# Firmware upgrade steps for all DSN-6000 series

1. Stop all IO from hosts/servers

2. Go to "Maintenance" -> "Upgrade"

3. Browse the latest firmware file and click "Confirm" to start upgrading

4. After completion, system rebooting message will pop up.

**5. Please power off directly without rebooting. Wait for a minute and power on. The system should be up and running normally.**

# Firmware upgrade steps from DSN-6110/ 6410 to DSN-6120/ 6420

1. Power on DSN-6110 with FW earlier than FW 2.1.x (single mode, with replication enabled)

2. Upgrade to FW 2.1.x

3. Cold reboot (power off and power back on)

4. Change single mode to dual mode.

5. Shutdown and power off. Plug in Controller 2 (FW earlier than 2.1.x), and power on.

6. Controller 2 will be in lockdown mode because of FW mismatch.

7. Do firmware synchronization. Wait for Controller 2 to reboot.
   After Controller 2 is online, you should have a DSN-6120 system with FW2.1.x and replication still enabled.