# AlterPath™ OnSite QuickStart Guide

This guide provides a summary of basic AlterPath™ OnSite installation tasks for installers who already know how to install and configure Cyclades AlterPath products. For more-detailed procedures, go to the page numbers listed in the table. For safety information and advanced procedures, see the installation guide referred to under "For More Information" on page 8.

Note: Circled numbers in the following table correspond to numbers in the figure below the table.

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Note: Changing administrator passwords and selecting a security profile that enforces your site's security policies are both mandatory for creating a secure configuration that reduces the risk of unwanted intrusions.
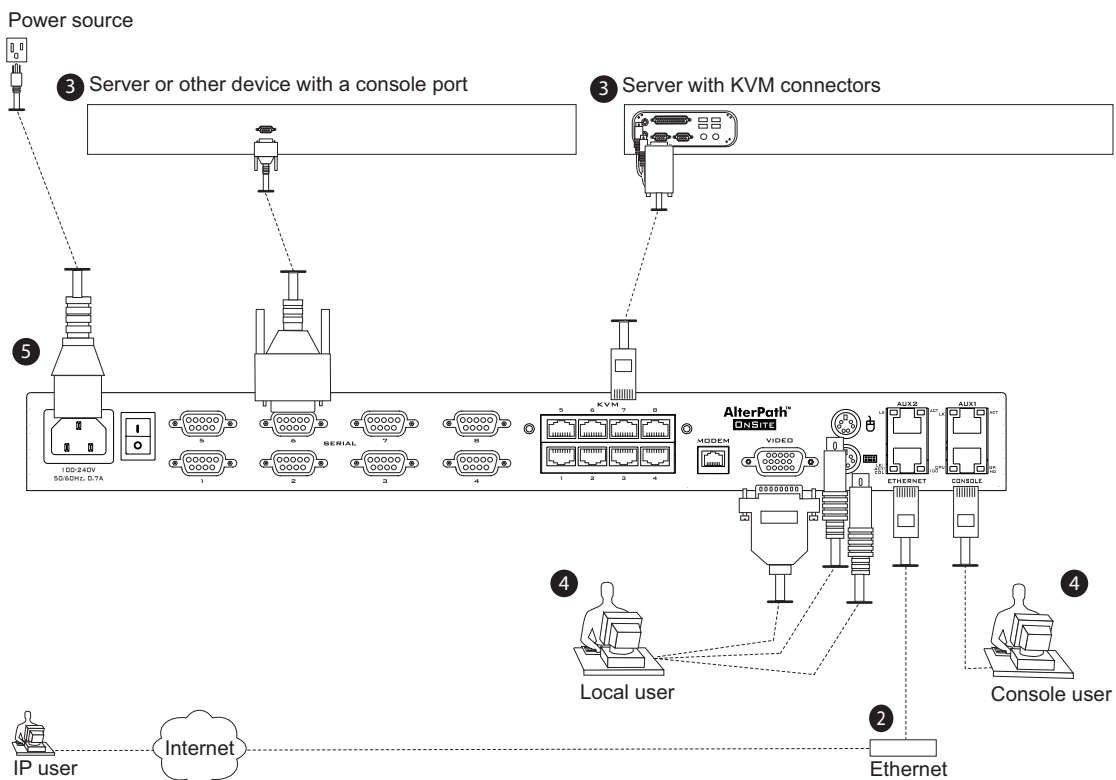
1. Rackmounting the AlterPath OnSite

Two brackets are supplied with eight screws (including two spares) for attaching the brackets.

▼ *To Rackmount the OnSite*

1. If rackmounting the OnSite, connect one bracket on each side on the front or back edges. See Chapter 2, "Installation," in the *AlterPath OnSite Installation Guide* for placement of the brackets for different types of mounting.

2. Mount the OnSite in a rack or on a wall, or place it on a desktop or table.

2. Making an Ethernet Connection

Connect a CAT5 or greater Ethernet cable from an Ethernet switch, router, or local area network (LAN) port to the Ethernet port on the OnSite.

3. Connecting Servers to the KVM Ports and Devices With Console Ports to the Serial Ports

Make sure all devices are previously configured and powered off, because some components of connected equipment may not be hot-pluggable. See "Preparing to Connect Devices to the t" in the *AlterPath OnSite Installation Guide* for preparatory tasks.

▼ *To Connect a Server to a KVM Port*

Note: Make sure that each server's mouse settings are configured as described in the installation guide. Otherwise, a user's mouse cannot track properly over the KVM connection.

1. Connect the appropriate AlterPath KVM Terminator to the server.

Note: When making a PS/2 connection to a Windows server, make sure to connect the green connector to the green mouse port before connecting the purple connector to the purple keyboard port.

2. To extend the connection from the server to the OnSite, connect a RJ-45 to RJ-45 CAT5 cable up to 500 feet long to the KVM Out end of the terminator.

3. Connect the RJ-45 connector on other end of the cable to a KVM port on the OnSite.

4. Repeat Step 2 through Step 3 for all servers to be connected to the KVM ports.

5. Make sure that mouse settings have been configured

▼ *To Connect Devices to Serial Ports*

1. Connect a DB-9 to DB-9 crossover serial cable from a serial port to the CONSOLE port on the device.

2. Repeat Step 1 for all devices to be connected to the serial ports.

Methods for Enabling Web Manager Access

An administrator who knows the admin user's password ("cyclades" is the default) and who has network access to the OnSite needs to enter the OnSite's DNS name or IP address in a browser to bring up the Web Manager and to finish the configuration of users and connected devices. Before the administrator can access the Web Manager to finish configuration, one of the tasks in the following table must be done to either set a static IP address, set up a DHCP server, or use the default IP address.

Table 1-1: Methods for Enabling Web Manager Access

Method	Considerations	Where Described
Make a local connection to configure a static IP address: • Connect a terminal to the console port and use the `wiz` command to configure a static IP address. OR • Connect a monitor, keyboard, and mouse to the Local User ports and use the OSD to configure a static IP address.	You must be at the same location as the OnSite to make the local connection.	• "Making a Local Connection for Network Configuration" on page 4
Use a DHCP-assigned address.	DHCP is enabled by default. It relies on a DHCP server that must be available to the OnSite.	"To Use a Dynamic IP Address to Access the Web Manager" on page 7
Use the default OnSite IP address 192.168.160.10 to bring up a Web Manager to set a static IP address.	You must temporarily change the network portion of the IP address of a computer with network access to the OnSite to be able to use the default IP address in launching the Web Manager.	"To Use the Default IP Address to Access the Web Manager" on page 7

If using a static IP address, before you start, collect the following network information from the administrator of the network.

- Hostname: _____
- OnSite's public IP address: _____
- Domain name: _____
- DNS server's IP address: _____
- Gateway IP address: _____
- Network Mask: _____

If you are using a network time server, also obtain the following information:

- NTP server IP address: _____

4. Making a Local Connection for Network Configuration

Make a local connection to the OnSite to enable configuration of a static IP address as follows:

- Connect a terminal to the console port as described in "To Connect a Terminal or Computer to the Console Port" on page 4.

OR

- Connect a monitor, keyboard, and mouse to the Local User ports as described in "To Connect to the Local User Ports" on page 4.

▼ *To Connect a Terminal or Computer to the Console Port*

Perform the following steps to connect a terminal or a computer to the console port of the OnSite. An RJ-45 to DB-9 crossover cable is included. Be sure whatever cable you use is a CAT 5 or greater crossover cable.

1. Connect the RJ-45 end of the cable to the console port on the OnSite.

2. If connecting to a computer or terminal with a DB-9 male port, connect the DB-9 female end of the cable to the DB-9 port.

3. If connecting to a computer or terminal with a USB port, connect the DB-9 female end of the cable to the DB-9 male end of the USB converter, and connect the USB end of the converter to the terminal or computer.

▼ *To Connect to the Local User Ports*

Connect a keyboard, monitor, and mouse to the Local User ports on the right back of the OnSite.

1. Plug the monitor, keyboard, and mouse cables into the Keyboard, Video and Mouse connectors on the AlterPath OnSite.

5. Powering On the OnSite and Connected Devices

1. Make sure the OnSite's power switch is off before plugging in the power cord and plugging the other end into an appropriate grounded power source.

2. Turn the OnSite's power switch on.

3. Turn on the power switches of the connected servers and devices.

6. Enabling Access to the Web Manager

Perform one of the procedures in this section to enable a remote administrator to finish configuration using the Web Manager. See Table 1-1, "Methods for Enabling Web Manager Access," on page 3 for details about each method.

Configuring Basic Networking Using the wiz Command

This procedure requires a terminal or a computer that has a terminal emulation program to be physically connected to the console port of the OnSite. See "To Connect a Terminal or Computer to the Console Port" on page 4.

▼ *To Configure Basic Network Parameters Using the wiz Command*

1. Using either a terminal or a terminal emulation program installed on a computer that is connected to the OnSite's console port start a session with the following settings:

Serial Speed: **9600** bps	Parity: **None**	Flow Control: **None**
Data Length: **8** bits	Stop Bits: **1**	ANSI emulation

2. From the terminal or terminal emulation program, log into the console port as root.

```
OnSite login: root
Password: cyclades
```

The default password is "cyclades."

Caution: For security, it is essential for root to change the root password.

3. Enter the `passwd` command, and enter and confirm a new password when prompted.

```
[root@OnSite /root]# passwd
```

4. Launch the configuration wizard by entering the `wiz` command.

```
[root@OnSite /]# wiz
```

5. At the prompt, enter **n** to change the defaults.

```
Set to defaults (y/n)[n]: n
```

6. Click "Enter" to accept the default hostname, otherwise enter your own hostname.

```
Hostname [onsite]: boston_branch_onsite
```

7. Click "Enter" to disable DHCP.

```
Do you want to use DHCP to automatically assign an IP for your system?  (y/n)[n]: n
```

8. Enter a public IP address to assign to the OnSite.

```
System IP[192.168.160.10]: public_IP_address
```

9. Enter the domain name.

```
Domain name[cyclades.com]: domainname
```

10. Enter the IP address of the DNS (domain name) server.

```
Primary DNS Server[192.168.44.21] : DNS_server_IP_address
```

11. Enter the IP address for the gateway.

```
Gateway IP[eth0] : gateway_IP_address
```

12. Enter the netmask for a subnetwork if appropriate.

```
Network Mask[#] : netmask
```

13. Enter **y** to the prompts shown in the following screen example.

```
Are all the parameters correct? (y/n)[n]: y
Do you want to save your configuration to Flash? (y/n)[n]: y
```

14. To confirm the configuration, enter the `ifconfig` command and review the output.

15. Log out.

16. Go to "Selecting a Security Profile, Adding Users, Enabling Ports and and Configuring User Access to Ports Using the Web Manager" on page 8.

Configuring Basic Networking Using the OSD

Using the OSD requires a hardware connection already made between the OnSite's Local User ports and a local monitor, keyboard, and mouse, as described under "To Connect to the Local User Ports" on page 4. When the OnSite and the monitor connected to the Local User video port are powered on, the OSD login screen appears on the monitor screen.

▼ To Configure Basic Network Parameters Using the OSD

1. Enter "admin" as the Login name.

2. Enter the "cyclades" as the Password.

If you are logging in as admin, the OSD Main Menu appears.

3. Change the admin password.

   a. Go to Configure>Users and Groups>Local Users> Change Password from the OSD Main Menu.

   b. Select the admin username.

   c. Enter the password and confirm the new password.

4. From the Main Menu, go to Configure>Network and select "DHCP."

5. Select the "disabled" option and go to the IP address screen.

6. Enter a static IP address for the OnSite and go to the Netmask screen.

   d. Enter a netmask (if needed) and go to the Gateway screen.

   e. Enter an IP address for the gateway and to the DNS Server screen.

   f. Enter an IP address for the DNS server and go to the Domain screen.

   g. Enter the domain name and to the Hostname screen.

   h. Enter the hostname for the OnSite and save the changes to complete the basic network configuration.

7. Log out from the OSD.

8. Go to: "Selecting a Security Profile, Adding Users, Enabling Ports and and Configuring User Access to Ports Using the Web Manager" on page 8."

▼ To Use a Dynamic IP Address to Access the Web Manager

This procedure assumes that DHCP is enabled and that you are know the IP address that is currently assigned to the OnSite by a DHCP server.

1. Use the OnSite's DHCP-assigned IP address in a browser to bring up the Web Manager.

2. Go to: "Selecting a Security Profile, Adding Users, Enabling Ports and and Configuring User Access to Ports Using the Web Manager" on page 8."

▼ To Use the Default IP Address to Access the Web Manager

The default IP address for the OnSite is 192.168.160.10. This procedure assumes that you are able to temporarily change the IP address of a computer that has a network route to the OnSite.

1. Change the network portion of the IP address of the computer to 192.168.160 and make sure that the host portion of the IP address is any number except 10, 0, or 255.

2. Bring up a browser on the computer whose address you changed, enter the OnSite's default IP address (http://192.168.160.10) to bring up the Web Manager, and log in.

3. To allow subsequent use of the Web Manager from any computer, go to the Wizard "Network Settings" option to change the OnSite's IP address to a static public IP address and to configure the other basic network parameters.

4. Restore the computer to its previous IP address.

Changing Root's Password

The root user must always log into the OnSite console and change the password from the default, which is "cyclades." The admin user cannot change root's password in the Web Manager or in the OSD, and root cannot log into the Web Manager or OSD to change the password. The following options are available:

- Until an IP address is configured for the OnSite, the only way that root can change the root password is to log in locally through the console port.

  If the wiz command is used for basic configuration, the root password should be changed (as in Step 3 in "To Configure Basic Network Parameters Using the wiz Command" on page 5).

- After an IP address is available for the OnSite, the remote root user can use ssh to connect to the OnSite console and log in from a remote location and change the password.

▼ To Change Root's Password

1. Connect to the OnSite's console.

2. When prompted, login as root.

```
OnSite login: root
Password: cyclades
[root@OnSite /root]#
```

The default password is "cyclades."

3. Enter the `passwd` command, and enter and confirm a new password when prompted.

```
[root@OnSite /root]# passwd
```

Selecting a Security Profile, Adding Users, Enabling Ports and and Configuring User Access to Ports Using the Web Manager

To complete configuration, the admin user can connect to the Web Manager by entering the IP address of the OnSite in a supported browser. The configuration tasks include:

*   Selecting a security profile
*   Changing the admin password.
*   Adding users and authorizing them for access to devices by configuring their access to ports,
*   Authorizing users for managing outlets on optionally connected AlterPath PM IPDUs.
*   Enabling and configuring serial ports with the appropriate settings and connection protocols to match the connected devices, and configure serial port authentication, as desired.
*   Enabling and configuring KVM ports, and configuring IPMI and IPDU power management while connected, if appropriate, and KVM port authentication as desired.

For More Information

For the configuration tasks that the administrator needs to perform, see the *AlterPath OnSite Administrator's and User's Guide*.

See the *AlterPath OnSite Installation Guide* for how to connect and configure PCMCIA cards, dumb terminals, external and internal modems, and AlterPath PM IPDUs. Also see the Safety Requirements appendix and these procedures:

*   Enabling ActiveX in the browsers of users who need to access servers through KVM ports.
*   Enabling the Java plug-in in the browsers of users who need to access devices through serial ports.

The *AlterPath OnSite Installation Guide* and the *AlterPath OnSite Administrator's and User's Guide* are at the following locations:

*   On the documentation CD shipped with the product
*   At `http://cyclades.com/support/downloads.php`, under: "AlterPath OnSite>Manuals."

Contact Cyclades, Corp. if you want to order printed versions of the manuals.