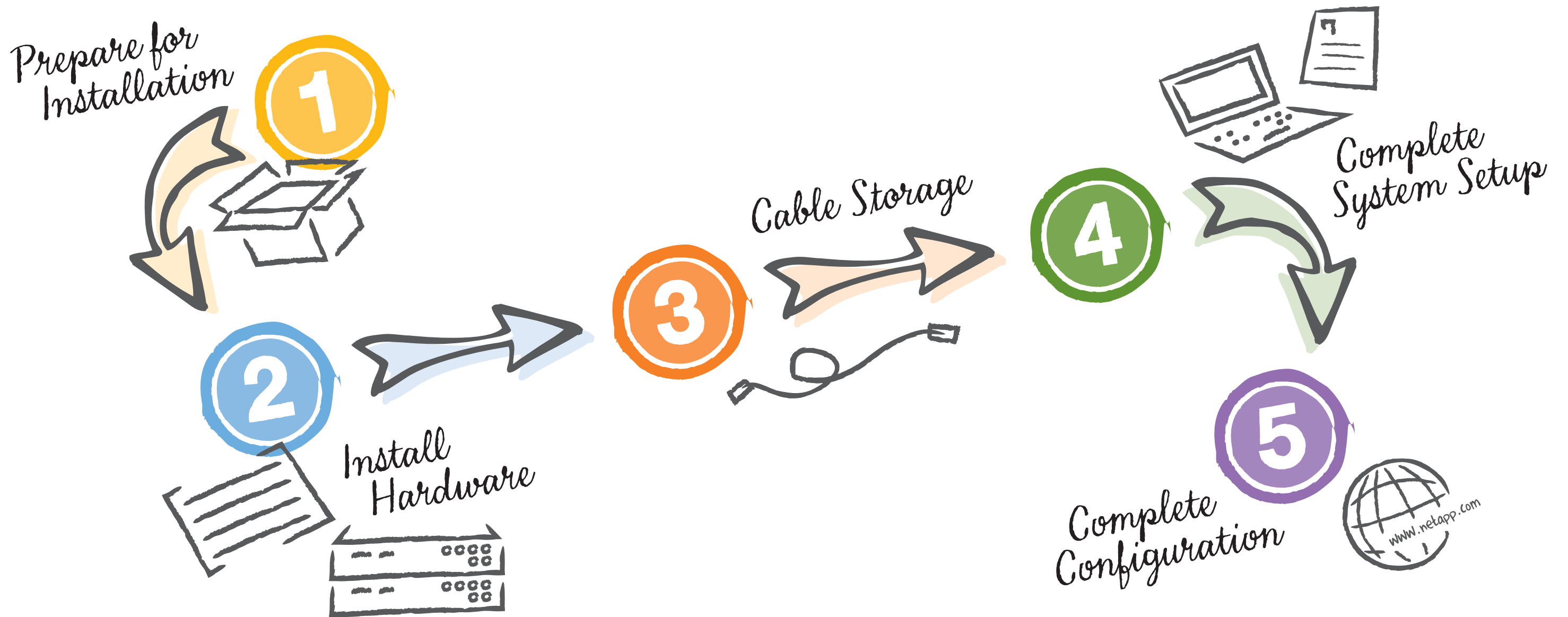




# Installation and Setup Instructions

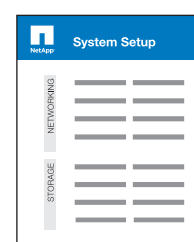
## FAS2520 Systems



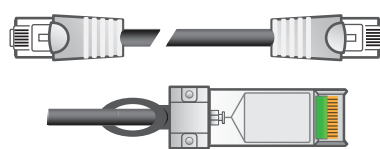
### 1 Prepare for installation



In the box:



Configuration worksheet



Starter network and storage cables



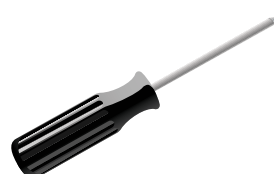
Power cables



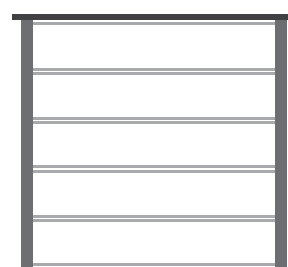
Serial cable not needed for this configuration



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:

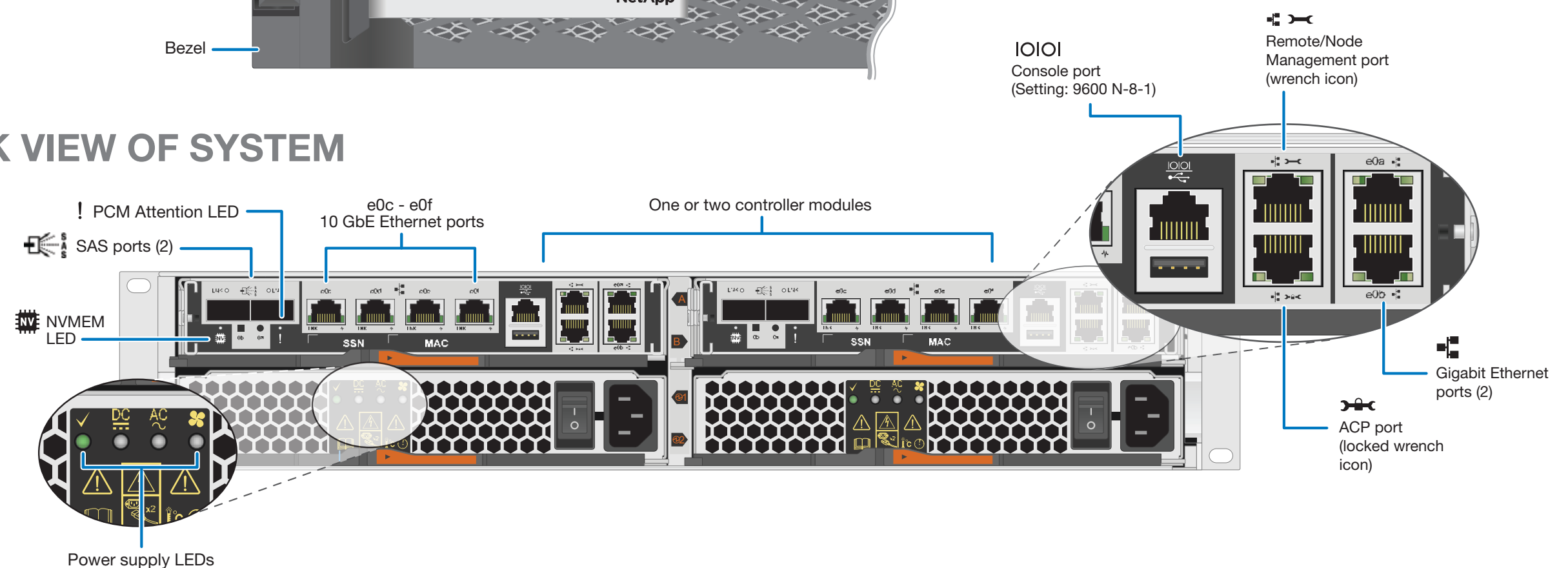


- **System Setup Software:** [http://support.netapp.com/NOW/public/system\\_setup/](http://support.netapp.com/NOW/public/system_setup/)
- **OnCommand System Manager:** <http://support.netapp.com/NOW/cgi-bin/software/>

## FRONT VIEW OF SYSTEM

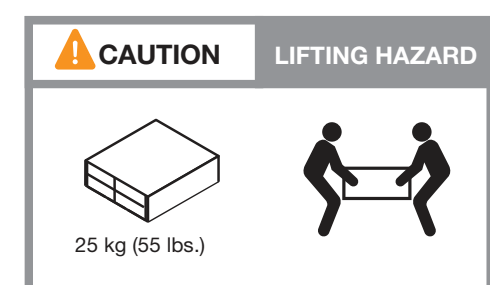


## BACK VIEW OF SYSTEM



## 1 Install system

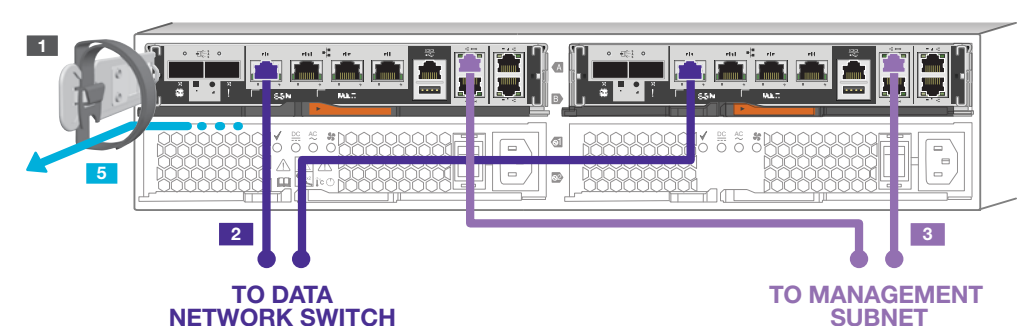
- Rack the system.  
**Rail kit:** follow instructions in rail kit. **OR System cabinet:** install in system cabinet.
- Place the bezel over the front of the system.



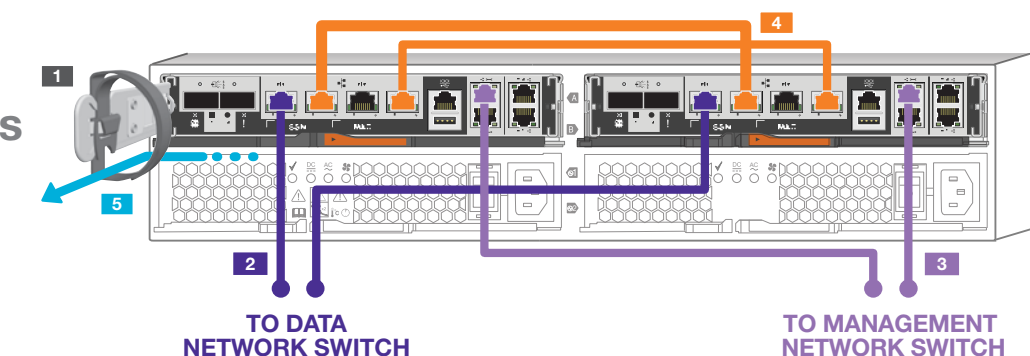
## 2 Cable controller for 7-Mode Data ONTAP or for switchless clustered Data ONTAP

- Attach cable management arms.
- Network 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.
- B4** **For option B only** Network cables  
Connect port e0d to port e0d and e0f to e0f
- Strap the cables to the cable management arms.

## A 7-Mode



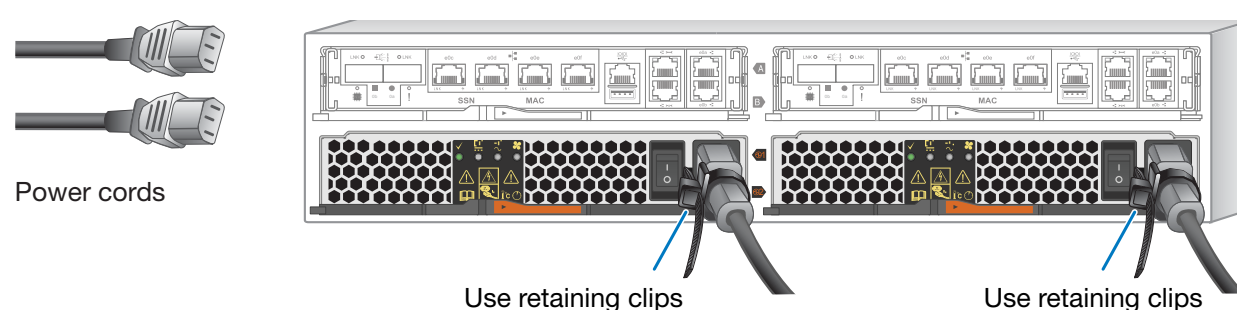
## B 10GbE switchless cluster



If you are converting from a switchless to a switched configuration, see the appropriate migration manual in the Cluster Management and Interconnect Switches library on the NetApp Support Site.

See your network administrator for help connecting to your switch.

## 3 Connect both power cords



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

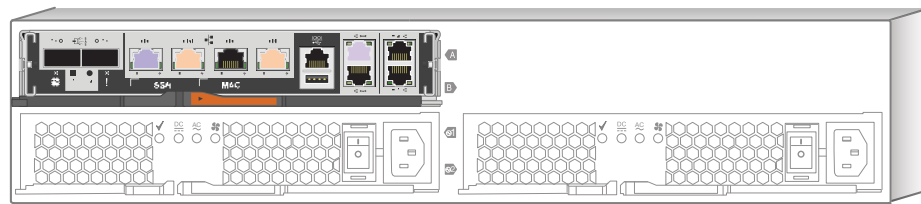
**DO NOT** power on system at this point.



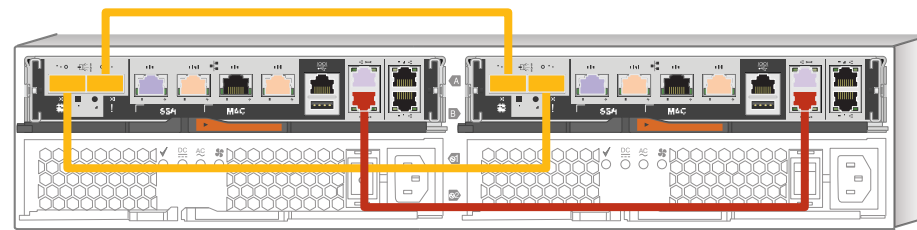
A

Cabling FAS2520 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

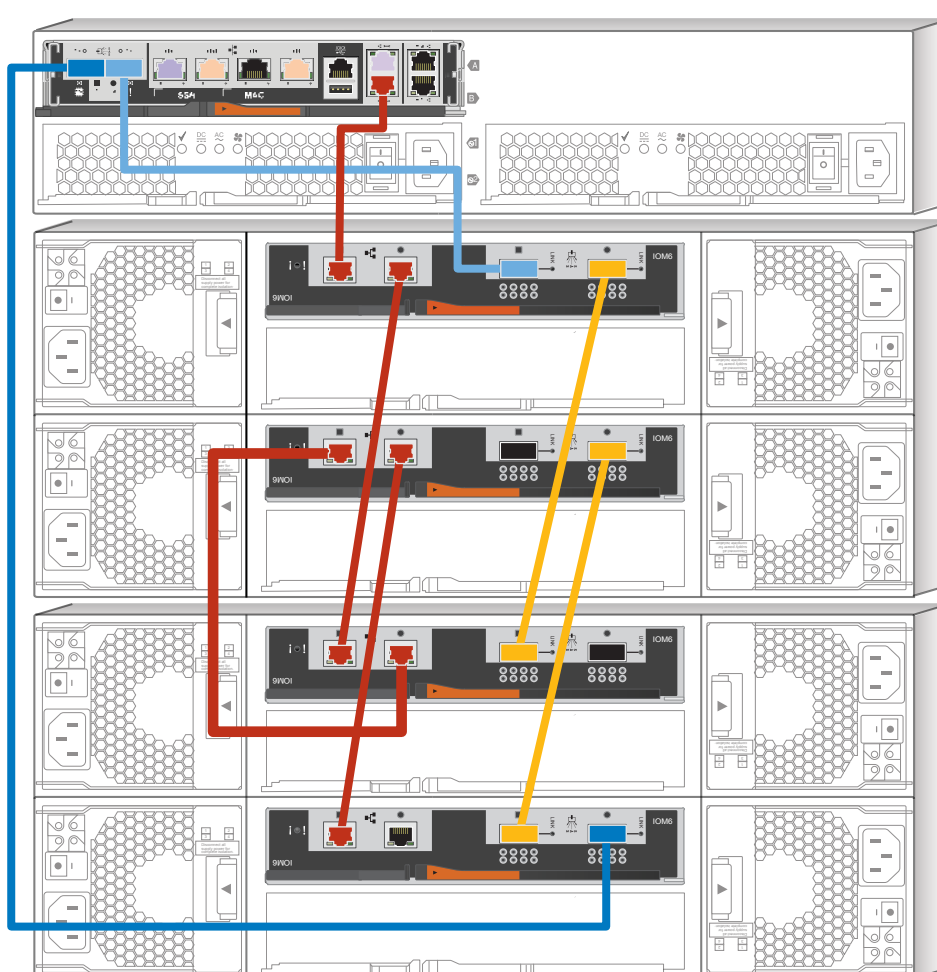
2

Network cables

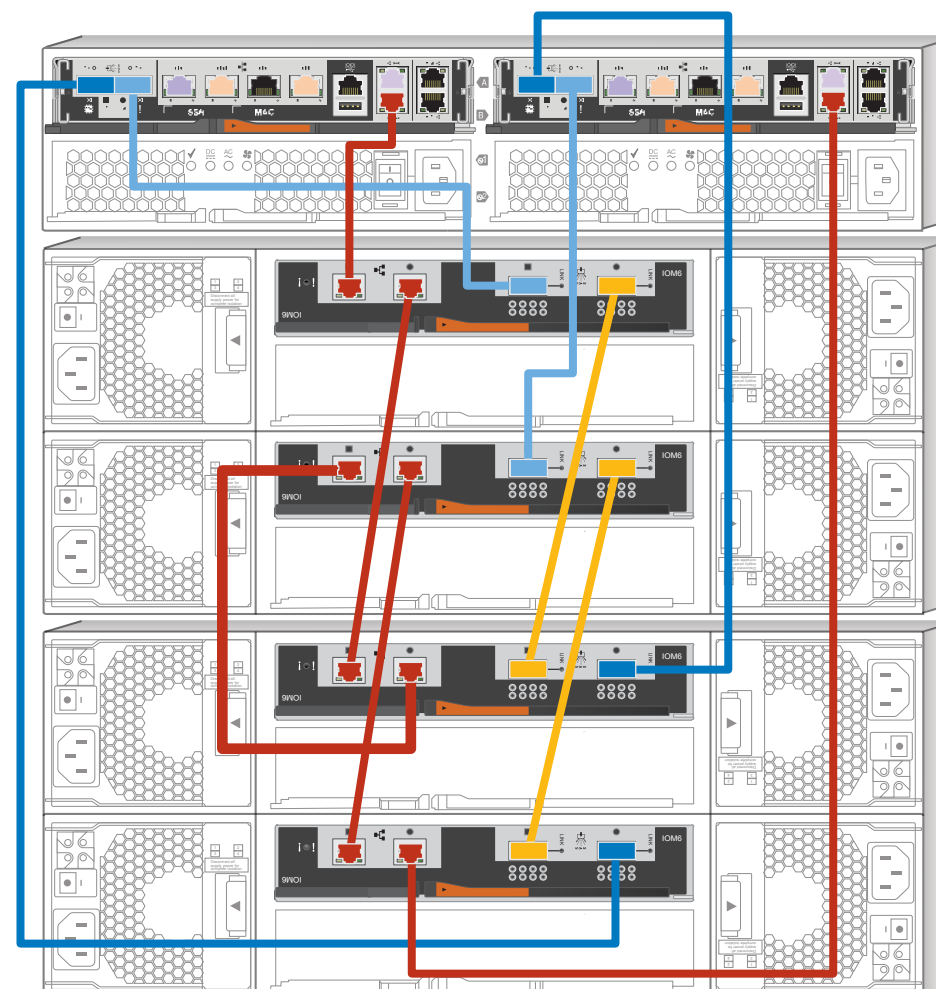
Connect ACP ports

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

B

Cabling FAS2520 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

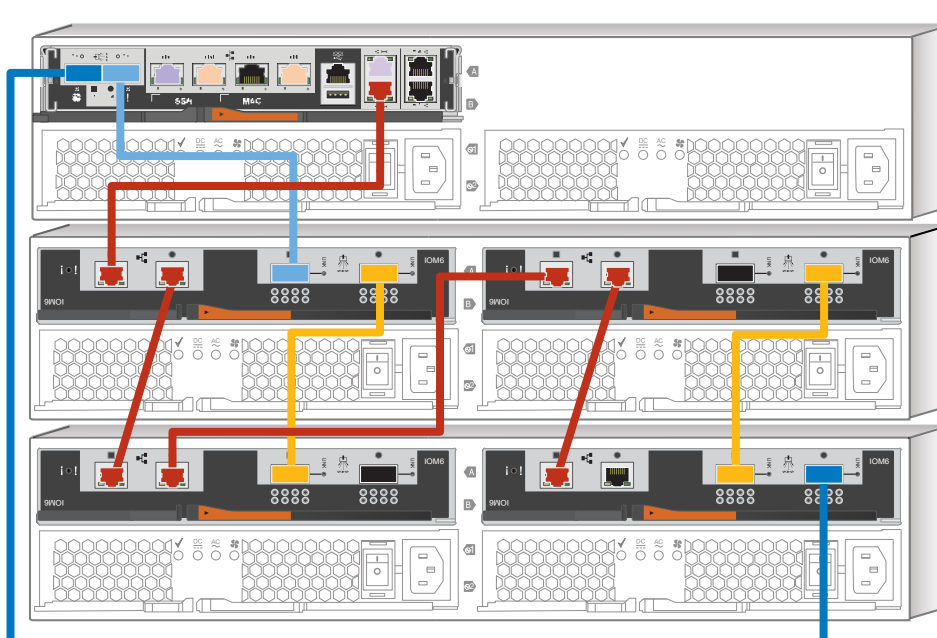
3 Connect last SAS ports

4

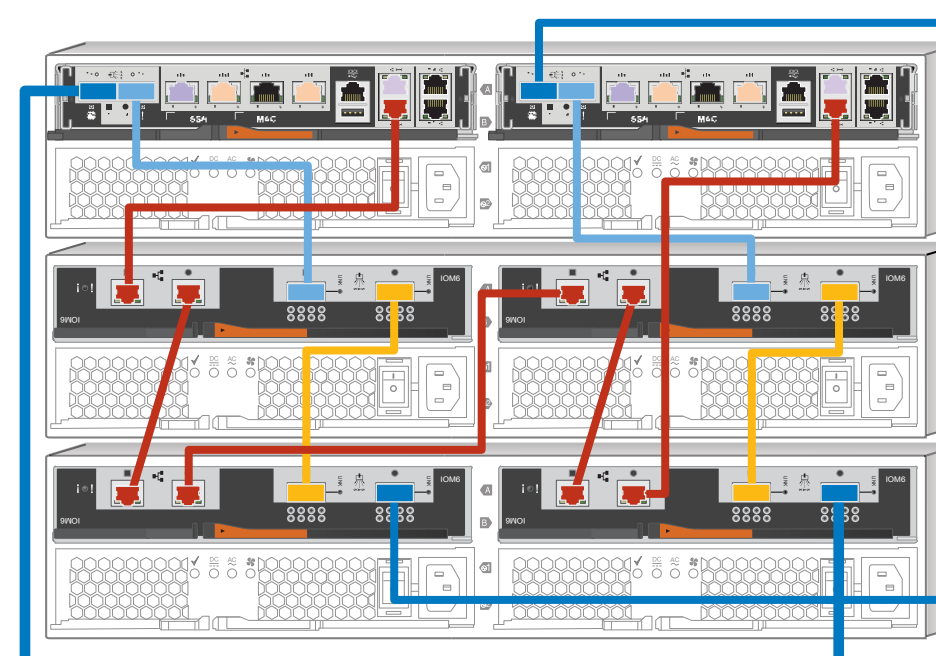
Network cables

Connect ACP ports  
on controllers  
to the disk shelves

C

Cabling FAS2520 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

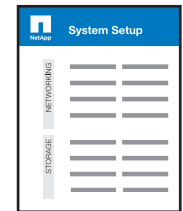
4

Network cables

Connect ACP ports  
on controllers  
to the disk shelves

## 1 Complete configuration worksheet

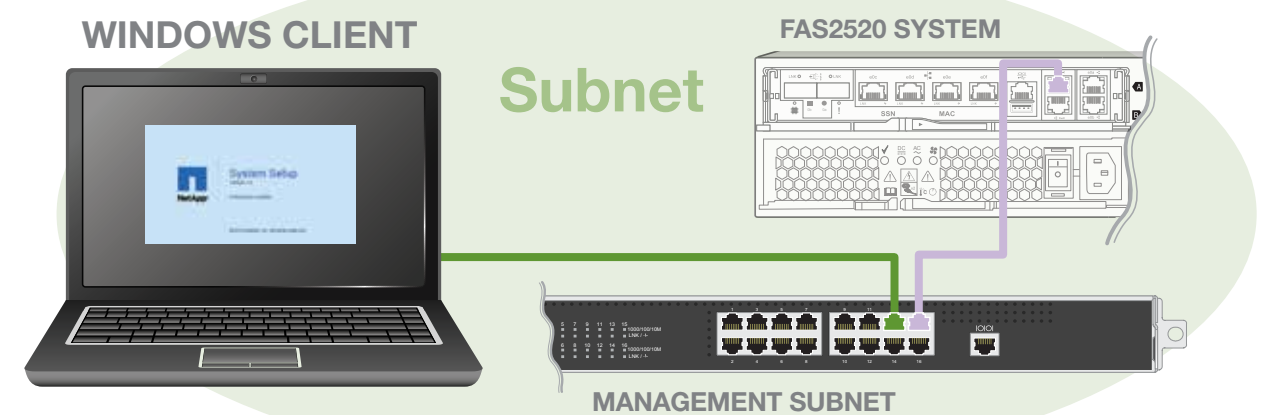
Available in the box or at [http://support.netapp.com/NOW/public/system\\_setup/](http://support.netapp.com/NOW/public/system_setup/)



## 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 Guide

## 1 Register at support.netapp.com

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

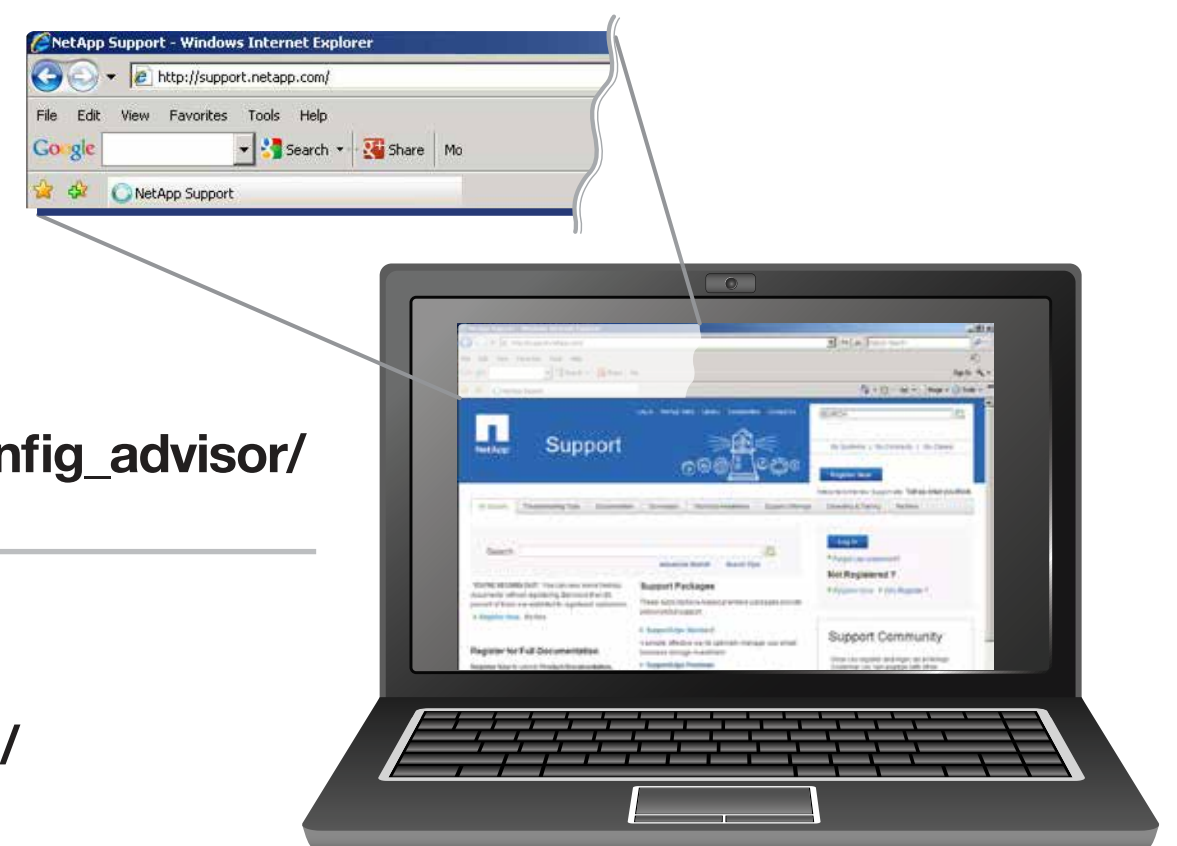
## 2 Download and run Config Advisor

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](http://support.netapp.com) 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>
- **Licenses:** <http://support.netapp.com/eservice/agree.do?moduleName=PROTOCOL>