

• MobaXterm Personal Edition v21.4 •
(X server, SSH client and network tools)

- Your computer drives are accessible through the `/drives` path
- Your DISPLAY is set to `172.26.1.186:0.0`
- When using `SSH`, your remote DISPLAY is automatically forwarded
- Each command status is specified by a special symbol (`v` or `x`)

• Important:

This is MobaXterm Personal Edition. The Professional edition allows you to customize MobaXterm for your company: you can add your own logo, your parameters, your welcome message and generate either an MSI installation package or a portable executable. We can also modify MobaXterm or develop the plugins you need. For more information: <https://mobaxterm.mobatek.net/download.html>

```
10/07/2023 13:21.52 /home/mobaxterm ssh root@172.27.1.174
```

```
X11 forwarding request failed on channel 0
```

```
Linux localhost.PALCNETWORKS.COM 5.4.40-OpenNetworkLinux #1 SMP Mon Jul 3 16:13:41 UTC 2023 x86_64
```

```
Last login: Mon Jul 10 07:46:26 2023 from 172.26.1.186
```

```
root@localhost:~#
```

```
root@localhost:~# gscli
```

```
>
```

```
>
```

```
> show in brief
```

name	oper-status	admin-status	alias
Ethernet1_1	up	up	QSFP1-1
Ethernet1_2	down	down	QSFP1-2
Ethernet1_3	down	down	QSFP1-3
Ethernet1_4	down	down	QSFP1-4
Ethernet2_1	down	down	QSFP2-5
Ethernet3_1	up	up	QSFP3-9
Ethernet3_2	down	down	QSFP3-10
Ethernet3_3	down	down	QSFP3-11
Ethernet3_4	down	down	QSFP3-12
Ethernet4_1	down	down	QSFP4-13
Ethernet5_1	down	down	QSFP5-17
Ethernet6_1	down	down	QSFP6-21
Ethernet7_1	down	down	QSFP7-25
Ethernet8_1	down	down	QSFP8-29
Ethernet9_1	down	down	QSFP9-33
Ethernet10_1	down	down	QSFP10-37
Ethernet11_1	down	down	QSFP11-41
Ethernet12_1	down	down	QSFP12-45
Ethernet13_1	down	down	QSFP13-49
Ethernet14_1	down	down	QSFP14-53
Ethernet15_1	down	down	QSFP15-57
Ethernet16_1	down	down	QSFP16-61
Ethernet17_1	down	down	QSFP17-65
Ethernet18_1	down	down	QSFP18-69

Ethernet19_1	down	down	QSFP19-73
Ethernet20_1	down	down	QSFP20-77
Ethernet21_1	down	down	QSFP21-81
Ethernet22_1	down	down	QSFP22-85
Ethernet23_1	down	down	QSFP23-89
Ethernet24_1	down	down	QSFP24-93
Ethernet25_1	down	down	QSFP25-97
Ethernet26_1	down	down	QSFP26-101
Ethernet27_1	down	down	QSFP27-105
Ethernet28_1	down	down	QSFP28-109
Ethernet29_1	down	down	QSFP29-113
Ethernet30_1	down	down	QSFP30-117
Ethernet31_1	down	down	QSFP31-121
Ethernet32_1	down	down	QSFP32-125
Ethernet33_1	down	down	CPU1-130
Ethernet34_1	down	down	CPU2-132

+-----+-----+-----+-----+

```

>
>
>
>
>
> portchannel PortChannel101
portchannel(PortChannel101)> no shutdown
portchannel(PortChannel101)> q
>
>
> interface Ethernet1_1
interface(Ethernet1_1)> portchannel PortChannel101 mode static
interface(Ethernet1_1)>
interface(Ethernet1_1)> q
>
> interface Ethernet3_1
interface(Ethernet3_1)>
interface(Ethernet3_1)> switchport
Execute 'exit' to exit
interface(Ethernet3_1)> portchannel PortChannel101 mode static
interface(Ethernet3_1)> q
>
>
>
> show portchannel
Portchannel ID      oper-status      admin-status      Interfaces          Mode
-----
PortChannel101     up               up                Ethernet1_1, Ethernet3_1  static
> q
> e

```

```

root@localhost:~#
root@localhost:~#
root@localhost:~# bcmcmd "trunk show"
trunk show
Device supports 1088 trunk groups:
  1024 front panel trunks (0..1023), 256 ports/trunk

```

64 fabric trunks (1024..1087), 64 ports/trunk
trunk 0: (front panel, 2 ports)=xe0,xel dlf=any mc=any ipmc=any psc=portflow (0x9)

```
drivshell>
root@localhost:~#
root@localhost:~#
root@localhost:~#
root@localhost:~# bcmcmd ps
```

cut	loop	port	ena/ link	Lns	speed/ duplex	link scan	auto neg?	STP state	pause	discrd	lrm ops	inter face	max frame
thru?	back												
9122	No	ce0(1)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce1(5)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce2(9)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce3(13)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce4(17)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce5(21)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce6(25)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce7(29)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce8(34)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce9(38)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce10(42)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	ce11(46)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	xe0(50)	up	1	10G	FD	SW No	Forward		None	FA	CR	
No		hg0(51)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122
No		hg1(52)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122
No		hg2(53)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122
9122	No	ce12(54)	!ena	4	100G	FD	SW No	Forward		None	FA	CR4	
9122	No	xe1(58)	up	1	10G	FD	SW No	Forward		None	FA	CR	
No		hg3(59)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122
No		hg4(60)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122
No		hg5(61)	!ena	1	10G	FD	None No	Forward		None	FA	CR	9122

```

9122 ce13( 62) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 xe2( 66) !ena 1 10G FD SW No Forward None FA SFI
9122 No
9122 ce14( 68) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce15( 72) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce16( 76) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce17( 80) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce18( 84) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce19( 88) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce20( 92) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce21( 96) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 xe3(100) !ena 1 10G FD SW No Forward None FA SFI
9122 No
9122 ce22(102) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce23(106) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce24(110) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce25(114) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce26(118) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce27(122) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce28(126) !ena 4 100G FD SW No Forward None FA CR4
9122 No
9122 ce29(130) !ena 4 100G FD SW No Forward None FA CR4
9122 No

```

```

drivshell>
root@localhost:~#
root@localhost:~#
root@localhost:~#
root@localhost:~# k exec -it usonic-teamd-844bb9fbcc-4265c -- bash
Defaulted container "teamsyncd" out of: teamsyncd, teammgrd, wait-core (init)
root@localhost:/#
root@localhost:/# teamdctl PortChannel101 config dump
{
  "device": "PortChannel101",
  "hwaddr": "a8:2b:b5:17:d2:58",
  "ports": {
    "Ethernet1_1": {
      "link_watch": {
        "name": "ethtool"
      }
    }
  }
}

```

```

    },
    "Ethernet3_1": {
        "link_watch": {
            "name": "ethtool"
        }
    }
},
"runner": {
    "name": "loadbalance",
    "tx_hash": [
        "eth",
        "ipv4",
        "ipv6"
    ]
}
}
root@localhost:/#
root@localhost:/#
root@localhost:/#
root@localhost:/# teamdctl PortChannel101 state dump
{
    "ports": {
        "Ethernet1_1": {
            "ifinfo": {
                "dev_addr": "a8:2b:b5:17:d2:58",
                "dev_addr_len": 6,
                "ifindex": 147,
                "ifname": "Ethernet1_1"
            },
            "link": {
                "duplex": "half",
                "speed": 0,
                "up": true
            },
            "link_watches": {
                "list": {
                    "link_watch_0": {
                        "delay_down": 0,
                        "delay_up": 0,
                        "down_count": 0,
                        "name": "ethtool",
                        "up": true
                    }
                }
            },
            "up": true
        }
    },
    "Ethernet3_1": {
        "ifinfo": {
            "dev_addr": "a8:2b:b5:17:d2:58",
            "dev_addr_len": 6,
            "ifindex": 152,
            "ifname": "Ethernet3_1"
        },
        "link": {

```

```
        "duplex": "half",
        "speed": 0,
        "up": true
    },
    "link_watches": {
        "list": {
            "link_watch_0": {
                "delay_down": 0,
                "delay_up": 0,
                "down_count": 0,
                "name": "ethtool",
                "up": true
            }
        },
        "up": true
    }
}
},
"setup": {
    "daemonized": true,
    "dbus_enabled": false,
    "debug_level": 1,
    "kernel_team_mode_name": "loadbalance",
    "pid": 11,
    "pid_file": "/var/run/teamd/PortChannel101.pid",
    "runner_name": "loadbalance",
    "zmq_enabled": false
},
"team_device": {
    "ifinfo": {
        "dev_addr": "a8:2b:b5:17:d2:58",
        "dev_addr_len": 6,
        "ifindex": 177,
        "ifname": "PortChannel101"
    }
}
}
root@localhost:/#
```