

Connecting to a DECserver

Connecting to a DECserver Through a Serial Port

If a DECserver serial port is set to *Access Local* and its baud rate is known, then it can be connected to using a “crossover” cable. When the port sees a <cr> (carriage return), it will transmit a login prompt. Login with the username “system”, **set priv**, and enter “system” for the password. The system is now available for entering commands to setup the DECserver.

For information on setup commands, refer to [DECserver and Lantronix MSS1 Setup Commands](#).

Connecting to a DECserver Through the Network

Various commands are given for making the initial connection, along with the situation where each command can be used. Finally, logging into and disconnecting from the DECserver.

If TCP/IP is setup on the DECserver and its Hostname or IP address is known, then **TELNET** can be used to connect to it, for instance:

```
telnet demsr1
```

Or:

```
telnet 192.168.0.173
```

If the proper **SETUP_LAT** command exists for the DECserver in **CONFIGURE_GENERIC.COM** and this script has been run (e.g., at workstation startup), then a convenient **NCP** command can be used to make the connection. This must be done from a VMS computer that has ports on the terminal server. For instance:

```
DEMVSA$ tools  
DEMVSA$ ncp connect node demsr1
```

If no setup at all has been done on the DECserver or in **CONFIGURE_GENERIC**, a connection can be made from a VMS computer.

The commands to use:

```
TOOLS <Return>
```

```
NCP CONNECT VIA <Ethernet device> PHYSICAL ADDRESS <MAC address of terminal server> <Return>
```

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For instance:

```
DEMWSA$ tools
DEMWSA$ ncp connect via lla-0 phy addr 08-00-2b-b5-bb-4f
```

The Ethernet device(s) are on the VMS computer. To find them, enter:

```
DEMWSA$ tools
DEMWSA$ ncp show know circuit
```

The circuit displayed is the Ethernet device. It will most commonly be LLA-0, EWA-0, or EIA-0.

The MAC address is six hexadecimal numbers separated by dashes. It is printed next to the Ethernet port of the terminal server.

After issuing your connection command, you should receive the following prompt from the DECserver:

```
#
```

At this prompt, enter the password for the terminal server. The factory default password is:

```
Access
```

This will NOT be echoed back. Enter the following:

```
Username> system
```

Next, you will get the prompt:

```
Local>
```

To perform setup on the terminal server or use advanced diagnostic commands, you must enter the following:

```
Local> set priv
Password> system
Local>
```

You can now enter commands to setup the DECserver. For information on setup commands, refer to [DECserver and Lantronix MSS1 Setup Commands](#).

CONNECTING TO A DEC SERVER

The following is a sample session describing how to connect to a terminal server, log into it, and perform **SET PRIV**, which will allow the settings to be changed.

```
DEMVSAS$ tools
DEMVSAS$ ncp connected via eia-0 phy addr 08-00-2b-b5-bb-4f
Console connected (press CTRL/D when finished)

# access      *** This will not be echoed back to you.

DECserver 90TL Communications Server V1.1A (BL45-11) - LAT V5.1

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Please type HELP if you need assistance

Enter username> system

Local> set priv
Password> system      *** This will not be echoed back to you.
Local>
```

When setup / diagnostics are completed, disconnect from the DECserver. Depending on how the original connection was made (TELNET or NCP) dictates how the disconnection is done.

For TELNET connections enter:

<CTRL>+<]> (i.e., Control and right bracket).

```
TELNET> exit
```

For NCP connections enter:

<Ctrl>+<d>