

IBM FlashSystem 9100 8.2.1

Quick Start Guide



Edition notice

This edition applies to version 8, release 2, modification 1 of IBM® FlashSystem 9100 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 9100 "
 - c. Click the documentation link.

Chapter 1. Overview

This guide provides a high-level roadmap to guide the customer and IBM service support representative (SSR) through the planning, installation, and initial configuration steps that are needed to set up this system (9846-AF7, 9848-AF7, 9846-AF8, 9848-AF8, 9846/9848-AFF , 9848-A9F).

For detailed instructions, refer to [FlashSystem 9100 Knowledge Center for service](https://ibm.biz/fs_9100_service_kc) (https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.

Important: Hearing conservation program (HCP) procedures are required for service personnel that service an operating 9848-A9F SAS expansion enclosure.

This system consists of a AF7/AF8 control enclosure. 9846/9848-AFF and 9846/9848-92F SAS 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)

The customer should ensure that they complete the prerequisite planning tasks and worksheets before the IBM service support representative (SSR) proceeds with the installation.

Planning overview and prerequisites

It is important for the customer to plan the FlashSystem 9100 configuration and to complete the planning tasks and worksheets before system installation.

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

When the planning worksheets are completed, the customer submits them to the IBM service support representative (SSR).

Prerequisites for installation

Before the SSR installs the FlashSystem 9100, the customer must have the following items available:

- Workstation with USB port for initial configuration.
- Supported web browser.
- Ethernet connection.
- Rack spaces for the AF7/AF8 control enclosures and optional SAS expansion enclosures.
- If the customer chooses to use a Power Distribution Unit (PDU), the network and power provisions for the PDU must already be in place.
- Fibre Channel or Ethernet host connections set up by the customer.

Planning worksheets (customer task)

The customer should complete the planning worksheets for the system to provide information to the IBM service support representative (SSR).

For detailed worksheets, the customer should see **Planning > Planning worksheets (customer task)** in the [FlashSystem 9100 Knowledge Center](#).

When the planning worksheets are completed, the customer submits 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 FlashSystem 9100 hardware in the rack.

Installing the FlashSystem 9100 enclosures (IBM SSR task)

Installing the FlashSystem 9100 enclosures in a rack involves installing the rack rail kit and then the control enclosure.

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 AF7/AF8 control enclosure in the rack. See **Installing > Installing the support rails** in [FlashSystem 9100 Knowledge Center for service \(https://ibm.biz/fs_9100_service_kc\)](https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.
2. If applicable, also install the support rails for the optional 9846/9848-AFF , 9846-A9F , or 9848-A9F expansion enclosures in the rack that will contain them. See **Installing > Installing the hardware > Installing the support rails** in [FlashSystem 9100 Knowledge Center for service \(https://ibm.biz/fs_9100_service_kc\)](https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.
3. Install the AF7/AF8 control enclosure in the rack. See **Installing > Installing the control enclosure** in [FlashSystem 9100 Knowledge Center for service \(https://ibm.biz/fs_9100_service_kc\)](https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.
4. If applicable, install the optional 9846/9848-AFF , 9846-A9F , or 9848-A9F SAS expansion enclosures now. See **Installing > Installing an optional 5U expansion enclosure** or **Installing an optional 2U SAS expansion enclosure** in [FlashSystem 9100 Knowledge Center for service \(https://ibm.biz/fs_9100_service_kc\)](https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.

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 enclosure and any optional SAS expansion enclosures.

For cabling details for your particular configuration, see **Installing > Connecting the components** in FlashSystem 9100 Knowledge Center for service (https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.

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

After the components are installed in the rack and connected, they must be initialized.

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 FlashSystem 9100 Knowledge Center for service (https://ibm.biz/fs_9100_service_kc). **Note:** IBM intranet connection required.

Chapter 7. First customer tasks

After the components are installed in the rack, connected, and initialized, the customer completes the initial configuration and updates the system firmware and software.

1. First, the customer completes the initial configuration by entering a new password, licensing information, Call Home information and other site-specific information, and creating the storage arrays and storage pools. See **Installing > Initial customer configuration of the system** in [FlashSystem V9000 Knowledge Center](#) ().
2. Next, the customer should update the system with the latest firmware and software. See **Installing > Verify and update the system firmware and software** in [FlashSystem V9000 Knowledge Center](#) ().

Note: If the customer purchased IBM FlashSystem V9000 Enterprise Class services, the IBM SSR performs the update. See **Updating the system > Updating system software using FlashSystem V9000 Enterprise Class services** in [FlashSystem V9000 Knowledge Center](#) ().

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