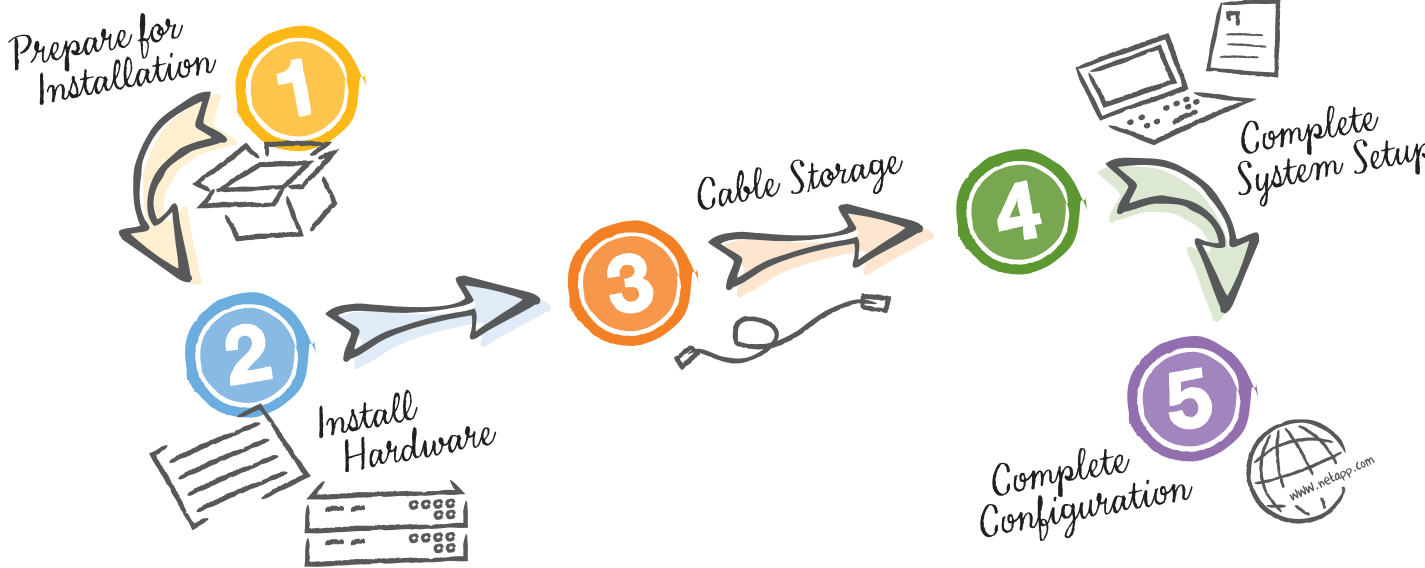




# Installation and Setup Instructions

## FAS2552 Systems



# 1

## Prepare for installation

1

2

3

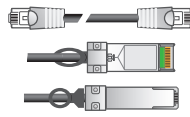
4



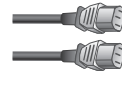
In the box:



Configuration worksheet



Starter network, storage, and 10 GbE cables



Power cables



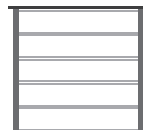
Serial cable not needed for this configuration



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

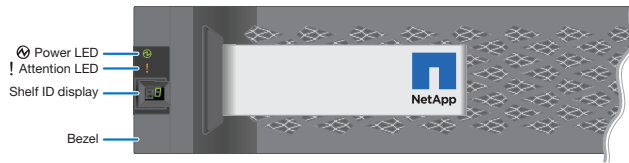


Download:

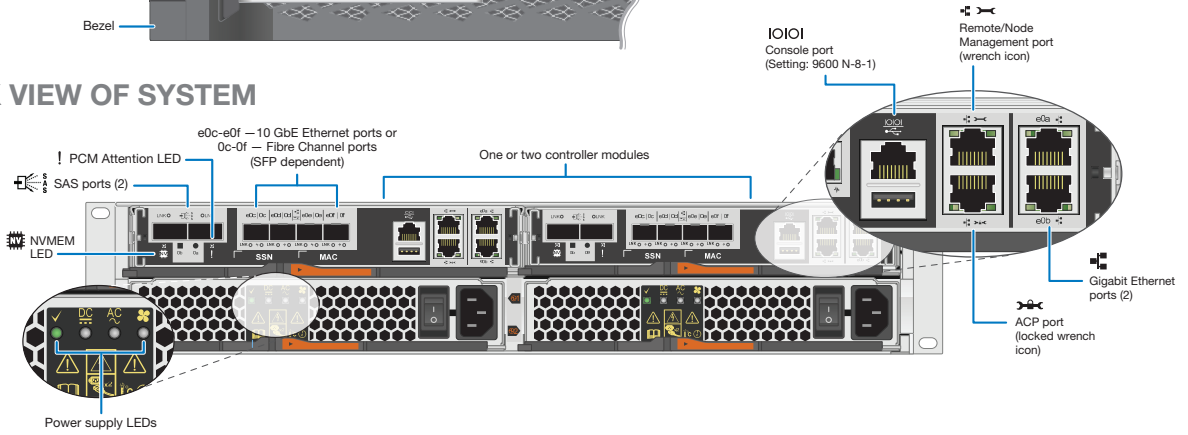


- System Setup Software: [http://support.netapp.com/NOW/public/system\\_setup/](http://support.netapp.com/NOW/public/system_setup/)
- OnCommand System Manager: <http://support.netapp.com/NOW/cgi-bin/software/>

## FRONT VIEW OF SYSTEM

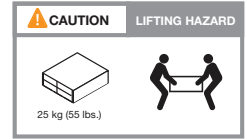


## BACK VIEW OF SYSTEM



### 1 Install system

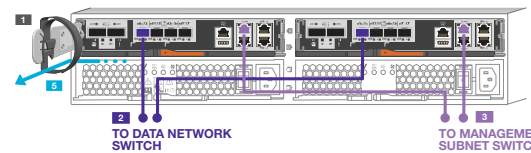
- Rack the system.
  - Rail kit:** follow instructions in rail kit. **OR System cabinet:** install in system cabinet.
- Place the bezel over the front of the system.



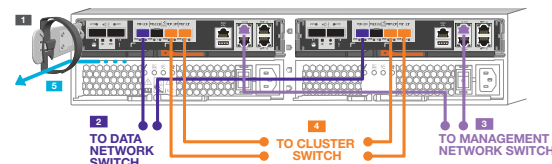
### 2 Cable controller for 7-Mode Data ONTAP (option A), switched clustered Data ONTAP (option B) or for switchless clustered Data ONTAP (option C)

- Attach cable management arms.
- 10 GbE cables  
Connect port e0c to the data switch.  
NOTE: Port e0c is required; other ports are available if needed.
- Network cables  
Connect the wrench port to the management or subnet switch.
- 10 GbE cables  
**For option B only**  
Connect port e0e|0e and port e0f|0f to the cluster switch.
- 10 GbE cables  
**For option C only**  
Connect port e0e|0e to port e0e|0e and e0f|0f to e0f|0f.
- Strap the cables to the cable management arms.

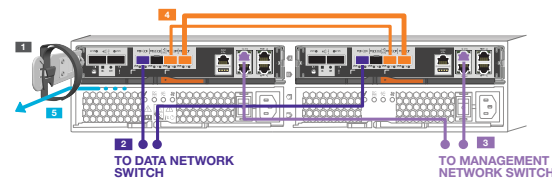
#### A 7-Mode



#### B Switched clustered Data ONTAP

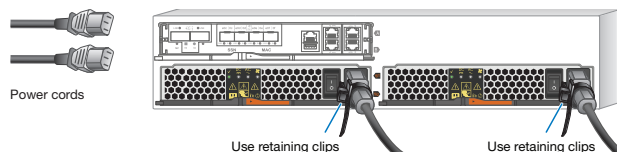


#### C Switchless clustered Data ONTAP



See your network administrator for help connecting to your switch.

### 3 Connect both power cords



Both power cords **MUST** be used for all units.

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

# 3

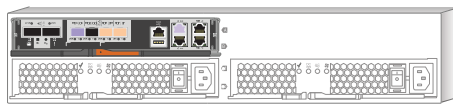
## Cable storage (Choose option A, B, or C below)



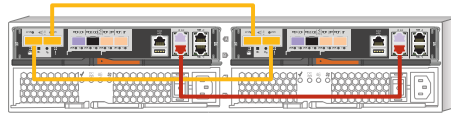
### A

#### Cabling FAS2552 systems with NO external storage

No additional cabling required for a single controller.



Single controller model



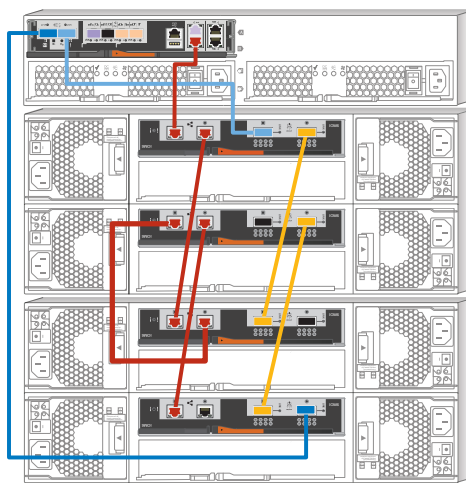
Double controller model

- 1 Storage cables  
Connect SAS ports
- 2 Network cables  
Connect ACP ports

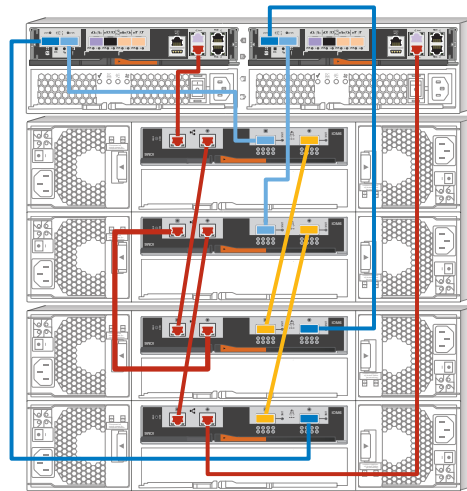
**!** STOP HERE. If you have **NO** external storage, skip to **4**.

### B

#### Cabling FAS2552 systems WITH external storage DS4246 disk shelves



Single controller model

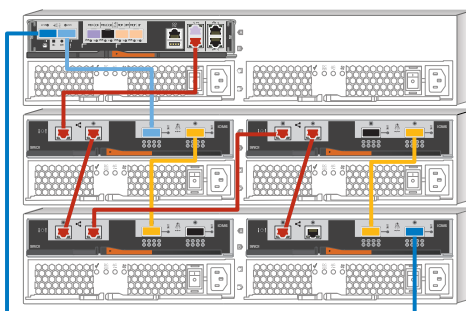


Double controller model

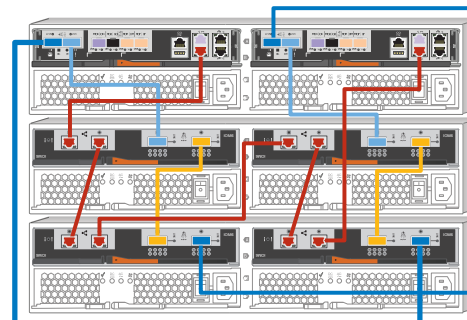
- 1 2 3 Storage cables  
1 Daisy chain SAS ports  
2 Connect first SAS ports  
3 Connect last SAS ports
- 4 Network cables  
Connect ACP ports on controllers to the disk shelves

### 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

# 4

## Complete System Setup



### 1 Complete configuration worksheet

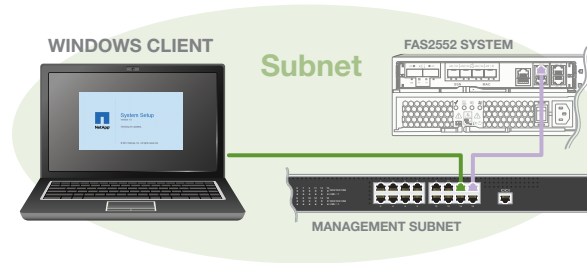
Available in the box or at [http://support.netapp.com/NOW/public/system\\_setup/](http://support.netapp.com/NOW/public/system_setup/)



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

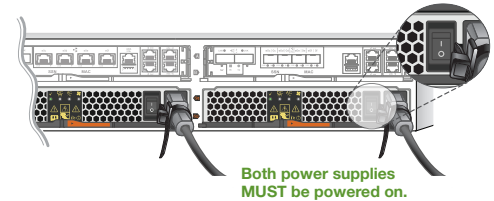
### 3 Power on all external storage ONLY

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



### 5 Start System Setup software

- 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.\*



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

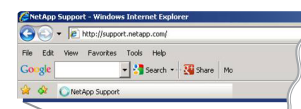
# 5

## Complete configuration



### 1 Register at support.netapp.com

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



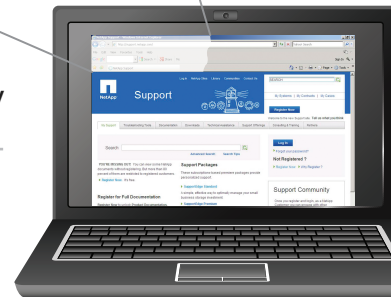
### 2 Download and run Config Advisor

From [http://support.netapp.com/NOW/download/tools/config\\_advisor/](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.



- **System Setup information:** [http://support.netapp.com/NOW/public/system\\_setup/](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](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>