



# System Setup for Clustered Data ONTAP® 8.2.X Configuration Worksheet

Before installing System Setup, you need the following information:

1. Networking and protocol information
2. Cluster base license key

To obtain your cluster base license key:

1. Go to <http://mysupport.netapp.com/InstantAccess>.
2. From the Sales Order with Software form:
  - a. Enter sales order number: \_\_\_\_\_
  - b. Enter Access Key ID (SW-CL-BASE): \_\_\_\_\_
3. Record license key: \_\_\_\_\_

**NetApp** Sales Order With Software

For: Your Company Name  
Address  
City, State, Zip  
Country

Sales Order: XXXXXXXXX

Line#	Part#	Part Description	Access Key ID	Protocol	Download
1	SW-DSM-MPIO-C	SW.Data ONTAP DSM MPIO- C	4379021	MPIO-WIN	YES
1	SW-DSM-MPIO-C	SW.Data ONTAP DSM MPIO- C	4379022	MPIO-WIN	YES
1	SW-CL-BASE	SW.Base.CL.Node	4438916	CL-BASE	YES

Cluster type:  Single-node  Two-node switchless  Switched

### LICENSE KEYS

For FAS2220, FAS2240, and FAS2500 storage systems, the NFS, CIFS, iSCSI, and FC protocol licenses are automatically installed by System Setup.

License	Key value

### SET UP MANAGEMENT NETWORK

	Name	IP Address
Cluster		
Node 1		
Node 2		
<i>If you have a single-node cluster environment, you do not need to fill in the Node 2 name and address.</i>		
Node 3		
Node 4		
<i>Additional addresses are required for switched clusters with more than two nodes.</i>		
Laptop for System Setup	(not applicable)	

Network mask: \_\_\_\_\_ User name: admin  
 Gateway: \_\_\_\_\_ Password: \_\_\_\_\_  
 Domain name: \_\_\_\_\_  
 Preferred DNS server: \_\_\_\_\_ (required) Alternate DNS server: \_\_\_\_\_ (optional)

### SET UP DATA NETWORK

Storage virtual machine name: \_\_\_\_\_ User name: vsadmin  
 Primary IP address: \_\_\_\_\_ Password: \_\_\_\_\_  
 Network mask: \_\_\_\_\_ Gateway: \_\_\_\_\_

ENABLE  
PROTOCOLS

Windows (SMB/CIFS) Clients

Active directory domain: \_\_\_\_\_ Share as: \_\_\_\_\_

Domain administrator: \_\_\_\_\_ Size: \_\_\_\_\_

Domain password: \_\_\_\_\_

UNIX/Linux (NFS) Clients

Export as: \_\_\_\_\_ Size: \_\_\_\_\_

iSCSI Clients

LUN volume: \_\_\_\_\_ Size: \_\_\_\_\_

Node 1 addresses: \_\_\_\_\_

Node 2 addresses: \_\_\_\_\_

*If you have a single-node cluster environment, you do not need to fill in the Node 2 addresses.*

Node 3 addresses: \_\_\_\_\_

Node 4 addresses: \_\_\_\_\_

*Additional node names and addresses are required for switched clusters with more than two nodes.*



# System Setup for Clustered Data ONTAP® 8.3 Configuration Worksheet

Before installing System Setup, you need the following information:

1. Networking and protocol information
2. Cluster base license key

To obtain your cluster base license key:

1. Go to <http://mysupport.netapp.com/InstantAccess>.
2. From the Sales Order with Software form:
  - a. Enter sales order number: \_\_\_\_\_
  - b. Enter Access Key ID (SW-CL-BASE): \_\_\_\_\_
3. Record license key: \_\_\_\_\_

**NetApp** Sales Order With Software

For: Your Company Name  
Address  
City, State, Zip  
Country

Sales Order: XXXXXXXXX

Line#	Part#	Part Description	Access Key ID	Protocol	Download
1	SW-DSM-MPIO-C	SW.Data ONTAP DSM MPIO- C	4379021	MPIO-WIN	YES
1	SW-DSM-MPIO-C	SW.Data ONTAP DSM MPIO- C	4379022	MPIO-WIN	YES
1	SW-CL-BASE	SW.Base.CL.Node	4438916	CL-BASE	YES

Cluster type:  Single-node  Two-node switchless  Switched

LICENSE KEYS

For FAS2220, FAS2240, and FAS2500 storage systems, the NFS, CIFS, iSCSI, and FC protocol licenses are automatically installed by System Setup.

License	Key value

SET UP CLUSTER NAME AND PASSWORD

	Name
Cluster	
Node 1	
Node 2	
<i>If you have a single-node cluster environment, you do not need to fill in the Node 2 name.</i>	
Node 3	
Node 4	

*Additional node names are required for switched clusters with more than two nodes.*

User name: admin

Password: \_\_\_\_\_

SET UP MANAGEMENT (DEFAULT) NETWORK

Domain name: \_\_\_\_\_

Preferred DNS server: \_\_\_\_\_ (required) Alternate DNS server: \_\_\_\_\_ (optional)

Network type: Management

IP addresses

You must define all IP addresses or address ranges used for this network.

Cluster IP address: \_\_\_\_\_

Node IP addresses: \_\_\_\_\_

You must have an IP address for each node in the cluster.

Service processor IP addresses: \_\_\_\_\_ (optional)

You must have an IP address for each service processor that you want to automatically configure.

SET UP MANAGEMENT  
(DEFAULT)  
NETWORK

Network mask: \_\_\_\_\_  
 Gateway address: \_\_\_\_\_  
 Ports: e0m  
*The management port must be cabled to the management network.*  
 MTU size: 1500  
*The management network cannot have an MTU size greater than 1500.*

SET UP  
ADDITIONAL  
DATA NETWORKS

You can set up additional data networks by using the **Add Subnet** button in the user interface.

Network type:  SVM management and file access     iSCSI access

IP addresses

You must define all IP addresses or address ranges used for this network.

SVM IP address: \_\_\_\_\_

iSCSI IP addresses: \_\_\_\_\_

*You must have an IP address for each node in the cluster.*

Network mask: \_\_\_\_\_

Gateway address: \_\_\_\_\_

Ports:

Specify the node and associated data ports. The specified data ports must be cabled to the associated data network.

Node	Data port

*You can add up to 16 data networks. You must have unique data ports for each network. You should try to use the same data ports on each node. Data ports must be connected to the same network.*

MTU size:  1500     9000

SET UP STORAGE  
VIRTUAL  
MACHINE

Storage Virtual Machine name: \_\_\_\_\_

User name: vsadmin

Password: \_\_\_\_\_

ENABLE  
PROTOCOLS

Windows (SMB/CIFS) Clients

Active directory domain: \_\_\_\_\_ Share as: \_\_\_\_\_

Domain administrator: \_\_\_\_\_ Size: \_\_\_\_\_

Domain password: \_\_\_\_\_

UNIX/Linux (NFS) Clients

Export as: \_\_\_\_\_ Size: \_\_\_\_\_

iSCSI Clients

LUN volume: \_\_\_\_\_ Size: \_\_\_\_\_