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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 FTP Server

4: Install Initial Software Image via TFTP

5: Install Initial Software Image via TFTP

5: Install Initial Software Image via TFTP

5: Load Iemporary Image from FTP Server

7: Load Iemporary Image via TFTP

8: Load Iemporary Image via XMODEM

9: Restore System to Factory Defaults

b: Boot

MNS-DX> 9

/// WARNING fil

Executing this command will restore the system to its original

factory default state. All files EXCEPT 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

=======	=======	=====		=== ===	======	
		=			=	
Status						
Interface	DHCP Addre	ss Su	ibnet Mask	Remote	e Address	Sys

Default Up	No	192.168.1.2	255.255.255.0	Yes
CELL1	No			No
Down				

File Edit Setur	o Control Window Help	and the second second	and the second second	-
The East Seta	o control mildon help			
GarrettCom.	Inc.			
MNS-DX ROM U	ersion 1.0.0 (RC22)			
××× Hold dow	n SPACE to stop boot y	process xxx		
Booting				
Loading OS	.13220 + 6395612			
Starting at	0x5000000			
Thic custem	is fow the use of aut)	usews only		
Individuals	using this system are	subject to having	their	
accivities m	onitoreu anu recorueu	by auchorized com	pany personnel.	
Anyone using advised that	this system expressly if such monitoring re	/ consents to such veals possible ev	monitoring and i idence	S
of criminal of such moni	activity, company pers toring to enforcement	onnel may provide officials.	the evidence	
Login: manag	en			
Password:	61			
MagnumDX# ip	show address			
Interface	DHCP Address	Subnet Mask	Remote Address	Sys Sta
Default	No 192.168.1.2	255.255.255.0		Yes Up
GEINNI	No			No Dou
Massa				