SpinServer®
Site Preparation Guide

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Site Preparation Guide

The *SpinServer® Site Preparation Guide* provides information that your system administrator or IT technician needs to prepare your site for a successful installation of the SpinServer system components.

This guide also details the information that is needed by Network Appliance personnel to assist you with installation of the SpinServer components.

1 Customer Contact Information

The systems engineer (SE) who is assisting you with the purchase and installation of the SpinServer components needs the following customer contact information.

1.1 Customer Contact Information

The following general contact information is needed. Complete the following table.

Company name:
Company address:
Installation site address:
Company phone:
Company fax:
Company web address:
Company email address:
Scheduled date for equipment delivery:

1.2 Point of Contact Information

Designating appropriate personnel contacts at your site and at Network Appliance is important for enabling the timely and effective exchange of information. A primary and secondary point of contact (POC) must be designated. Obtain the following information for your company's POC and Network Appliance's POC.

1.2.1 Customer Contact Information

Customer Primary POC
Name:
Office phone:
Cell phone:
Fax:
Email address:
Customer Secondary POC
Name:
Office phone:
Cell phone:
Fax:
Email address:

1.2.2 Network Appliance Contact Information

Network Appliance Primary POC
Name:
Office phone:
Cell phone:
Fax:
Email address:
Network Appliance Secondary POC
Name:
Office phone:
Cell phone:
Fax:
Email address:

2 Site Description

For proper installation and setup, the following information is needed about your installation site.

2.1 Physical Description of Installation Site

The physical description of the installation site requires the following information.

General description of the equipment area (lab, data center, testing facility):
Description of floor (raised or standard):
Power location (floor, wall, or ceiling):
Minimum door height:
Minimum door width:

2.2 Site Requirements

This section describes the site requirements for SpinServer equipment installation.

2.2.1 Installation Area Requirements

The installation area for the equipment must accommodate the racks that house the SpinServer system components. Follow these guidelines.

- The floor space used by the equipment rack must support the total weight of the rack when all SpinServer system components have been installed.
- At least 3 feet (90 cm) of clearance are required behind the equipment rack to provide adequate space for exhaust air and easy access to the SpinServer chassis and storage enclosures for servicing.
- To access the interior components of the SpinServer chassis, a minimum of 3 feet (90 cm) in front of the chassis is required to remove the chassis from the rack.
- Adequate cooling is needed for the SpinServer system.

2.2.2 Environmental Requirements

SpinServer system components have the following general environmental requirements. For the environment requirements of individual components, see the *SpinServer Installation Guide* for your platform (SpinServer 3300 or SpinServer 4100)

Environmental Requirements for the SpinServer System	
Temperature	10° to 35° C (50° to 95° F)
Relative humidity	20% to 80% (noncondensing)
Altitude	0 to 3,000 m (0 to 10,000 feet)

2.3 Site Security

Network Appliance personnel need the following description of the security clearance required for their work at your site.

Is security clearance required? No
Are security badges or key fobs needed? No
If badges or fobs are needed, how do Network Appliance personnel obtain them?
Where is the entrance to the site located?
Provide specific instructions for entering the building.

2.4 Site Control

Network Appliance personnel need the following information for their work at your site.

Are there hazardous materials on site that can cause harm to Network Appliance personnel? No
If so, give detailed information.

3 System Configuration Requirements

The following subnets and configuration information are needed at the time your SpinServer is set up for system operations.

3.1 Subnets

It is required that you have three subnets available for system operations, one for each of the following purposes:

- A physically secure, dedicated network to connect to the management ports on the SpinServers
- A physically secure, dedicated network to connect to the cluster ports on the SpinServers
- A general corporate network for access to client data that is connected to the network ports on the SpinServers

3.2 SpinServer Configuration Information

Obtain the following information for the configuration of your SpinServer system from your system administrator. Complete the following tables.

3.2.1 Creating a Cluster with the First SpinServer

Obtain the following information for the first SpinServer in your cluster from your system administrator.

Important: The SpinServer ID cannot be changed after it has been entered into the management framework during the software installation process.

SpinServer ID	
Cluster netmask	
Cluster IP 1	
Cluster IP 2	
Cluster broadcast IP	

3.2.2 Adding a Second SpinServer to the Cluster

To add a second SpinServer to the cluster, you need the following information to complete the procedure.

Cluster host name (This is the cluster IP address of an active SpinServer.)	
Cluster netmask	
Cluster IP 1	
Cluster IP 2	
Cluster broadcast IP	

3.2.3 UNIX Clients Information

If your SpinServer system is used by UNIX clients, the following information is needed.

NIS domain name	
NIS server	

3.2.4 Windows Clients Information

If your SpinServer system is used by CIFS clients, the following information is needed.

CIFS domain name	
WINS server	
Primary Domain Controller (PDC) name	
Primary Domain Controller (PDC) IP address	
Backup Domain Controller (BDC) 1 name	
Backup Domain Controller (BDC) 1 IP address	