



# Wipe Appliance

---

This chapter describes how to use the Wipe Appliance boot option. It includes the following topics:

- [About Wipe Appliance Option, on page 1](#)
- [Wipe Appliance Procedure, on page 1](#)
- [Wipe and Clusters, on page 3](#)

## About Wipe Appliance Option

The Wipe Appliance boot option enables you to wipe the disks on a Threat Grid Appliance to remove all data prior to decommissioning or returning it to the Cisco Demo Loan Program.



---

**Important**

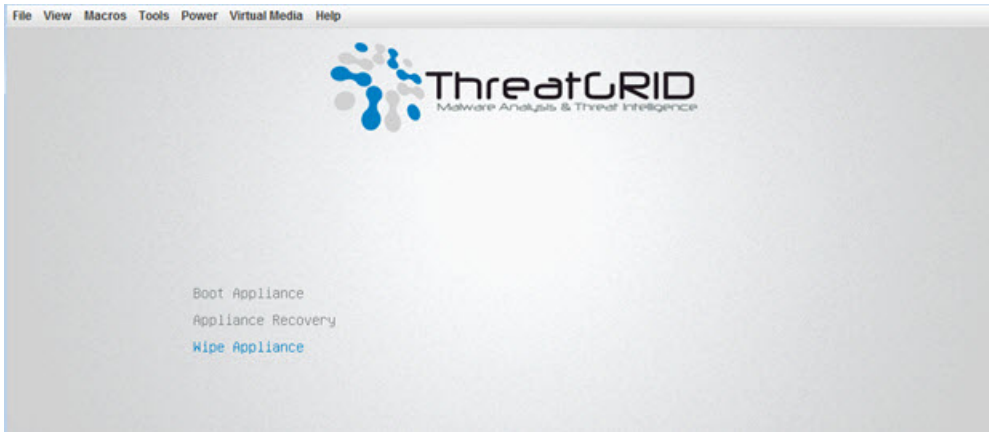
After performing the wipe appliance procedure, the Threat Grid Appliance will no longer operate without being returned to Cisco for reimaging.

---

## Wipe Appliance Procedure

Perform the following steps to wipe the appliance:

- 
- Step 1** Reboot your appliance and immediately select **Wipe Appliance** during the 4-second bootup window.

**Figure 1: Wipe Appliance Option**

**Step 2** Enter the following information:

- **Username** - wipe
- **Password** - I ACCEPT ALL RESPONSIBILITY FOR THIS ACTION

**Step 3** Select a Wipe option:

**Figure 2: Wipe Options**

- **Wipe (Fast: Zero Disks)** - 2.5 hours approximate run time.

- **Wipe (3-pass DOD method)** - 16 hours approximate run time.
- **Wipe (Random Overwrite)** - 12 hours approximate run time.

The **Wipe Finished** window is displayed when the wipe operation is complete.

Figure 3: Wipe Finished

```

nwipe 0.17 (based on DBAN's dwipe - Darik's Wipe)
-----
Options                               Statistics
Entropy: Linux Kernel (urandom)        Runtime:      02:32:13
PRNG:   Merseme Twister (mt19937ar-cok) Remaining:    07:06:30
Method: Quick Erase                    Load Averages: 1.99 2.13 2.20
Verify: Off                             Throughput:   4878 GB/s
Rounds: 1 (plus blanking pass)          Errors:       0
-----

/dev/sda - LSI MR9271-8i
(success) [173272 KB/s]

/dev/sdb - LSI MR9271-8i
(success) [558960 KB/s]

-----
Wipe finished - press enter to exit. Logged to STDOUT

```

**Step 4** Press **Enter** to exit.

## Wipe and Clusters

After performing a wipe operation, the Threat Grid Appliance will no longer operate unless it is returned to Cisco for reimaging. Wipe should only be used on a cluster node after that node has been flagged in OpAdmin as permanently removed. Do not remove a node from a cluster; instead, wipe it and then re-add it. Otherwise, if that node ever becomes master after being re-added, undesirable outcomes may result.

Click the **Remove** button in OpAdmin to inform the system that the node is removed, not just inactive.

