

IBM FlashSystem 9200

Quick Start Guide



Edition notice

This edition applies to version 8, release 3, modification 1 of IBM FlashSystem 9200 and to all subsequent modifications until otherwise indicated in new editions.

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Safety and environmental notices

Review all safety notices, environmental notices, and electronic emission notices before you install and use the product.

Suitability for telecommunication environment: This product is not intended to connect directly or indirectly by any means whatsoever to interfaces of public telecommunications networks.

To find the translated text for a caution or danger notice, complete the following steps.

1. Look for the identification number at the end of each caution notice or each danger notice. In the following examples, the numbers (C001) and (D002) are the identification numbers.



CAUTION: A caution notice indicates the presence of a hazard that has the potential of causing moderate or minor personal injury. (C001)



DANGER: A danger notice indicates the presence of a hazard that has the potential of causing death or serious personal injury. (D002)

2. Locate the *IBM Systems Safety Notices* with the user publications that were provided with your system hardware.
3. Find the matching identification number in the *IBM Systems Safety Notices*. Then, review the topics about the safety notices to ensure that you are in compliance.
4. (Optional) Read the multilingual safety instructions on the system website.
 - a. Go to www.ibm.com/support
 - b. Search for "FlashSystem 9200"
 - c. Click the documentation link.

Chapter 1. Overview

This guide provides a high-level roadmap to guide you, the customer, and the IBM® service support representative (SSR) through the planning, installation, and initial configuration steps that are needed to set up this system (9846/9848-AG8 and 9846/9848-UG8 control enclosures and 9846/9848-AFF and 9846/9848-AF9 expansion enclosures).

Note: For detailed installation instructions, the SSR can refer to the [FlashSystem 9200 Knowledge Center for service](https://ibm.biz/fs_9200_service_kc) (https://ibm.biz/fs_9200_service_kc).

An IBM intranet connection is required.

This system consists of one or more control enclosures. IBM FlashSystem expansion enclosures can also be connected to each control enclosure. Specific combinations of SAS expansion enclosures are supported based on the capacity of each of the enclosures.

Chapter 2. Planning (customer task)

Complete your prerequisite planning tasks and worksheets that provide needed information to the IBM SSR. After you submit the worksheets, the SSR can proceed with the installation.

Planning overview and prerequisites

It is important for you to plan the IBM FlashSystem 9200 configuration and to complete the planning tasks and worksheets before system installation.

Before the system is installed and configured, you must complete all the planning worksheets.

When the planning worksheets are completed, the customer submits them to the SSR.

Prerequisites for installation

Before the SSR installs the FlashSystem 9200, you must have the following items available.

- Workstation with an Ethernet connection to the Technician Terminal port for initial configuration.
- Supported web browser.
- Ethernet connection.
- Rack spaces for the 9846/9848-AG8 control enclosures and the optional SAS expansion enclosures, 9846/9848-AFF and 9846/9848-AF9.
- If you choose to use a Power Distribution Unit (PDU), the network and power provisions for the PDU must be in place.
- Fibre Channel or Ethernet host connections that you have set up.

Planning worksheets (customer task)

Complete your planning worksheets for the system to provide information that the IBM service support representative (SSR) requires.

For detailed worksheets, see **Planning > Planning worksheets (customer task)** in the [FlashSystem 9200 Knowledge Center](#).

When the planning worksheets are completed, submit them to the SSR for use during the installation process.

Chapter 3. Installing the hardware (IBM SSR task)

The IBM service support representative (SSR) is responsible for installing the IBM FlashSystem 9200 hardware in the rack and cabling all connections to your Ethernet network and to your SAN fabric, or connecting twin control enclosures directly without using a network switch.

Installing the IBM FlashSystem 9200 enclosures (IBM SSR task)

Installing the FlashSystem 9200 enclosures in a rack involves installing the rack rail kit and then the control enclosure.

Procedure

To install the control enclosure, complete the following steps.

1. Using the customer-supplied hardware location worksheets for guidance, install the support rails for the AG7, AG8, UG7, or UG8 control enclosure in the rack.

The SSR can see **Installing > Installing the support rails ...** in the service KC.

Note: For detailed installation instructions, the SSR can refer to the [FlashSystem 9200 Knowledge Center for service](https://ibm.biz/fs_9200_service_kc) (https://ibm.biz/fs_9200_service_kc).

An IBM intranet connection is required.

2. If applicable, also install the support rails in the rack to contain the optional 9846/9848-AFF or 9846/9848-AF9 expansion enclosures.

The SSR can see **Installing > Installing the support rails ...** in the service KC.

3. Install the AG7, AG8, UG7, or UG8 control enclosure in the rack.

The IBM SSR can see **Installing > Installing enclosures** in the service KC.

4. If applicable, install the optional 9846/9848-AFF or 9846/9848-AF9 SAS expansion enclosures now.

The IBM SSR can see **Installing > Installing an optional 5U expansion enclosure** or **Installing an optional 2U SAS expansion enclosure**.

Chapter 4. Connecting the components (IBM SSR task)

After the hardware is installed in the rack, the various components must be connected to each other, to power, to the Ethernet management network, and to the hosts.

The IBM SSR is responsible for connecting (cabling) the control enclosures and any SAS expansion enclosures.

For cabling details for your particular configuration, see **Installing > Connecting the components** in the product documentation.

Chapter 5. Completing the hardware installation (IBM SSR task)

After the components are installed in the rack and connected, the SSR must complete the installation, which includes some service-side initialization.

The SSR tasks include logging into the system with the default ID and password. You'll get the opportunity to change the password during the customer-side initial system setup.

The SSR uses the worksheets that your team completed prior to installation. The SSR sets the physical location, contact names and numbers, email addresses, including information about your email server.

The SSR does not have to enter the IBM Call Home email address, which is preconfigured. The SSR then uses the worksheets to add other email notifications that you specified

The SSR verifies that Call Home is working. The SSR also enters your IBM Customer ID. If you already use Storage Insights, the SSR provides you the IP address that Storage Insights generates. You'll need it during your setup. If you are not a customer of Storage Insights, the SSR automatically registers you. You'll receive an email notification when your Storage Insights account is ready to use.

Near the end of the SSR's installation procedure, the SSR will want to verify that you can access the management GUI using the management IP address. At that time, you can complete your part of the installation, the initial system setup.

Chapter 6. Completing the service setup of the system (IBM SSR task)

After the components are installed in the rack, connected, and initialized, the service setup process must be completed.

The IBM service support representative (SSR) is responsible for completing the service setup process.

- To complete the service setup process, see **Installing > Completing the service setup for a new system** in the product documentation.

Chapter 7. First customer tasks

After the components are installed in the rack, connected, and the SSR has completed the service initialization, you complete the initial system setup.

You start the initial system setup by logging onto the system management GUI to use the initial setup wizard. The wizard guides you through choosing and creating a new password, and configuring licensed functions.

You can add another control enclosure to your system, such as when you order feature 9152 with twin FlashSystem control enclosures.

You can use the **System update** page of the management GUI to check whether software updates are available, and to install such updates.

You can start the wizard to configure drives and pools.

You can register the new system by using the Call Home and Storage Insights configuration worksheet that you completed earlier.

You can configure encryption.

After the initial system setup, you are free to migrate data from other storage systems, configure host connections, or configure other characteristics of your new system.

See **Installing > Completing the initial system setup** in the .

Note: You might prefer not to learn how to update the system software. If you purchased FlashSystem 9100 Enterprise Class services, the IBM SSR can update the system. The terms of your agreement might limit the number of SSR updates per year.

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