NetApp®

Installation and Setup Instructions
FAS2552 Systems

Prepare for Installation

1

2

Install Hardware

3

Cable Storage

4

Complete System Setup

5

Complete Configuration

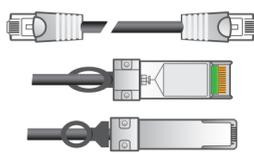www.netapp.com

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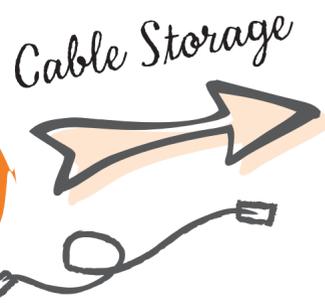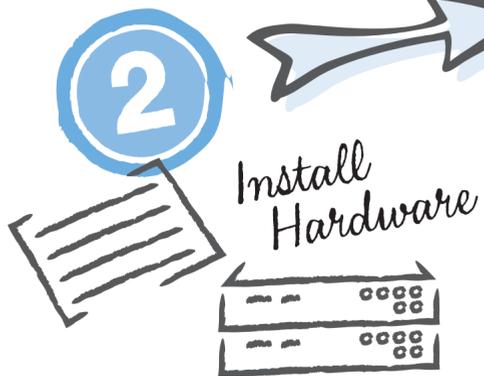
1 ## Prepare for installation

① ② ③ ④ ⑤

In the box:

Configuration worksheet

Starter network, storage, and 10 GbE cables

Power cables

Serial cable not needed for this configuration

You provide:

Screwdriver

Rack space - 2U

Additional network cables
For connecting your storage to your network switch and Microsoft® Windows® client

Microsoft Windows client
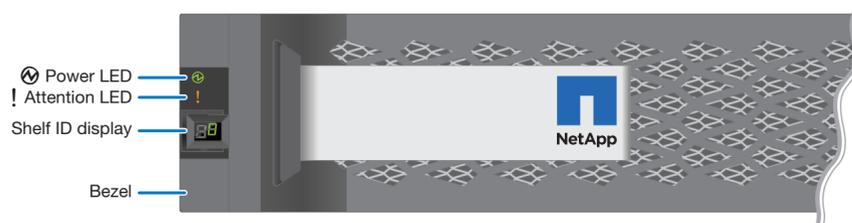Runs the software to configure your storage system

Download:

NetApp

- **System Setup Software:** http://support.netapp.com/NOW/public/system_setup/
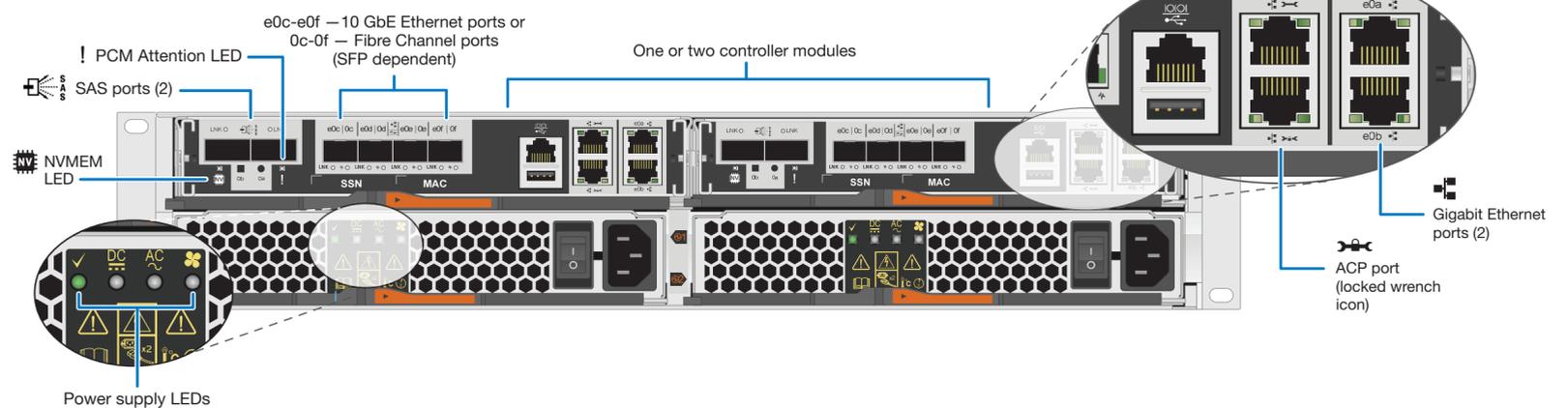- **OnCommand System Manager:** http://support.netapp.com/NOW/cgi-bin/software/

FRONT VIEW OF SYSTEM

Power LED
Attention LED
Shelf ID display
Bezel

BACK VIEW OF SYSTEM

PCM Attention LED
SAS ports (2)
NVMEM LED
e0c-e0f — 10 GbE Ethernet ports or 0c-0f — Fibre Channel ports (SFP dependent)
One or two controller modules
Console port (Setting: 9600 N-8-1)
Remote/Node Management port (wrench icon)
Gigabit Ethernet ports (2)
ACP port (locked wrench icon)
Power supply LEDs

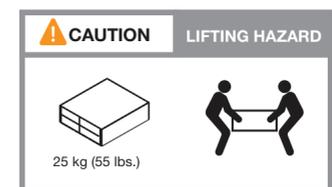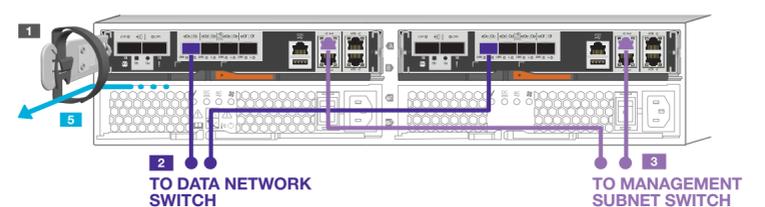## 1 Install system

- Rack the system.
  Rail kit: follow instructions in rail kit. **OR** **System cabinet:** install in system cabinet.
- Place the bezel over the front of the system.
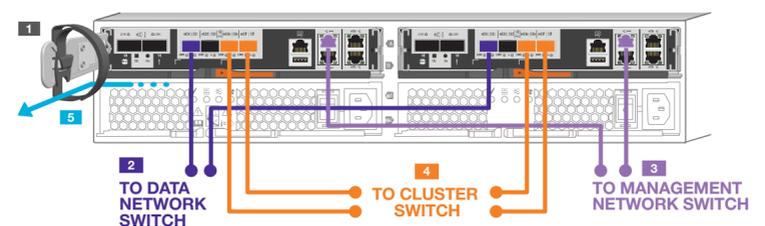
⚠ CAUTION | LIFTING HAZARD
25 kg (55 lbs.)

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2 Cable controller for 7-Mode Data ONTAP (option A), switched clustered Data ONTAP (option B) or for switchless clustered Data ONTAP (option C)

1 Attach cable management arms.

2 10 GbE cables
Connect port e0c to the data switch.
NOTE: Port e0c is required; other ports are available if needed.

3 Network cables
Connect the wrench port to the management or subnet switch.

B4 10 GbE cables
For option B only
Connect port e0e|0e and port e0f|0f to the cluster switch.

C4 10 GbE cables
For option C only
Connect port e0e|0e to port e0e|0e and e0f|0f to e0f|0f.
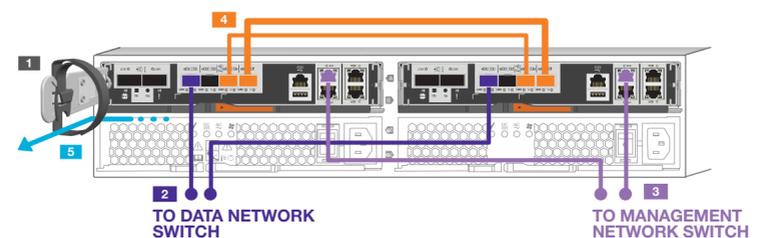
5 Strap the cables to the cable management arms.

See your network administrator for help connecting to your switch.

A 7-Mode
TO DATA NETWORK SWITCH
TO MANAGEMENT SUBNET SWITCH

B Switched clustered Data ONTAP
TO DATA NETWORK SWITCH
TO CLUSTER SWITCH
TO MANAGEMENT NETWORK SWITCH

C Switchless clustered Data ONTAP
TO DATA NETWORK SWITCH
TO MANAGEMENT NETWORK SWITCH

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3 Connect both power cords

Power cords
Use retaining clips   Use retaining clips
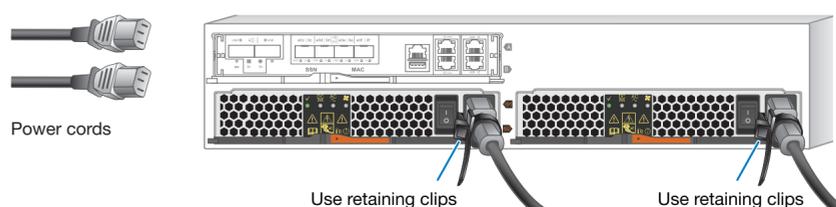
Both power cords MUST be used for all units.

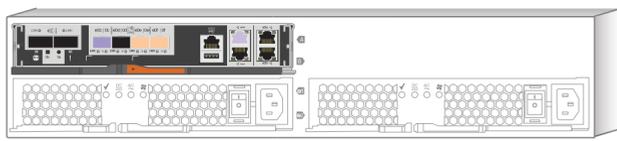**❗ DO NOT power on system at this point.**

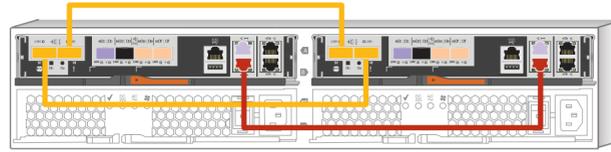# 3 Cable storage (Choose option A, B, or C below)

A Cabling FAS2552 systems with NO external storage

No additional cabling required for a single controller.
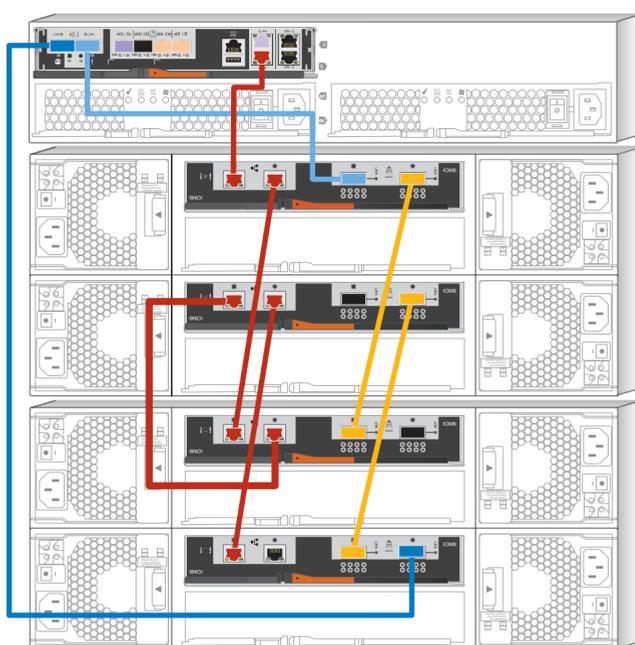
Single controller model

Double controller model

1 Storage cables
Connect SAS ports

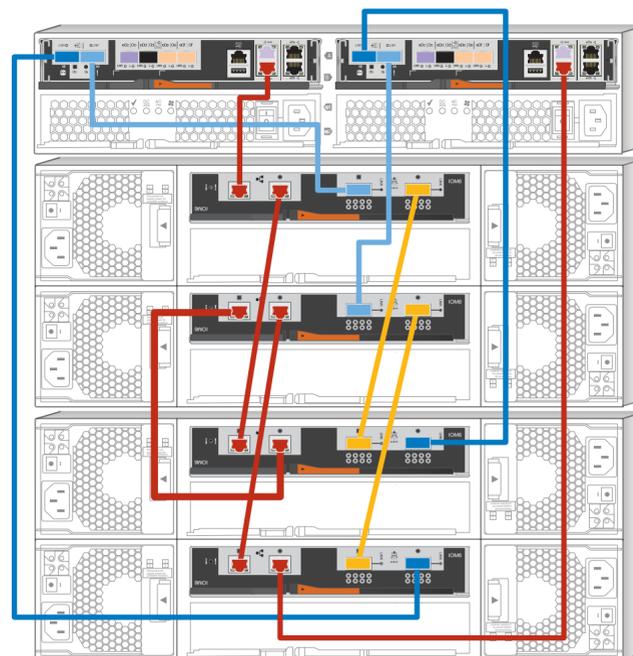**2** Network cables
Connect ACP ports

⛔ **STOP HERE.** If you have NO external storage, skip to **④**.

B Cabling FAS2552 systems WITH external storage DS4246 disk shelves
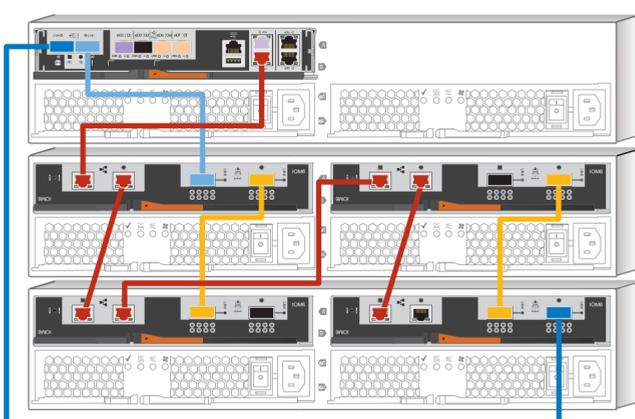
Single controller model

Double controller model

1 2 3 Storage cables
1 Daisy chain SAS ports
2 Connect first SAS ports
3 Connect last SAS ports

4 Network cables
Connect ACP ports
on controllers
to the disk shelves

C Cabling FAS2552 systems WITH external storage DS2246 disk shelves

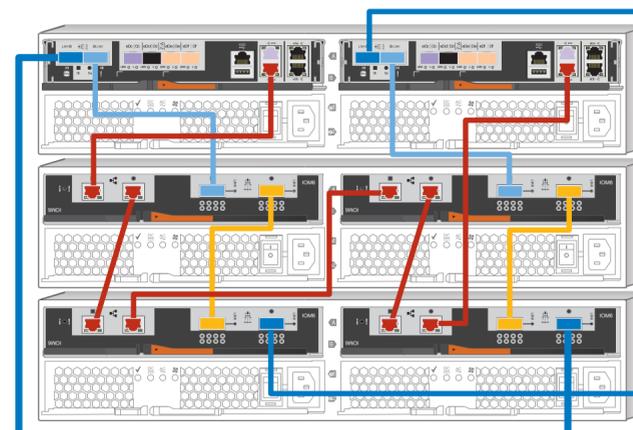Single controller model

Double controller model

1 2 3 Storage cables
1 Daisy chain SAS ports
2 Connect first SAS ports
3 Connect last SAS ports

4 Network cables
Connect ACP ports
on controllers
to the disk shelves

For additional configurations, see HELPFUL LINKS.

④ Complete System Setup
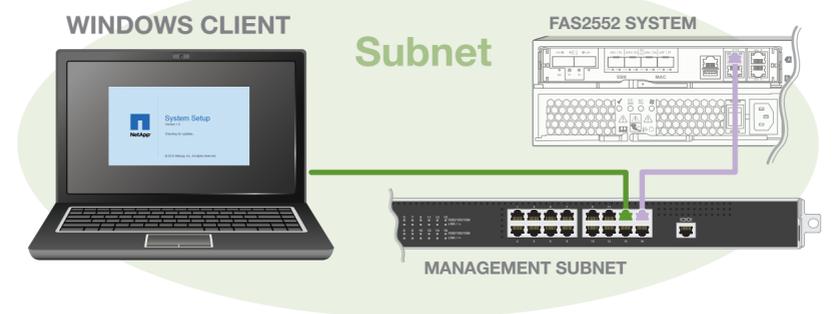
1 2 3 ④ 5

1 **Complete configuration worksheet**

Available in the box or at http://support.netapp.com/NOW/public/system_setup/

2 **Cable Windows client to the same network as your controllers**

3 **Power on all external storage ONLY**

WINDOWS CLIENT   **Subnet**   FAS2552 SYSTEM

MANAGEMENT SUBNET

4 **Install System Setup* software on the Windows client**

5 **Start System Setup software**

- [Discover] the system.
- When directed, power on your system (or repower).
- Wait for discover to complete. 🕐 Up to 8 minutes.
- Enter the values from the configuration worksheet into System Setup.*

Both power supplies
MUST be powered on.

*If you cannot use System Setup, see the Data ONTAP Software Setup Guide

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⑤ Complete configuration

1 2 3 4 ⑤

1 **Register at support.netapp.com**

- Create an account.
- Register your system.
- Get your license keys.

NetApp Support - Windows Internet Explorer
http://support.netapp.com/
File Edit View Favorites Tools Help
Google   Search ▾ Share Mo
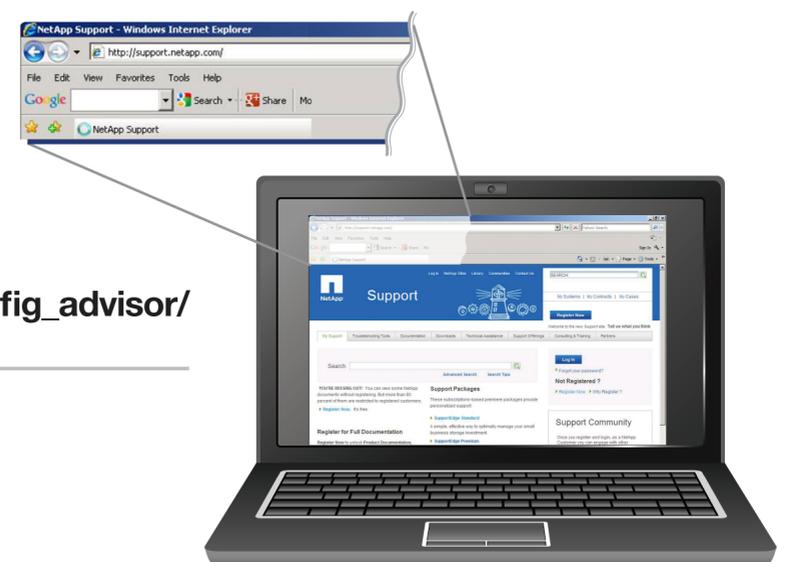NetApp Support

Support

2 **Download and run Config Advisor**

From http://support.netapp.com/NOW/download/tools/config_advisor/

3 **Download OnCommand System Manager**

From http://support.netapp.com/NOW/cgi-bin/software/

- Provision more storage.
- Configure other protocols, data protection, and AutoSupport.
- Set up Service Processor and Remote Support Agent.

HELPFUL LINKS
Visit the NetApp web site for more information.

NetApp
support site

- **System Setup information:** http://support.netapp.com/NOW/public/system_setup/
- **Controller and configuration examples; Universal SAS and ACP Cabling Guide:** https://library.netapp.com/ecm/ecm_download_file/ECMM1280392
- **OnCommand System Manager documentation set:** http://support.netapp.com/documentation/productlibrary/index.html?productID=61372
- **Data ONTAP 8 library:** http://support.netapp.com/documentation/productlibrary/index.html?productID=30092
- **Licenses:** http://support.netapp.com/eservice/agree.do?moduleName=PROTOCOL