

How to Test FortiMail Firmware before Installing It

New firmware images can be tested without saving it to disk by temporarily running it from memory. If the evaluation fails, you will not have to reinstall your previous firmware. Instead, you can quickly revert to your existing firmware by rebooting the FortiMail unit.

This recipe details how to test new firmware images.

Connecting the Unit

Before beginning the procedure you'll need to connect to the FortiMail unit.

1. Connect your computer to the FortiMail console port using a RJ-45 to DB-9 serial cable or a null-modem cable.
2. Initiate a connection between your computer and the [CLI](#) of the FortiMail unit.
3. Connect port1 of the FortMail unit to the same [subnet](#) as a TFTP server.

Testing in the CLI

1. Copy the new firmware image file to the root directory of the TFTP server.
2. Verify the connection by entering the following command into the FortiMail CLI:
execute ping 192.168.1.168
62.168.1.168 is the address of the TFTP server.
3. Restart the FortiMail unit with the following command:
execute reboot
4. Press any key to interrupt the system startup and then press G. Follow the onscreen instructions.
5. Verify that the new firmware image is loaded by logging in to the CLI and typing:
get system status

If the new firmware image is operating, install it to disk by following the “Installing firmware” procedure on page 648 of the FortiMail Administrator Guide. If it does not operate, reboot the FortiMail unit to discard the temporary firmware and resume operation using the existing firmware.