

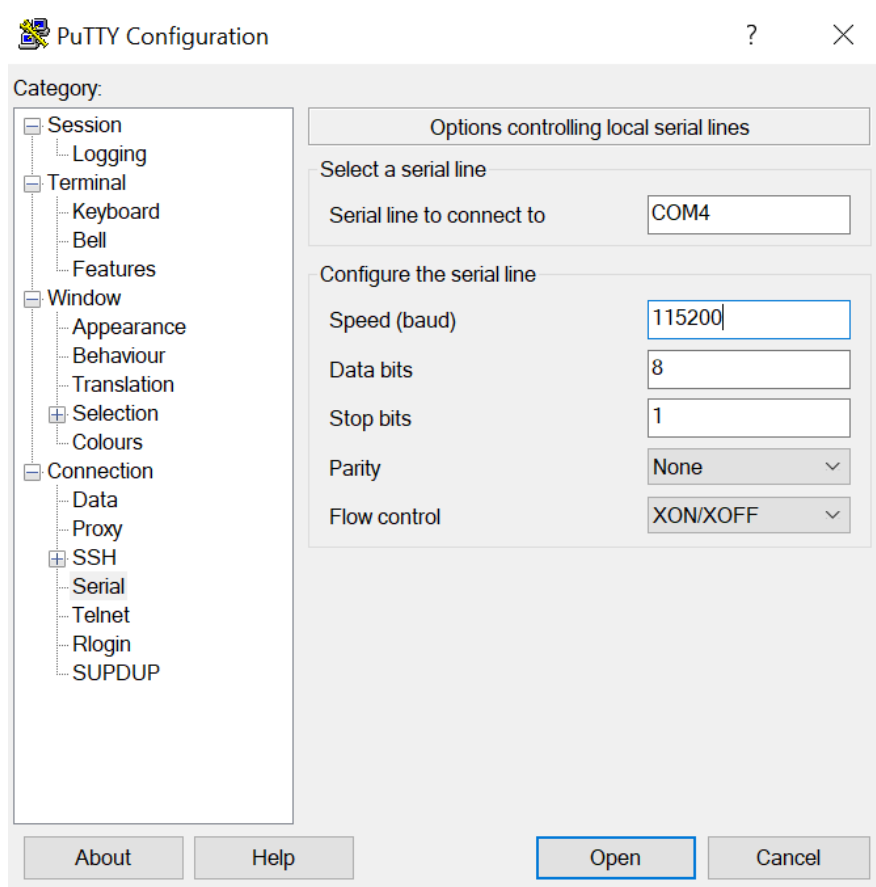
GGM GS200 Range

Examples of commands via the console Port

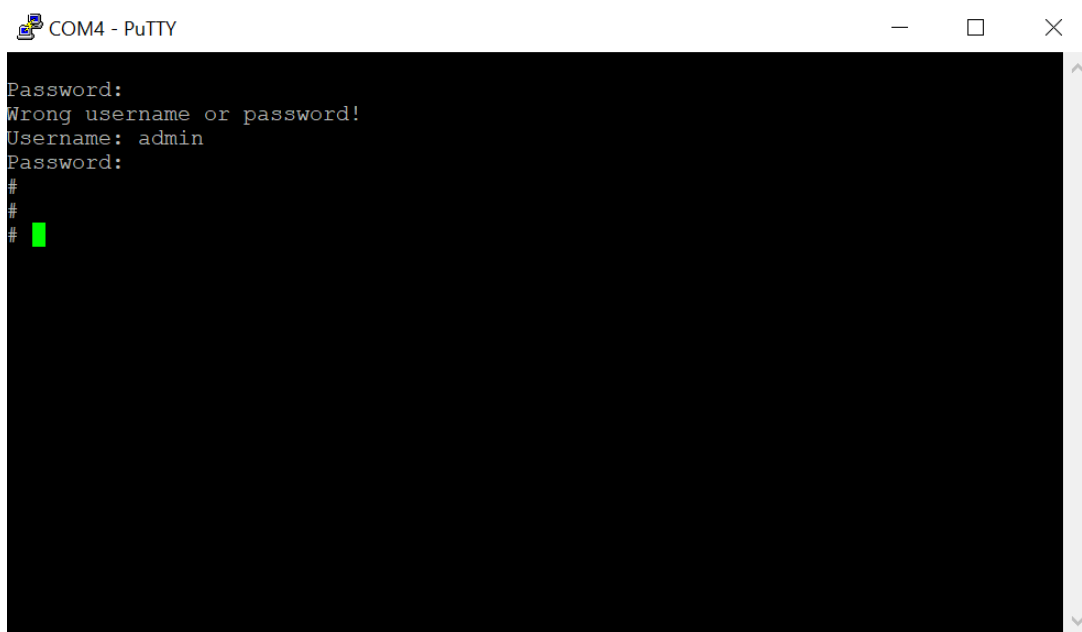


Before start :

[\[GGM GS200 Range\] How to use the console Port ?](#)



Press the OPEN button, a black screen should open, press the enter key then connect to your switch.



Some usefull commands :

Show version : allows you to see switch information (MAC Address, version, etc)

```
# show version

MEMORY           : Total=80461 KBytes, Free=59439 KBytes, Max=59052 KBytes
FLASH            : 0x40000000-0x40ffffff, 256 x 0x10000 blocks
MAC Address      : 8c-79-21-02-cb-93
Serial No       :
Previous Restart : Cool

System Contact   : www.gigamedia.net
System Name      : Switch
System Location  :
Timezone Offset  : 0
System Time      : 1970-01-01T00:38:30+00:00
System Uptime    : 00:38:30

Active Image
-----
Image            : FW_GGMGS20024P2S_10_01_2020_EN.dat (primary)
Version          : V2.1
Date             : 2020-01-10T06:47:07-08:00

Alternate Image
-----
```

Show loop-protect: allows you to see if there are loops and if the protection is active

```
# show loop-protect

Loop Protection Configuration
=====
Loop Protection      : Disable
Transmission Time   : 5 sec
Shutdown Time       : 180 sec

GigabitEthernet 1/1
-----
    Loop protect mode is enabled.
    Action is shutdown.
    Transmit mode is enabled.
    No loop.
    The number of loops is 0.
    Status is down.

GigabitEthernet 1/2
-----
    Loop protect mode is enabled.
    Action is shutdown.
    Transmit mode is enabled.
    No loop.
-- more --, next page: Space, continue: g, quit: ^C
```

Reload cold: allows the reboot of the switch

```
# reload cold
% Cold reload in progress, please stand by.
# W ddmi 65/read_ddmi_a0#345: Warning: SFP Module on Port 25 have no vendor information
W ddmi 65/read_ddmi_a0#345: Warning: SFP Module on Port 26 have no vendor information
+M25PXX : Init device with JEDEC ID 0xC22018.
Luton26 board detected (VSC7427 Rev. D).

RedBoot(tm) bootstrap and debug environment [ROMRAM]
Non-certified release, version 1_20-Vitesse - built 01:17:53, Jul 14 2019

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Platform: VCore-III (MIPS32 24KEc) LUTON26
RAM: 0x80000000-0x88000000 [0x80027c30-0x87fdfff0 available]
FLASH: 0x40000000-0x40ffffff, 256 x 0x10000 blocks
== Executing boot script in 3.000 seconds - enter ^C to abort
RedBoot> diag -a
Hardware self-test: ... Passed
IS1 TCAM self-test: ... Passed
IS2 TCAM self-test: ... Passed
ES0 TCAM self-test: ... Passed
DDR SDRAM: Testing [0x80027c30-0x87fdfff0] - Zero Sweep Done
DDR SDRAM: Testing [0x80027c30-0x87fdfff0] - Write Sweep .....
..... Done
DDR SDRAM: Testing [0x80027c30-0x87fdfff0] - Read Sweep .....
..... Done
3 tests completed successfully.
RedBoot> fis load -d managed
Image loaded from 0x80040000-0x80e40350
RedBoot> go

Press ENTER to get started
```

Reload defaults: allows you to reset the switch

```
# reload defaults
% Reloading defaults. Please stand by.
# GigabitEthernet 1/25 does not have PoE support
GigabitEthernet 1/26 does not have PoE support
```

Ping ip [adresse ip]: allows you to ping a defined address

```
# ping ip 192.168.2.190
PING server 192.168.2.190, 56 bytes of data.
64 bytes from 192.168.2.190: icmp_seq=0, time=0ms
64 bytes from 192.168.2.190: icmp_seq=1, time=0ms
64 bytes from 192.168.2.190: icmp_seq=2, time=0ms
64 bytes from 192.168.2.190: icmp_seq=3, time=0ms
64 bytes from 192.168.2.190: icmp_seq=4, time=0ms
Sent 5 packets, received 5 OK, 0 bad
```

show mac address-table: allows you to see mac vlans

```
# show mac address-table
Type      VID  MAC Address      Ports
Static    1    00:23:63:32:18:11 GigabitEthernet 1/5,14,21
Static    1    33:33:00:00:00:01 GigabitEthernet 1/1-26 CPU
Static    1    33:33:00:00:00:02 GigabitEthernet 1/1-26 CPU
Static    1    33:33:ff:02:cb:93 GigabitEthernet 1/1-26 CPU
Dynamic   1    74:78:27:16:da:f7 GigabitEthernet 1/8
Static    1    8c:79:21:02:cb:93  CPU
```