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
   - 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/
- Data ONTAP 8 Library: http://support.netapp.com/documentation/productlibrary/index.html?productID=30092
- Licenses: http://support.netapp.com/eservice/agree.do?moduleName=PROTOCOL

CAUTION
Disconnect all supply power for complete isolation.

Recommended Hardware Configuration
- 4Gbit/s, 10Gbit/s, or 100Gbit/s connectivity
- All four power supplies MUST be powered on.

MS Windows Client
- Runs the software to configure your storage system
- Starter network, storage, and 10 GbE cables
- Rack space - 4U
- 4-port 10GbaseT switch
- Additional network cables for connecting your storage to your network switch and Microsoft® Windows® client

Download:
- System Setup Software: http://support.netapp.com/NOW/public/system_setup/
- OnCommand System Manager: http://support.netapp.com/NOW/cgi-bin/software/
- Help Center: http://support.netapp.com/support?
1. **Install system**
   - Rack the system.
   - Rail kit: follow instructions in the rail kit. OR System cabinet: install in the 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.**
   - **Connect SAS ports to the data switch.**
   - **Connect the cable to the management or subnet switch.**
   - **Connect the first SAS ports to the management switch.**
   - **Connect the cables to the cable management arms.**

3. **Connect four power cords**
   - **All four power cords MUST be used for all units.**
   - **DO NOT power on the system at this point.**

4. **Cable storage (Choose option A, B, or C below)**
   - **Cabling FAS2554 systems with NO external storage**
     - **Connect SAS ports**
     - **Connect ACP ports**
   - **Cabling FAS2554 systems WITH external storage DS424x disk shelves**
     - **Connect SAS ports**
     - **Connect ACP ports**
   - **Cabling FAS2554 systems WITH external storage DS2246 disk shelves**
     - **Connect SAS ports**
     - **Connect ACP ports**

**Notes:**
- For additional configurations, see HELPFUL LINKS.
- If you have NO external storage, skip to 4.
2 Install hardware

1 Install system
   - Rack the system.
   - Rail kit: follow instructions in the rail kit. OR System cabinet: install in the 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)
   1 Attach cable management arms.
   2 Connect port e0c to the data switch.
      NOTE: Port e0c is required, other ports are available if needed.
   3 Secure cables.
   4 Connect the cable to the management or subnet switch.
      For option B only
      Connect port e0f or e0f (or if to e0f if)
   5 Strap the cables to the cable management arms.

3 Connect four power cords
   - All four 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 FAS2554 systems with NO external storage
   1 Storage cables
   2 Connect SAS ports
   3 Connect ACP ports

B Cabling FAS2554 systems WITH external storage DS424x disk shelves
   1 Storage cables
   2 Daisy chain SAS ports
   3 Connect first SAS ports
   4 Connect last SAS ports
   5 Connect ACP ports on controllers to the disk shelves

C Cabling FAS2554 systems WITH external storage DS2246 disk shelves
   1 Storage cables
   2 Daisy chain SAS ports
   3 Connect first SAS ports
   4 Connect last SAS ports
   5 Connect ACP ports on controllers to the disk shelves

STOP HERE. If you have NO external storage, skip to 3.
**Complete System Setup**

1. **Register at support.netapp.com**
   - Create an account.
   - Register your system.
   - Get your license keys.

2. **Download and run Config Advisor**

3. **Download OnCommand System Manager**
   - From [http://support.netapp.com/NOW/cgi-bin/software/](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.

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

4. **Cable Windows client to the same network as your controllers**

5. **Power on all external storage ONLY**

6. **Start System Setup software**
   - 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.*

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**Complete System Setup**

1. **Complete configuration worksheet**

2. **Install Hardware**
   - **Install Hardware**
   - **Install System Setup**

3. **Cable Storage**

4. **Complete System Setup**

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**Prepare for Installation**

1. **Register at support.netapp.com**
   - Create an account.
   - Register your system.
   - Get your license keys.

2. **Download and run Config Advisor**

3. **Download OnCommand System Manager**
   - From [http://support.netapp.com/NOW/cgi-bin/software/](http://support.netapp.com/NOW/cgi-bin/software/)

**Install Software**

4. **Install System Setup**

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**HELPFUL LINKS**

- Controller and configuration examples: [https://library.netapp.com/ecm/ecm_download_/file/ECMM1280392](https://library.netapp.com/ecm/ecm_download_/file/ECMM1280392)

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**CAUTION**

- Disconnect all supply power for complete isolation.

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**Install System Setup**

- **Start System Setup software**
  - All four power supplies MUST be powered on.
  - If you cannot use System Setup, see the Data ONTAP Software Setup Guide