



M3200 CLI User Manual

PureStream

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Change Log

Version	Date	Description
1.0	2020.08.27	First release

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1. System

1.1 ARPTable

1. Description

Display ARP table of switch

2. Command

```
System>ARPTable
```

3. Example

```
system>arptable
```

IP Address	MAC Address
192.168.17.182	FC:77:74:67:1B:D2
192.168.17.44	74:D8:3E:35:64:7F
192.168.16.254	18:31:BF:39:55:00

1.2 System Autologout

1. Description

Set the waiting time of auto logout

2. Command

```
System>Autologout [<timeout> 1-60 min(s), 0 is off]
```

3. Example

```
System>autologout 60
```

1.3 System-Bootimage

1. Description

Select booting image of switch

2. Command

```
System>bootimage [image <1|2>]
```

3. Example

```
System>bootimage 1
```

Image 1 will be active as first priority after reboot

1.4 Command Tree

1. Description

Import or export configuration file of switch to external TFTP server

2. Command

```
System>ConfigAccess [import|export] <url> [reboot <enable|disable>]
```

3. Example

```
System>configaccess import tftp://192.168.16.66/config.yml enable
```

System ConfigAccess Success

1.5 System Configuration

1. Description

System Information Display

2. Command

```
System>Configuration
```

3. Example

```
system>configuration

Name                M3200
Description          32-Port 10GE Modular L2+/L3* Management Switch with PoE+
Location            Taiwan Taipei
Contact
LogoutTime          0
Oid                 1.3.6.1.4.1.51678.102.3.1
MacAddr             E8:DE:D6:90:00:01
Date                Fri Aug 21 16:34:27 CST 2020
Uptime              1579
SWVersion           V1.02.18
HWModel             M3200
HWDescription        32-Port 10GE Modular L2+/L3* Management Switch with PoE+
Serial Number       1902070001900001
```

1.6 System Contact

1. Description

Set information of system contact.

2. Command

```
System>Contact
```

3. Example

```
system>contact

Contact              intrising
```

1.7 System Description

1. Description

Set information of system description.

2. Command

```
System>Description
```

3. Example

```
system>Description
```

Description	32-Port 10GE Modular L2+/L3*
Management Switch with PoE+	

1.8 System DHCPclient

1. Description

Enable or disable DHCP client of the switch

2. Command

```
System>DHCPclient[enable|disable]
```

3. Example

```
system>dhcpclient enable  
system>dhcpclient disable
```

1.9 System Imagestatus

1. Description

Display the firmware version of both images

2. Command

```
system>imagestatus
```

3. Example

ID	Active	Version

1	true	V1.02.18
2	false	V1.02.18

1.10 System Location

1. Description

Set information of system location

2. Command

```
System>location
```

3. Example

```
system>location
```

```
Location                      New York City
```

1.11 System Log

1. Description

List all event log

2. Command

```
System>Log
```

3. Example

```
system>log
```

Time	Type	Massages
Aug 26, 2020 at 12:02pm (CST)	auth	Login Success - admin
Aug 26, 2020 at 1:19pm (CST)	auth	Login Success - admin
Aug 26, 2020 at 1:57pm (CST)	auth	Login Success - admin

1.12 System Memory

1. Description

Display information of memory usage

2. Command

```
system>memory
```

3. Example

```
system>memory
```

Memory Total	3109684
Memory Free	2846636

1.13 System Name

1. Description

Display information of model name of switch

2. Command

```
system>Name
```

3. Example

```
system>name
```

Name	M3200
------	-------

1.14 System NetsettingIPv4

1. Description

Set IPv4 IP address of switch

2. Command

```
System>netsettingipv4 <ipv4_addr> <netmask> <gateway> <dns>
```

3. Example

```
system>netsettingipv4
```

IPv4 Address :	192.168.16.1
Netmask :	255.255.255.0
Gateway :	192.168.16.254
Dns :	8.8.8.8

1.15 System NetsettingIPv 6

1. Description

Set IPv6 IP address of switch

2. Command

```
System>netsettingipv6 <ipv6_addr/prefix_length> <clear>
```

3. Example

```
system>netsettingipv6 2001:288:75ae::200/64
```

1.16 System Netstatus

1. Description

Display IP address

2. Command

```
system>Netstatus
```

3. Example

```
system>netstatus

IPv4 Address :           192.168.17.135
IPv6 Address :
Netmask :               255.255.254.0
Gateway :               192.168.16.254
Dns :                   192.168.16.254 192.168.16.254
```

1.17 System Ping

1. Description

Ping the IP of other network device

2. Command

```
System>ping <IP addr>
```

3. Example

```
system>ping 192.168.17.135  
  
Host 192.168.17.135 is alive
```

1.18 System PXEclient

1. Description

Set switch as PXE client.

2. Command

```
System>PXEclient [enable|disable] <vendor_id> <sys_architecture>  
<uuid>
```

3. Example

```
system>PXEclient  
  
Enable: true  
VendorID :  
Architecture : IA x86 PC  
UUID :
```

1.19 System Reboot

1. Description

Reboot switch

2. Command

```
System>Reboot
```

3. Example

```
system>reboot  
  
System will reboot
```

1.20 System Rescue

1. Description

Load image file from host to rescue damage image

2. Command

```
System>rescue <image> <url>
```

3. Example

```
system>rescue 1 tftp://192.168.17.135/rescue_.tgz
```

1.21 System Restoredefault

1. Description

Reset the settings of system

2. Command

```
System>restoredefault [keepnone | keepall | keepip | keepuser]
```

3. Example

```
system>restoredefault keepip
```

System will reboot

1.22 System Save

1. Description

Save setting of system

2. Command

```
System>Save
```

3. Example

```
system>save  
Save configuration success
```

1.23 System Upgrade

1. Description

Upgrade firmware with booting image 1/2 via TFTP/FTP service and define if system will reboot or not after upgrading

2. Command

```
System>Upgrade <url> [image <1|2>] [reboot <enable|disable>]
```

1.24 System Save

1. Description

Save setting of system

2. Command

```
system>save
```

3. Example

```
system>save  
Save configuration success
```

2. Port

2.1 Port Configuration

1. Description

Display Port information

2. Command

```
PORT>Configuration [<port_list>]
```

3. Example

```
port>Configuration
```

Port	Enabled	Description	Speed	FlowControl

1	true	Port 1	auto	false
2	true	Port 2	auto	false
3	true	Port 3	auto	false
4	true	Port 4	auto	false
5	true	Port 5	auto	false
6	true	Port 6	auto	false
7	true	Port 7	auto	false
8	true	Port 8	auto	false
9	true	Port 9	auto	false
10	true	Port 10	auto	false
11	true	Port 11	auto	false
12	true	Port 12	auto	false
13	true	Port 13	auto	false
14	true	Port 14	auto	false
15	true	Port 15	auto	false
16	true	Port 16	auto	false
17	true	Port 17	auto	false
18	true	Port 18	auto	false
19	true	Port 19	auto	false
20	true	Port 20	auto	false
21	true	Port 21	auto	false
22	true	Port 22	auto	false
23	true	Port 23	auto	false
24	true	Port 24	auto	false
25	true	Port 25	auto	false
26	true	Port 26	auto	false

2.2 Port Description

1. Description

Display or edit the Port Description.

2. Command

```
PORT>Description <port_list> <description>
```

3. Example

```
port>Description
```

Port	Description

1	Port 1
2	Port 2
3	Port 3
4	Port 4
5	Port 5
6	Port 6
7	Port 7
8	Port 8
9	Port 9
10	Port 10
11	Port 11
12	Port 12
13	Port 13
14	Port 14
15	Port 15
16	Port 16
17	Port 17
18	Port 18
19	Port 19
20	Port 20
21	Port 21
22	Port 22
23	Port 23
24	Port 24
25	Port 25
26	Port 26

2.3 Port EgressRate

1. Description

Display or modify the filter rate under Egress mode.

2. Command

```
Port>EgressRate [<port_list>] [<rate> kbps]
```

3. Example

```
port>EgressRate
```

PortNo	Rate

1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0

2.4 Port Enabled

1. Description

Enable port connection.

2. Command

```
Port>Enabled [<port_list>] [enable|disable]
```

3. Example

```
port>enabled
```

Port	Enabled

1	true
2	true
3	true
4	true
5	true
6	true
7	true
8	true
9	true
10	true
11	true
12	true
13	true
14	true
15	true
16	true
17	true
18	true
19	true
20	true
21	true
22	true
23	true
24	true
25	true
26	true

2.5 Port Flow Control

1. Description

Turn on/ off interfaces' flowcontrol

2. Command

```
Port>FlowControl [<port_list>] [enable|disable]
```

3. Example

```
port>FlowControl
```

Port	FlowControl

1	false
2	false
3	false
4	false
5	false
6	false
7	false
8	false
9	false
10	false
11	false
12	false
13	false
14	false
15	false
16	false
17	false
18	false
19	false
20	false
21	false
22	false
23	false
24	false
25	false
26	false

2.6 Port Ingress Rate

1. Description

Set the filter rate under Ingress mode.

2. Command

```
Port>IngressRate [<port_list>] [<rate> kbps] [broadcast |
multicast | unicast |
```

3. Example

```
port>IngressRate
```

PortNo	Rate	Type
1	0	unicast+multicast+broadcast
2	0	unicast+multicast+broadcast
3	0	unicast+multicast+broadcast
4	0	unicast+multicast+broadcast
5	0	unicast+multicast+broadcast
6	0	unicast+multicast+broadcast
7	0	unicast+multicast+broadcast
8	0	unicast+multicast+broadcast
9	0	unicast+multicast+broadcast
10	0	unicast+multicast+broadcast
11	0	unicast+multicast+broadcast
12	0	unicast+multicast+broadcast
13	0	unicast+multicast+broadcast
14	0	unicast+multicast+broadcast
15	0	unicast+multicast+broadcast
16	0	unicast+multicast+broadcast
17	0	unicast+multicast+broadcast
18	0	unicast+multicast+broadcast
19	0	unicast+multicast+broadcast
20	0	unicast+multicast+broadcast
21	0	unicast+multicast+broadcast
22	0	unicast+multicast+broadcast
23	0	unicast+multicast+broadcast
24	0	unicast+multicast+broadcast
25	0	unicast+multicast+broadcast
26	0	unicast+multicast+broadcast

2.7 Port Speed

1. Description

Display and Modify the speed of each switch port

2. Command

```
Port>Speed <port_list>  
[10half|10full|100half|100full|1000full|10000full|auto]
```

3. Example

```
port>Speed
```

Port	Speed
1	auto
2	auto
3	auto
4	auto
5	auto
6	auto
7	auto
8	auto
9	auto
10	auto
11	auto
12	auto
13	auto
14	auto
15	auto
16	auto
17	auto
18	auto
19	auto
20	auto
21	auto
22	auto
23	auto
24	auto
25	auto
26	auto

2.8 Port Statistics

1. Description

Display or clear the port statistics information.

2. Command

```
Port>Statistics [<detail|clear>] <port_list>
```

3. Example

```
port>Statistics
```

Port	TX Good	RX Good	RX Bad	Collision	RX BCAST	RX MCAST	TX MCAST
1	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0
4	24413	258742	0	0	80361	155982	3002
5	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0

2.9 Port Status

1. Description

Display Port status

2. Command

```
Port>Status [<port_list>]
```

3. Example

```
port>Status
```

Port	GroupID	Type	Link	State	Speed	Duplex	FlowControl
1	N/A	10GTX	down	true	N/A	N/A	N/A
2	N/A	10GTX	down	true	N/A	N/A	N/A
3	N/A	10GTX	down	true	N/A	N/A	N/A
4	N/A	10GTX	up	true	1000	Full	false
5	N/A	10GTX	down	true	N/A	N/A	N/A
6	N/A	10GTX	down	true	N/A	N/A	N/A
7	N/A	10GTX	down	true	N/A	N/A	N/A
8	N/A	10GTX	down	true	N/A	N/A	N/A
9	N/A	10GTX	down	true	N/A	N/A	N/A
10	N/A	10GTX	down	true	N/A	N/A	N/A
11	N/A	10GTX	down	true	N/A	N/A	N/A
12	N/A	10GTX	down	true	N/A	N/A	N/A
13	N/A	10GTX	down	true	N/A	N/A	N/A
14	N/A	10GTX	down	true	N/A	N/A	N/A
15	N/A	10GTX	down	true	N/A	N/A	N/A
16	N/A	10GTX	down	true	N/A	N/A	N/A
17	N/A	XGSFP	down	true	N/A	N/A	N/A
18	N/A	XGSFP	down	true	N/A	N/A	N/A
19	N/A	XGSFP	down	true	N/A	N/A	N/A
20	N/A	XGSFP	down	true	N/A	N/A	N/A
21	N/A	XGSFP	down	true	N/A	N/A	N/A
22	N/A	XGSFP	down	true	N/A	N/A	N/A
23	N/A	XGSFP	down	true	N/A	N/A	N/A
24	N/A	XGSFP	down	true	N/A	N/A	N/A
25	N/A	40GSFP	down	true	N/A	N/A	N/A
26	N/A	40GSFP	down	true	N/A	N/A	N/A