

TMG: Appliance Cloning

Skill level: Intermediate

Requires: TMG Configuration Console

This document will provide instructions on how to clone your system configurations from one server to another. In this example we will be using two TMG servers, the server you are going to “clone” will be TMG1 and the server you will be cloning to will be TMG2. First, you will need to create a last good version on TMG1. You will then need to boot TMG1 into recovery mode and begin the cloning process, test the image and set TMG2 to clone from TMG1.

Create a last good version on TMG1:

1. Shut down the appliance.
2. Power the appliance on.
3. After you hear a second Beep sound, quickly turn the jog dial clockwise to initiate the rescue mode.
4. When the system is ready, you will see the following items on the LCD screen
 - Create Last Good Version
 - Restore
 - Cancel (Reboot)
5. Choose Create Last Good Version from the menu by scrolling the jog dial.
6. The system will ask to confirm.
7. It will take approximately 2 hours for the system to create a last good version.

Note: The system will reboot to Windows if the LGV capture is successful. If it fails, it will halt with a message, and you have to reboot manually.

Configure Appliance Cloning on TMG1:

8. Boot the server back into recovery mode.
 - a. Power the server on.
 - b. After second beep, turn the jog dial to the right for 3-5 seconds.
 - c. Follow the instructions on the LCD to interact with the recovery mode.

- d. Turn the jog dial to the left and right to select option.
 - e. Push the jog dial to activate the selection.
9. Using the jog dial, select Appliance cloning.
 10. Select Clone to Appliance.
 11. You will then have the option to Test Image, select Yes. This will decompress the LGV and test the image's integrity.
 12. When the image is ready to be cloned, the LCD will show: This appliance is ready to be cloned and will shut down automatically when done.

You are now ready to proceed to the next device.

On TMG2:

13. Boot the server into recovery mode.
14. Using the Jog dial, Select Appliance Cloning.
15. Select Clone from Appliance (Target).

Note: Selecting this option will wipe any previous LGVs from the system. After the device downloads the cloned image, it will re-image itself with the clone.