



AREA DEI SERVIZI AI COMUNI  
 SETTORE DELLA INNOVAZIONE E DEI SERVIZI AI COMUNI  
 Via Milano n. 13 – 25100 BRESCIA

## SERVIZIO DI MANUTENZIONE STORAGE NETAPP FINO AL 31/12/2024” CIG Z06339A049

**NUMERO TRATTATIVA MEPA: 2891269**

### FAQ1

QUESITO	RISPOSTA
1. Si richiede di conoscere configurazione hardware degli apparati, indicati all’art. 1 del Capitolato (pag. 3).	Per una risposta completa, si veda l’allegato documento “configurazione hardware apparati”.
2. Si richiede di conoscere il sistema operativo presente negli storage, indicati all’art. 1 del Capitolato (pag. 3).	Le versioni di sistema attualmente presenti sugli storage sono: - per NetApp E2700: Firmware version:08.40.60.01 NVSRAM version: N2701-840834-D03  - per NetApp E2800: Firmware version: 08.62.00.00 NVSRAM version: N280X-862834-D06
3. Si richiede di sapere se il contratto di manutenzione deve essere stipulato con la casa madre NetApp o può essere erogato dall’affidatario rispettando le medesime caratteristiche e livelli di servizio.	il contratto di manutenzione deve essere stipulato con la casa madre NetApp.

Brescia, 28/10/2021

Allegato: “configurazione hardware apparati”

IL RESPONSABILE UNICO DEL PROCEDIMENTO  
 Dott. Daniele Muccio

## NetApp E2700

Drive type:

SAS\_DA Drive, 512 bytes, 10.02K RPM, 832.863 GB Show

Tray 1 (front)

[View Tray Components](#)



Tray 1 (back)



Tray 0 (front)

[View Tray Components](#)



Tray 2 (front)

[View Tray Components](#)



Find object in tree

- Storage Array eSeries01-Datacore2
  - All Logical Objects
  - SSD Cache
  - Volume **SSD cache used: 0, Non-Optimal: 0**
    - VolGrp1 (RAID 5) (11.386 TB)
      - vol1 (11.386 TB)
    - VolGrp2 (RAID 5) (11.386 TB)
      - vol2 (11.386 TB)
    - VolGrp3 (RAID 5) (11.386 TB)
      - vol3 (11.386 TB)
    - VolGrp4 (RAID 5) (13.034 TB)
      - vol4 (5,632.000 GB)
      - Free Capacity (7,715.760 GB)
  - Consistency Groups
  - Asynchronous Mirror Groups

### Volume Groups

Volume groups:

Name	Status	Usable Capacity	Used Capacity	Free Capacity	RAID Level	Drive/Media Type	Volumes	Secure Capable	DA Capable
VolGrp4	Optimal	13.034 TB	5,632.000 GB	7,715.760 GB	5	Serial Attached SCSI (SAS), Hard Dis...	1	No	Yes
VolGrp1	Optimal	11.386 TB	11.386 TB	0.000 MB	5	Serial Attached SCSI (SAS), Hard Dis...	1	No	Yes
VolGrp2	Optimal	11.386 TB	11.386 TB	0.000 MB	5	Serial Attached SCSI (SAS), Hard Dis...	1	No	Yes
VolGrp3	Optimal	11.386 TB	11.386 TB	0.000 MB	5	Serial Attached SCSI (SAS), Hard Dis...	1	No	Yes

Total Volume Groups: 4  
 Total Capacity: 47.195 TB Usable, 39.660 TB Used  
 Total Free Capacity: 7,715.760 GB  
 Status: 4 Optimal, 0 Non Optimal

#### Monitor

Storage Array status is optimal  
 No Operations in Progress

Management Software Version: 11.40.0G00.0026  
 Controller Firmware Version: 08.40.60.01

[View Firmware Inventory](#)  
[View Storage Array Profile](#)  
[View Event Log](#)  
[Collect Support Data Manually](#)

#### Capacity

Total Capacity: 47.195 TB

Unconfigured: 0.000 MB  
 Free: 7,715.760 GB [Create Volume](#)  
 Configured: 39.660 TB

#### Storage & Copy Services

Disk Pools / Volumes on Disk Pools: 0 / 0

Volume Groups: 4  
 RAID 5 Volume Groups / Volumes: 4 / 4

Standard Volumes (Used/Allowed): 4 / 512  
 Base: 4  
 Repository: 0

Thin Volumes (Used/Allowed): 0 / 512

Volume Copies: 0

Snapshot Elements  
 Snapshot Groups: 0  
 Snapshot Images: 0  
 Snapshot Volumes: 0

Consistency Groups: 0  
 Member Volumes: 0

Asynchronous Mirroring  
 Mirror Groups: 0  
 Mirrored Pairs: 0

Synchronous Mirrored Pairs: 0

#### Host Mappings

Storage Partitions (Used/Allowed): 1/128

Host Groups: 0

Configured Hosts: 1

[Host-to-Volume Mappings](#): 6

Mapped Volumes: 5  
 Total Mappable Volumes: 5

#### Premium Features

Trials Available: 0  
 Trials Active: 0  
 Enabled: 0  
 Disabled: 1

[Manage Premium Features](#)

#### Hardware

Controllers: 2  
 Trays: 3

Drives: 62  
 Assigned: 58  
 Unassigned: 0

Media Type  
 HDD: 62  
 Interface Type  
 SAS: 62

Hot Spare Drives: 4  
 In-use: 0  
 Standby: 4

#### Information Center

[Online Help](#)  
[Storage Concepts Tutorial](#)  
[Planning Your Configuration](#)  
[Configuring Your Storage Array](#)  
[Essential Terms to Know](#)

# NetApp E2800

**Storage**  
**Hardware**  
**Settings**  
**Support**

**HARDWARE**  
[Learn More >](#)

Show drives that are...  
Any drive type | Anywhere in the storage array

Legend  Show status icon details

Controller Shelf 99                                               

SANtricity® System Manager eSeries01-Datacore1

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**HARDWARE**

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Show drives that are...

Any drive type Anywhere in the storage array

Legend  Show status icon details

Controller Shelf 99

Controller A Controller B

PowerFan Canister 1 PowerFan Canister 2

Drive Shelf 00

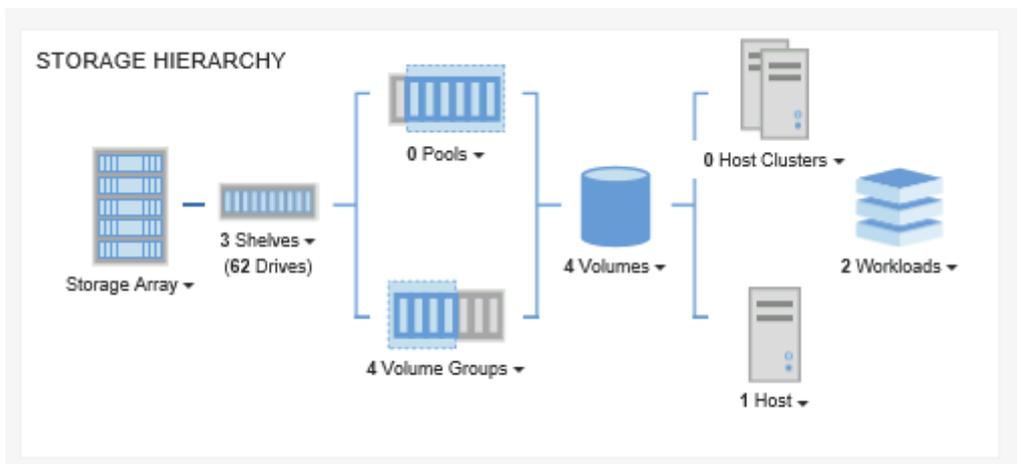
IOM (ESM) A IOM (ESM) B

PowerFan Canister 1 PowerFan Canister 2

Drive Shelf 01

IOM (ESM) A IOM (ESM) B

PowerFan Canister 1 PowerFan Canister 2



Show drives that are...

Any drive type

Any drive type (62)

1117.31 GiB	10500 RPM	(1)
1112.31 GiB	10500 RPM	(13)
837.86 GiB	10520 RPM	(24)
837.86 GiB	10500 RPM	(24)

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