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DX940E - How to Reset to Factory Default

John M - 2019-12-23 - DX/10XTS Routers

How to Reset DX940e to Factory Default

Only time you will need to reset the switch to factory default.

- 1. If you have forgotten password of DX940e, or
- 2. you want to re-configure the device again.

To reset the device to factory default, you will need CLI (Command Line Interface) access using console port (9-pin DB9 connector) on the device. You will also need Serial Communication application like Tera Term or Putty.

Pre-requisites:

- 1. Access to device
- 2. Null Modem serial cable (USB to DB9 connector cable)
- 3. Serial Communication Software for example Tera Term, or Putty

Connect DX940e with a serial null modem cable (USB to DB9 connector cable) on the console port of the device, and USB port on your Laptop. Open a serial communication application like Term Term or Putty to get the CLI (Command Line Interface) access to the device. Set the COM Port Setting for Serial Port:

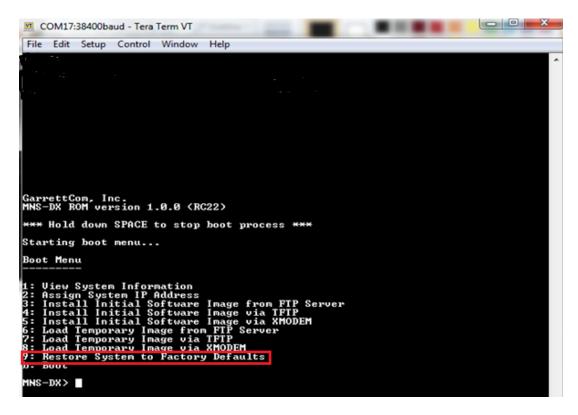
Baud Rate: 38400, Data: 8bits, Parity: none, Stop bits: 1 bit, Flow

Control: none

Power cycle the device, once it's start booting, you will see a message

###Hold down SPACE key to stop boot process ###

Note: Press the "SPACE BAR" on your laptop or PC, or keep tapping the "SPACE BAR" key, till you see the sentence **Starting boot menu...**



Type "9" at the prompt, and press Enter Key to Restore System to Factory Defaults. You will see the warning message as shown in screen below:

Select "yes" Are you sure you want to continue. This will erase the configuration file, and leave the switch with factory default and firmware. See screen below:

```
GarrettCom, Inc.
MNS-DX ROM version 1.0.0 (RC22)

*** Hold down SPACE to stop boot process ***

Starting boot menu...

Boot Menu

1: View System Information
2: Assign System IP Address
3: Install Initial Software Image from FIP Server
4: Install Initial Software Image via IFIP
5: Install Initial Software Image via XMODEM
6: Load Iemporary Image from FIP Server
7: Load Iemporary Image via IFIP
8: Load Iemporary Image via IFIP
8: Load Iemporary Image via XMODEM
9: Restore System to Factory Defaults
b: Boot

MNS-DX> 9

*** WARNING !!!

Executing this command will restore the system to its original factory default state. All files EXCEPI software images will be PERMANENTLY ERASED.

Are you sure you want to continue (yes or no)? yes

Mounting file system...

Erasing files...
```

Once the switch boots up again, you can login using factory default Login and Password					
Login: manager					
Password: manager					
See the screen below:					
The device is set to factory default					
You can verify by checking the default IP address, run this command at the prompt:					
MagnumDX# ip show address					
Interface Status	DHO	CP Address	Subnet Mask	Remote Addre	ss Sys
Default Up	No	192.168.1.2	255.255.255.0	Yes	
CELL1 Down	No			No	

