

4.2 System initialization

This section provides step-by-step instructions about how to create the Storwize V7000 cluster. The procedure is initiated by connecting to the technician port.

Attention: Do not perform the system initialization procedure on more than one node canister. After system initialization completes, use the management GUI to add control enclosures to the system.

During system initialization, you must specify an IPv4 or an IPv6 system address. This address is assigned to Ethernet port 1. After system initialization, you can specify more IP addresses for port 1 and port 2 until both ports have an IPv4 address and an IPv6 address.

Connect a personal computer (PC) or notebook to the technician port on the rear of the control enclosure. If you plan to use more than one enclosure to configure the system, choose any of the enclosures.

Figure 4-1 shows the location of the technician port.

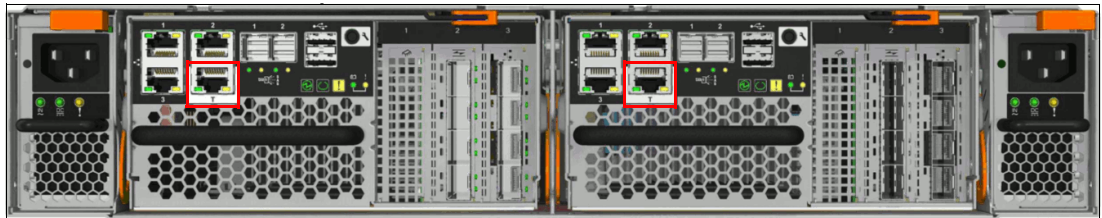


Figure 4-1 Location of the technician port

The technician port runs an IPv4 DHCP server and it can assign an address to any device connected to this port. Ensure that your PC or notebook Ethernet port is configured for DHCP if you want the IP to be assigned automatically. If you prefer not to use DHCP, you can set a static IP on the Ethernet port from 192.168.0.0/24 subnet; for example, 192.168.0.2/24.

The default IP address for a new node is 192.168.0.1/24. Do not use this IP address for your PC or notebook.

Note: The Storwize V7000 does *not* provide IPv6 IP addresses for the technician port.

Ensure that the technician port is not connected to the organization's network, or it acts as a DHCP server for other devices in the network segment.

4.2.1 System initialization wizard

After connecting your PC or notebook to the technician port, ensure that you obtained a valid IPv4 DHCP address (for example, 192.168.0.12/24) and then complete the following steps to initialize the system:

1. Open a supported browser and browse to <http://install>. The browser is automatically redirected to the System Initialization wizard. You can use instead the URL with the IP address (<http://192.168.0.1>) if you are not automatically redirected.

If the system cannot be initialized, you are redirected to the Service Assistant interface. Use the displayed error codes to troubleshoot the problem.