

Step 2 for all Nodes: Configure the Boot Order

This page explains Step 2 of installing KumoScale for Appliance Mode in a multi-node environment.

•Install and Configure the Node (Control Plane Endpoint/Additional Master/Worker Node)

Step 1. Determine Installation Settings.

Step 2. Configure the boot order.

Step 3. Prepare the Installation Files.

Step 4. Install KumoScale software.

Step 5. Set up the Node for Remote Access.

Step 6. Configure the Node

Note: In AMD™ server-based systems, the Input-Output Memory Management Unit (IOMMU) needs to be disabled. This is done by setting Virtual Technology to Disable. Specifically, in the certified Quanta™ Cloud Technology (QCT) systems, this BIOS setting is found under **AMD CBS > NBIO Common Options > NB Configuration > IOMMU (default = Auto)**

Change this value to Disabled.

You will need to configure the Basic Input/Output System (BIOS) to boot from the correct location. For details on how to configure the BIOS, refer to your platform's user manual or vendor.

Complete the steps below to configure the boot order:

1. **Set the UEFI.** Booting from the UEFI instead of legacy BIOS requires the following steps:

- Enable the NIC UEFI setting via the boot menu.
- Reboot the system.
- Choose the UEFI boot setting in the BIOS menu.

2. **Set the BIOS Boot Order.** Configure the server BIOS boot order settings according to the chosen installation type:

- **For a network installation,** set the following order:
 - Local hard drive
 - Network
- **For a Virtual CD installation,** set the following order:
 - Local hard drive
 - CDROM
- **For a USB installation,** set the following order:
 - USB
 - Local hard drive

3. **Disable Hyper-Threading.** Hyper-threading must be disabled (or verify it is disabled).

4. **Configure Serial Port Redirection.** To install via serial port, configure the BIOS for serial port redirection with the first device (COM0 or COM1).

Next: [Step 3: Prepare the installation files](#)

