Line" on EonOne after created a LD which size is larger than 256TB. (ID: 2000102)
12. Fixes: User might encounter IO hang and unable to access EonOne when using Windows server. (ID: 2000115)
13. Fixes: The controller might fail when receiving the incorrect iSCSI command from client server. (ID: 2000169)
14. Fixes: When uses thin-provision volume with Tier function and exceeds available space might cause mount fail. (ID: 2000174)
15. Fixes: It might show wrong status of logical drive on display when there it encountered fatal failed. (ID: 2000193)
16. Fixes: It might fail to flush the cache in host side when taking snapshot and using

VMWare. (ID: 2000198)

17. Fixes: It might encounter controller fail when deleting the mount-failed snapshot. (ID: 2000118)

18. Fixed: The Photoshop file might become executable file when saving without file extension via SMB/AFP protocol on Mac. (ID: 2000086)

19. Fixes: It might encounter IO hang and unable to access the WebGUI when 40G hostboard inserted. (ID: 2000128)

20. Fixes: The auto target LUN mapping might not run properly when running Remote Replication task. (ID: 1900106)

21. Fixes: NAS failover might cause EonOne disconnect suddenly. (ID: 2000068)

22. Fixes: The target unit might encounter controller fail when running Remote Replication task. (ID: 2000072)

23. Fixes: When a new controller inserted, it might fail to synchronize the configuration if there was hostboard which includes file-level channel was used in the original configuration. (ID: 1900097, 1900105)

24. Fixes: It might show "sshd" as user name on connection display of WebGUI after upgrading firmware to ver.147. (ID: 2000139)

25. Fixes: It might encounter NAS failover when using EonOne to monitor Capacity or Performance for a long period. (ID: 2000066)

26. Fixes: It might fail to delete the cloud task which includes a space in the task name. (ID: 2000060)

27. Fixes: It might encounter controller fail when enable SNMP notification function. (ID: 2000062)

28. Fixes: Web GUI might show "Unknown" on display due to unexpected condition. (ID: 2000067)

29. Fixes: When there is a user name which includes four characters, it might failed to search it in the File Explore. (ID: 2000082)

30. Fixes: WebGUI might popup incorrect message when using Japanese EonOne to enable Advanced ACL function. (ID: 2000101)

31. Fixes: Unable to modify the file attribute which was copied from windows 7 to GS. (ID: 2000155)

32. Fixes: It might shows the Object function was disabled on Web GUI if enable the function and login again. (ID: 2000162)

33. Fixes: The Rsync task schedule might be stuck due to unexpected condition. (ID: 2000207)

34. Fixes: It might fail to process firmware rolling upgrade function since there is no enough space in NAS. (ID: 1900134)

35. Fixes: It might automatically update the database of Anti-Virus function when it was disabled. (ID: 2000159)

36. Fixes: It might fail to re-create the local user when using the same ID as the one just deleted. (ID: 2000214)

37. Fixes: The folder path might be changed unexpectedly when it had been taken snapshot and updated firmware from 138A41 to 147F08. (ID: 64586)

38. Fixes: It might meet poor performance via SMB/NFS protocol when enabling Data access log function without setting database. (ID: 2000252, 2000244)

39. Fixes: The cloud task might be stuck due to NAS restart improperly. (ID: 2000154)

40. Fixes: It might fail to complete the upload files process when using Cache mode cloud task. (ID: 2000097)

Known Issues:

2. The SSD trim function is disabled in this version. When the function is enabled, the host side might take a longer time to format partition on Windows when using all SSD in RAID. (ID: 2000166)

3. It might fail to access share folder via CIFS/SMB protocol on MAC OS when enabling vfs-fruit module.

Firmware 1.47O04 Release Note

Applicable products:

Binary File Name	FA148D19_283_IFT_ESGS.BIN
MD5 Checksum	
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.q.401
EonView: 1.0.1-0109

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Add an on board SSD check detection method which will detect degradation of it.

Enhancements:

None

Bugs fixes:

None

Known Issues:

1. The SSD trim function is disabled in this version. When the function is enabled, the host side might take a longer time to format partition on Windows when using all SSD in RAID. (ID: 2000166)

Firmware 1.47I08 Release Note

Applicable products:

Binary File Name	FA147I08_283_IFT_ESGS.BIN
MD5 Checksum	4B5E5E6A579D569A918571611EF0CC65
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.q.103
EonView: 1.0.1-0109

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

None

Enhancements:

None

Bugs fixes:

1. Fixes: Sometimes it might show wrong message on display when checking on the "Select the configuration of the pool" during Initial setup wizard process. (ID: 2000094)
2. Fixes: Sometimes it might unable to login share folder via CIFS/SMB protocol when enable recycle bin function. (ID: 2000122)
3. Fixes: Sometimes when the Anti-Virus function is enabled might cause NAS high memory usage problem. (ID: 2000133)
4. Fixes: Sometimes it might fail to access share folder via CIFS/SMB protocol because of improper NAS resource allocation. (ID: 2000137)
5. Fixes: Sometimes it might fail to login share folder via CIFS/SMB protocol after upgrade firmware to v.147D19. (ID: 2000132, 2000142)
6. Fixes: Sometimes it might fail to set permission for AD group when ACL was enabled. (ID: 2000146, 2000148)
7. Fixes: Sometimes it might fail to access share folder via CIFS/SMB protocol after upgrade firmware to v.147D19. (ID: 2000136)
8. Fixes: Sometimes the write performance might become worse after upgrading firmware to firmware to v.147D19. (ID: 2000167)

Known Issues:

1. The SSD trim function is disabled in this version. When the function is enabled, the host side might take a longer time to format partition on Windows when using all SSD in RAID. (ID: 2000166)

Firmware 1.47D19 Release Note

Updated: Mar. 13th, 2020

Applicable products:

Binary File Name	FA147D19_282_IFT_ESGS.BIN
MD5 Checksum	A8BEF643E896902F48C3A46EAB91BA99
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.q.18

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Support windows SMB Multichannel.
2. Support trunking onboard channels and hostboard channels as same trunk group. (1G RJ45/10G RJ45/10G SFP+)

Enhancements:

1. Performance enhancement. (ID: 1900161)
2. Enhance Event log function. (ID: 1900270, 1900339)
3. Enhance AD function. (ID: 1900358)

4. Enhance FTP function.

Bugs fixes:

1. Fixes: Sometimes the controller might hang when SATA drives are inserted without bridge board. (ID: 1900124)
2. Fixes: Sometimes it might show Drive not ready when SED function is enabled while MTFDDAK3T8QDE drive is inserted. (ID: 1900192)
3. Fixes: Sometimes the performance might be worse when copying and listing files in multiple CIFS folders at the same time. (ID: 1900200)
4. Fixes: Sometimes there are too many unknown session log in SMB server might cause the resource be occupied and the SMB folders unable to be accessed. (ID: 1900280, 19 00343, 2000025)
5. Fixes: Sometimes drive error might be detected under the situation of heavy IO. (ID: 1900290)
6. Fixes: Sometimes it might fail to create Rsync task when ACL sync option is enabled. (ID: 1900302)
7. Fixes: Sometimes AD join might fail when TLS is enabled on Linux-based AD server. (ID: 1900306)
8. Fixes: Sometimes controller might fail when channels have been set to different network domain without gateway. (ID: 1900322)
9. Fixes: Sometimes the target snapshot might be incomplete when mapping on Linux server. (ID: 1900341)
10. Fixes: Sometimes the controller might fail when SSD is inserted. (ID: 1900344)
11. Fixes: Sometimes the controller might fail when the security was set as SSL on notification setting. (ID: 1900350)
12. Fixes: Sometimes the controller might fail due to rare CPU resource handling. (ID: 1900355)
13. Fixes: Sometimes the display might show file-level channels when mapping block-level remote replication volume on client server. (ID: 2000006)
14. Fixes: Sometimes it might fail to perform snapshot schedule when the volume is used as a datastore in VMWare. (ID: 2000013)
15. Fixes: Sometimes the static IP address could not be assigned when the host connects to a management port without DHCP server available. (ID: 2000024)
16. Fixes: Sometimes GUI might pop up error message when setting advanced ACL setting and select "Apply configuration to subfolders and files". (ID: 1900165)
17. Fixes: Sometimes GUI might not show Amazon S3 Endpoint when VLAN is configured. (ID: 1900243)
18. Fixes: Sometimes the shared folder might not able to edit when it is a sync-mode cloud.

(ID: 2000021)

19. Fixes: Sometimes IO might hang when using 4 X 16Gb/s FC ports. (ID: 1900250)

20. Fixes: Sometimes abnormal IO behavior might cause controller hang. (ID: 1900309)

21. Fixes: Sometimes it might fail to create a pool with 2 PB size. (ID: 1900348)

22. Fixes: Sometimes when running heavy NFS IO on Linux server might cause Amzon S3 crash. (ID: 2000002)

23. Fixes: Sometimes the Web GUI error might cause controller fail. (ID: 2000048)

24. Fixes: Sometimes when adding SCSI ID without rebooting and mapping block-level volume to host might cause controller fail. (ID: 1900345)

25. Fixes: Sometime it might fail to boot up RAID with JBOD after a controller failure happened. (ID: 2000009)

26. Fixes: Sometimes it might fail to mount file-level snapshot. (ID: 1900258)

Known Issues:

None

Firmware 1.46I16 Release Note

Applicable products:

Binary File Name	FA146I16_282_IFT_ESGS.BIN
MD5 Checksum	DEF84E64120D71A04690E57189113CF6
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.p.122

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Support Office Shared Storage for GS models. Please refer to the following link for more details. https://www.infortrend.com/tw/products/office-shared-storage

Enhancements:

None

Bugs fixes:

None

Known Issues:

1. Sometimes AD join might fail when TLS is enabled on Linux-based AD server. (ID: 1900306)

Firmware 1.46D11 Release Note

Applicable products:

Binary File Name	FA146D11_282_IFT_ESGS.BIN
MD5 Checksum	3863668CD8F99905175528E909A4EC4D
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

EonOne: 2.5.p.07

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Support Yandex Cloud Service Provider in EonCloud Gateway.
2. Support HiCloud Service

Enhancements:

1. Enhances AD functions. (ID: 1900128)
2. Enhances event log function. (ID: 1900062)
3. Enhances the Object protocol. (ID: 1800396)
4. Changes Jumbo frame size from 9K to 8K for better utilization of RAM.

Bugs fixes:

1. Fixes: Sometimes the media scan results is different between CLI and system information. (ID: 1800145)

2. Fixes: Sometimes the cloud task keeps initializing and the files might unable to synchronize when ACL synchronization option is enabled. (ID: 1800289)

3. Fixes: Sometimes it might take too long to set ACL on EonOne. (ID: 1800362)

4. Fixes: Sometimes IO might hang when executing tier migration function. (ID: 1900128)

5. Fixes: Sometime user with read only permission cannot copy file or read file via AFP protocol. (ID: 1900266)

6. Fixes: Sometimes it might encounter IO time out when using Infiniband host board. (ID: 1900324)

7. Fixes: Sometimes the controller might fail when delete a pool with tier while the tier migration has been aborted/failed. (ID: 1900311)

8. Fixes: Sometimes the controller might hang when running some specific commands/functions. (ID: 1900294)

9. Fixes: Sometimes Rsync might be incompatible from GS to non-GS modes when source file contain large files. (ID: 1900312)

10. Fixes: Sometimes when using Windows dir command to list the file size which contains large files might show wrong size. (ID: 1900300)

11. Fixes: Sometimes it might show drive failure on display when SED function is enabled while Seagate drive model number XS7680SE70024 is inserted. (ID: 1900325)

12. Fixes: Sometimes AD join might fail when TLS is enabled on Windows AD server. (ID: 1900327)

13. Fixes: Sometimes the CIFS/SMB configuration would be reset to the factory default after rebooting. (ID: 1900326)

14. Fixes: 10G iSCSI link up and down frequently when there is no connect cable on it. (ID: 1900277)

15. Fixes: Sometimes AD join might fail when the router has an incorrect DNS server address. (ID: 1900328)

16. Fixes: Sometimes SNMP notification might not deliver information when primary controller failure occurred. (ID: 1900276)

17. Fixes: Sometimes there might not be enough resource to handle when huge amount of complicated domain users were joined, and might cause EonOne be stuck. (ID: 1900177, 1900283)

18. Fixes: Sometimes the improper resource allocate might cause IO hang. (ID: 1900206)

19. Fixes: Sometimes it might not show the extended LUN on ESXi 6.5 when IQN alias

name includes capital letters. (ID: 1900208)

20. Fixes: Sometimes it might show incorrect display and unable to delete when trunking with 4 channels. (ID: 1800055)

21. Fixes: Sometimes IO might be stuck when using VMWare. (ID: 1800190)

22. Fixes: Sometime the system might hang when performing rolling upgrade. (ID: 1900113)

23. Fixes: Sometime the system might hang when reset controller. (ID: 1900225)

24. Fixes: Sometimes it might show the wrong event after the media scan task completed. (ID: 1900204)

25. Fixes: Sometimes controller might fail when huge amounts of SAS errors are reported in a short period. (ID: 1900163, 1900090).

26. Fixes: Sometimes it might show wrong usage of data service on target unit when performing remote replication task. (ID: 1900251)

Known Issues:

1. Sometimes AD join might fail when TLS is enabled on Linux-based AD server. (ID: 1900306)

Firmware 1.45S02 Release Note

Applicable products:

Binary File Name	FA145S02_280_IFT_ESGS.BIN
MD5 Checksum	6EE1A23B15A901F3F6015A51D9ED5DE7
Applicable Models	
GSi 5000 Series	GSi 5016G/ G1

Compatible Software Versions:

EonOne: 2.5.o.102

Important Notes:

None

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 GS share folder, I/O may be freezed unexpectedly. If you encounter this, please temporary switch to use block level iSCSI.

New features:

None

Enhancements:

None

Bugs fixes:

1. Fixes: Sometimes AD join might fail when TLS is enabled on Windows AD server. (ID: 1900327)

2. Fixes: Sometimes AD join might fail when the router has an incorrect DNS server address. (ID: 1900328)

3. Fixes an issue that sometimes there might not be enough resource to handle when huge amount of complicated domain users were joined, and might cause EonOne be stuck. (ID: 1900177).

Known Issues:

1. Sometimes AD join might fail when TLS is enabled on Linux-based AD server. (ID: 1900306)

Firmware 1.45F20Release Note

Applicable products:

Binary File Name	FA145F20_280_IFT_ESGS.BIN
MD5 Checksum	F15E0FF0C136678EF75AC3A0E424296D
Applicable Models	
GSi 5000 Series	GSi 5016 G/ G1

Compatible Software Versions:

Central EonOne: 2.5.o.12
NAS: 73.13.0-014

Important Notes:

None

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 datastore and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly.If you encounter this, please temporary switch to use block level iSCSI.

New features:

1. Object protocolin shared folders service supports Minio process. Object protocol cannot be chosen when using the rest of protocols because it might cause some problems when using object protocol and others at the same time.(ID: 51440, 51444)
2. Support Wasabi provider.(ID: 51201, 52067, 51203, 51204)
3. Support activate/deactivate feature for defragmentation. (ID:1900234)
4. Support 32Gb host board.

Enhancements:

1. Enhances SMB protocol of Mac OSX. (ID: 1800118).

2. Enhances iSCSI 40Gb read and write performance. (ID: 1900159).

3. Enhances AD join function. (ID: 42577, 49376)

4. Enhances Remote Replication function.(ID: 28470, 48134, 38636, 39359)

5. Adds pop-up message that"Online Initialization is ongoing, please wait until the Logical Drive initialization is completed" to remind users when they are creating multiple Logical Drive simultaneously. (ID:1900077)

6. Enhances event function when there are too many files are not yet uploaded to cloud. (ID: 53481)

Bugs fixes:

1. Fixes an issue that sometimes the NAS CPU usage shows high percentage without I/O. (ID: 1900168)

2. Fixes an issue that sometimes after removing user expiration, users still cannot loginto file explorer.(ID: 1900179)

3. Fixes an issue that sometimes the NFS service cannot work normally after replacing a controller.(ID: 1900195)

4. Fixes an issue that sometimes the process of updating user list might be stuck on file explorer when clicking "Update User List" button on EonOne without clicking the "Refresh" button on file explorer. (ID: 1900198)

5. Fixes an issue that sometimes cannot set ACL due to overwritten setting. (ID: 1900246)

6. Fixes an issue that FTP sometimes might be disconnected. (ID: 1900237)

7. Disabled TLS 1.0.(ID: 1900223)

8. Fixes an issue that sometimes when deleting SCSI ID might cause controller fail. (ID: 1900146)

9. Fixes an issue that sometimes the snapshot might not be able to mount when a middle snapshot was deleted.(ID: 1900231)

10. Fixes an issue that sometimes the snapshot might not be able to mount after rebooting when out of free space. (ID:1900241)

11. Fixes pool allocation problems when complexly adding Logical Drives. (ID: 1900238, 1900167)

12. Fixes NVRAM exports abnormally. (ID: 1900244)

13. Fixes Pool cannot expand after adding Logical Drive, and the usage space shows zero. (ID: 1900257)

14. Fixes file explorer sometimes cannot access NTFS format USB drive. (ID: 1900259)

15. Fixes costing CPU/disk IO resource or GUI cannot access when NAS check file system fragment status by adding activate/deactivate feature for defragmentation.

(ID:1900234)

16. Fixes an issue that sometimes USB disk cannot be detected correctly which might cause controllerhang up.(ID: 1900191)

17. Fixes GUI does not show S3 endpoint URL when VLAN is configured.(ID: 1900243)

18. Fixes an issue that sometimes when transferring SyncCloud to EonCloud might encounter compatibility problem. (ID: 1900194)

Firmware 1.44F17Release Note

Updated:Aug. 28, 2019

Applicable products:

Binary File Name	FA144F17_279_IFT_ESGS.BIN
MD5 Checksum	6AB4AAC4AEA68DAE6C67EBF9651038B9
Applicable Models	
GSi 5000 Series	GSi5016G / G1

Compatible Software Versions:

Central EonOne: 2.5.n.12
NAS: 73.12.0-34

Important Notes:

None.

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.

New features:

1. Support cloud provider: Google Cloud.
2. Unified password on GS model. (ID: 1800352).
3. Support case-insensitivity for AFP service. (ID: 51121).
4. Support Online Help. (ID: 52245).

Enhancements:

1. Enhances WORM Retention Period option to one year. (ID: 1900166).
2. Enhances Rsync function display. (ID: 1900118).
3. Enhances AFP setting. (ID: 1900111).
4. Enhances event logs. (ID: 1900133 and 1900109).

5. Enhances notification function. (ID: 50552).
6. Support bottom line as naming rule of Logical Volume. (ID: 1900096).

Bugs fixes:

1. Fixes an issue that sometimes thread resource would be depleted due to lots of large sized Read operation which might cause controller hang. (ID: 1800415 and 1800374).
2. Fixes an issue that sometimes Copy and Replace function might operate to wrong objective. (ID: 1900149).
3. Fixes interworking with BOSCH VMS. (ID: 1800358)
4. Fixes an issue that sometimes the controller might fail because the VASA function is disabled. (ID: 1900101 and 1900115).
5. Fixes an issue that sometimes when mapping the extending iSCSI ID without restart might cause controller failure. (ID: 1900155).
6. Fixes an issue that sometimes share folder's Quota cannot be set on EonOne. (ID: 1900150).
7. Fixes an issue that sometimes when driver reset the port of the FC chip to meet with time out but the chip doesn't respond correctly might cause controller failure.(ID: 1800407).

Known Issues:

1. When using VMWare mounting NFS as datastore and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly.If you encounter this, please temporary switch to use block level iSCSI.

Firmware 1.43F03Release Note

Updated:Jun. 26, 2019

Applicable products:

Binary File Name	FA143F03_278_IFT_ESGS.BIN
MD5 Checksum	7E4953975C389B1546E65C65DF4B9EE5
Applicable Models	
GSi 5000 Series	GSi5016G / G1

Compatible Software Versions:

Central EonOne: 2.5.m.50
NAS: 73.11.0-103

Important Notes:

None.

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.

New features:

1. Support OFED 4.5 on Infiniband. (ID: 1900052).
2. Support Tencent Cloud.

Enhancements:

1. Performance enhancement.
2. Enhances event log function. (ID: 1800158, 1800320, 1800372 and 41774).
3. Enhances Jumbo frame function.
4. Enhances Docker function.
5. Enhances display of service ID. (ID: 1900070).
6. Enhances NIS service. (ID: 1900021).

7. Enhances AD service. (ID: 1900021).

Bugs fixes:

1. Fixes an issue that using iSCSI 40G cable may lead to network connection unstable. (ID: 1800387).
2. Fixes an issue that sometimes when using Infiniband 56G host board might cause controller failure and firmware incompatible issue. (ID: 1800166, 1800332 and 1800408).
3. Fixes an issue that sometimes host IO abort might cause controller failure. (ID: 1900008).
4. Fixes an issue that sometimes Remote Replication task might not be successfully created even if the network diagnostic test passed. (ID: 1900046).
5. Fixes an issue that sometimes hostboard might not be detected when using the older version (142A21). (ID: 1900048).
6. Fixes an issue that some improper resource allocation might cause IO abort and cause controller failure. (ID: 1900082).
7. Fixes an issue that sometimes when using converged host board to create channel trunking might cause controller fail to do failover. (ID: 1900033).
8. Fixes an issue that sometimes NAS fail might cause failover and failback to fail. (ID: 1900083).
9. Fixes an issue that sometimes it might not be able to access the share folder when the LD is assigned to the secondary controller. (ID: 1900014).
10. Fixes an issue that sometimes setting advanced ACL might fail because EonOne timeout. (ID: 1900117).
11. Fixes an issue that sometimes customizing EonOne or central EonOne might fail. (ID: 47124).
12. Fixes an issue that sometimes the display shows the incorrect size of share folder on EonOne. (ID: 1900042).
13. Fixe an issue that sometimes infinite loop might cause controller fail. (ID: 1900116).

Known Issues:

1. When using VMWare mounting NFS as datastore and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly.If you encounter this, please temporary switch to use block level iSCSI.

Firmware 1.36U03Release Note

Updated:Feb15, 2019

Applicable products:

Binary File Name	FA136U03_264_IFT_ESGS.BIN
MD5 Checksum	36EB6E5F565743F7BE0747F8D57A8357
Applicable Models	
GSi 5000 Series	GSi5016G

Compatible Software Versions:

Central EonOne: 2.5.f.11

Important Notes:

None.

New features:

1. Added support one CPU.

Enhancements:

1. Verifiedfixed issue on firmware version 1.36L32 in this firmware version.
2. Enhanced Import/Export image function.

Bugs fixes:

1. Fixesan issue that sometimesthe controller might not change the fan speed when temperature changing on GPU. (ID:42617).
2. Fixes an issue that sometimes save Logical Volume setting on Docker might fail. (ID: 42261).

Known Issues:

1. When using VMWare mounting NFS as datastore and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly.If you encounter this, please temporary

switch to use block level iSCSI.

Firmware 1.36L20Release Note

Updated: Aug 29, 2018

Applicable products:

Binary File Name	FA136L20_264_IFT_ESGS.BIN
MD5 Checksum	AB9F21D2F104F824E5C23049AF8B41BA
Applicable Models	
GSi 5000 Series	GSi5016G

Compatible Software Versions:

Central EonOne: 2.5.f.05

Important Notes:

This is a initial release for GSi5016.

New features:

None.

Enhancements:

None.

Bugs fixes:

1. Fixesan issue that sometimes remote replication file-levelvolume mirror may be not correctly operated that caused target volume mount fails after source volume got disconnected. (ID:1800270).

Known Issues:

1. When using VMWare mounting NFS as datastore and create/migrate VMs into GS share folder, I/O may be freezed unexpectedly.If you encounter this, please temporary switch to use block level iSCSI.