

# READ ME FIRST

## SGI® InfiniteStorage™ Gateway Quick Start

This document highlights the minimum steps needed to set up the SGI InfiniteStorage Gateway with secondary storage that supports the DMF simplified configuration (detailed in the *SGI InfiniteStorage Gateway Administrator Guide*). These steps are generally performed by SGI Support personnel as part of the standard installation service (purchased separately). To use secondary storage that requires DMF manual configuration, contact SGI Professional Services.

### Required Documentation

See these guides at <http://docs.sgi.com> (search for the core document number, such as 007-5924):

- *SGI Modular InfiniteStorage (MIS) Platform Installation Guide* 007-5924-xxx  
Instructions for initial hardware installation and important safety information
- *SGI Modular InfiniteStorage (MIS) 1.5 Platform User Guide* 007-5916-xxx  
Information about using MIS features and components
- *SGI InfiniteStorage Gateway Administrator Guide* 007-5915-xxx  
Instructions for initial system software configuration and DMF simplified configuration
- *SGI Management Center for InfiniteStorage Administrator Guide* 007-5652-xxx  
Instructions for performing other system administration tasks, such as NFS exports

### Install the Rack

The following procedure summarizes the steps to install the hardware (this procedure will be performed at the factory for systems shipped in a rack). Follow the instructions in the *SGI Modular InfiniteStorage (MIS) Platform Installation Guide*:

1. Install the MIS chassis into the rack.
2. Attach the front cover, which has small hinges that fit into the left side of the front chassis:
  - a. Hold the front cover at 90 degrees relative to the chassis (so that the cover door is open).
  - b. Attach the cables.
  - c. Fit the hinges into the left side of the chassis.
  - d. Swing the cover closed until the right side of the cover snaps into the chassis.

### Install the Drives and Attach the Secondary Storage

1. Slide out the MIS chassis front and install its drives. (There may be a mix of drive sizes). Repeat for the chassis rear.  
**Note:** The front and rear drives are shipped in separate boxes. Each drive is labeled with its specific StorBrick and slot location. You **MUST** place drives in the required slot and with the correct orientation to avoid pin damage. The StorBricks are numbered from left-to-right as you face the front (SB0–SB4) and as you walk around the rack and face the rear (SB5–SB7). For the specific slot locations, see the diagram on the chassis cover or in the MIS installation guide.
2. Attach the secondary storage. If you require more than 4 ports for secondary storage, you must use a Fibre Channel switch. See the *SGI InfiniteStorage Gateway Administrator Guide* for secondary-storage requirements.
3. Attach a live 1-Gbit Ethernet network port to eth0, which is the bottom 1-Gbit Ethernet port on the MIS server.
4. Attach a KVM console locally.
5. Momentarily press the power button on the MIS server. The MIS system lights will appear behind the front cover. Wait for the system software to boot.

### Configure the Software

You will use the SGI InfiniteStorage Gateway Management Center to configure the system and DMF. (**DO NOT** use RHEL tools to configure the hostname and IP address manually.) The following procedure summarizes the steps; for details, see the initial-configuration chapter of the *SGI InfiniteStorage Gateway Administrator Guide*.

1. Start up the Management Center:

- a. Log in as root (default password is "INSECURE"):

```
-----  
MYHOST login: root  
password: INSECURE  
-----
```

- b. Start the X Window system:

```
-----  
console# startx  
-----
```

- c. Start Firefox and access the following secure (**https**) website:

<https://192.168.1.1:1178>

- d. Accept the security certificate (it is safe to ignore the warning).

- e. On the **Configure Management Interface** page, enter the fully qualified domain name for the system name and public (management) IP address. You must use either a static address or a dedicated DHCP address. Change the workgroup default only if required for CIFS use. After you apply your changes, the system will automatically reboot.

2. At a terminal with public Internet access, open the Management Center using the new fully qualified domain name (if DNS is configured) for the MIS server or its new IP address:

[https://FQDN\\_MIS\\_SERVER:1178](https://FQDN_MIS_SERVER:1178)

3. At the **Unlicensed** page, click **install it** to access the **Licenses** page. When prompted, change the Management Center password (default is "INSECURE"):

```
-----  
Old password: INSECURE  
New password: yourpassword  
-----
```

**Note:** Follow the instructions in the initial configuration chapter of the *SGI InfiniteStorage Gateway Administrator Guide*, which at this point is available from within the Management Center:

**Help—> Documentation—> SGI InfiniteStorage Gateway Administration Guide**

- a. Get the required licensing information:

**Management—> System—> Licenses**

- b. Supply the information and your entitlement IDs to the SGI licensing website:

<http://www.sgi.com/support/licensing>

You will receive keys for Management Center, DMF capability, and DMF capacity.

- c. Paste each key and add (one at a time) into the Management Center:

**Management—> System—> Licenses**

4. Set the system root password and email address on the **System Password** page, which you access by clicking the **“here”** link on the following page:

**Management—> System—> Administrator Password**

5. Configure the BMC to channel 1 and set the IP address source:

**Management—> System—> BMC**

6. Create your filesystems:

**Management—> Storage—> Filesystems**

7. Configure DMF:

**Management—> Storage—> DMF Configuration**

8. Perform other system administration tasks as needed using the Management Center. For more information, see the *SGI Management Center for InfiniteStorage Administrator Guide*.

## For More Help

- North America: 1 (800) 800 4SGI
- Elsewhere: <http://www.sgi.com/support/supportcenters.html>

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