Installation and Setup Instructions
FAS2552 Systems

Prepare for installation

1. **Prepare for Installation**

2. **Install Hardware**

3. **Cable Storage**

4. **Complete System Setup**

5. **Complete Configuration**

### 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
- Microsoft Windows client
  - For connecting your storage to your network switch and Microsoft® Windows® client
  - Runs the software to configure your storage system

### Download:
- OnCommand System Manager: [http://support.netapp.com/NOW/cgi-bin/software/](http://support.netapp.com/NOW/cgi-bin/software/)
2 Install hardware

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)
   - **A 7-Mode**
     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.
   - **B Switched clustered Data ONTAP**
   - **C Switchless clustered Data ONTAP**

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

### B

**Cabling FAS2552 systems WITH external storage**

**DS4246 disk shelves**

- Connect ACP ports
- Daisy chain SAS ports
- Connect first SAS ports
- Connect last SAS ports

### C

**Cabling FAS2552 systems WITH external storage**

**DS2246 disk shelves**

- Connect ACP ports
- Daisy chain SAS ports
- Connect first SAS ports
- Connect last SAS ports

STOP HERE. If you have NO external storage, skip to 4.
4 Complete System Setup

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

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.*

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

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/

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/
- Controller and configuration examples; Universal SAS and ACP Cabling Guide: https://library.netapp.com/ecm/ecm_download_file/ECMM1280392
- Licenses: http://support.netapp.com/eservice/agree.do?moduleName=PROTOCOL