

DECserver and Lantronix MSS1 Setup Commands

This document covers setup commands for DECserver terminal servers. Commands for the Lantronix MSS1 are similar, but not identical. **HELP** on the MSS1 details the differences. It is assumed that there is already a session on the terminal server. For help on getting a session, please refer to the appropriate HSQ User Notes:

- [Connecting to a DECserver](#)
- [Initial Setup of a Lantronix MSS1 Micro Serial Server](#)
- [Connecting to Lantronix MSS1 on a Network](#)

The three most commonly used commands begin with these keywords:

- **CHANGE** — Put a new setting in both NVRAM and RAM, so it is effective immediately and will also restore after a reboot of the terminal server.
- **DEFINE** — Put a new setting in NVRAM so it will not take effect until the terminal server is rebooted or, if the setting is for a serial port, the port is logged out.
- **SET** — Put a new setting in RAM so that it is effective immediately, but do not put it in NVRAM.

The name of a terminal server is a very important setting, since the **LAT** protocol searches the network for a terminal server with a particular name, and if it finds one, starts sending and receiving bytes through that terminal server's serial ports.

An example command to change the terminal server name of a DECserver is below:

```
Local> CHANGE SERVER NAME DEMSR2
```

An example command to change the name of a Lantronix MSS1 is below:

```
Local> CHANGE NAME DEMSR2
```

An example of serial port commands to set the port for a 9600 baud RTU or serial printer connection on a DECserver is below:

```
Local> DEFINE PORT 3 ACCESS REMOTE  
Local> LOGOUT PORT 3  
Local> CHANGE PORT 3 SPEED 9600 FLOW DIS  
Local> CHANGE PORT 3 AUTO BAUD DIS AUTOPROMPT DIS VER DIS LOCK DIS LOSS NOTIFY DIS  
Local> CHANGE PORT 3 FAIL DIS MESS DOCE DIS BROAD DIS
```

DEC SERVER/LANTRONIX MSS1 SETUP COMMANDS

These allow:

- Setting into NVRAM “Remote access”, which is used if the port is connected to an RTU or serial printer. “Remote” makes the port invisible. The opposite setting is “Local”, which causes the port to send a login prompt when it sees a <cr> (carriage return) character.
- Logging out of the port, causing the “Remote access” setting to become current.
- Changing the port speed to 9600 and disable flow control. Other choices for flow control are “CTS” and “XON”.
- Disabling some features not normally used by HSQ.
- Disabling more features not normally used by HSQ.

On a Lantronix MSS1 single-port terminal server, the equivalent commands would be:

```
Local> CHANGE ACCESS REMOTE  
Local> CHANGE SPEED 9600  
Local> CHANGE FLOW NONE
```

This is due to fewer optional features existing on the MSS1 compared to a DECserver.