Cool Commands:
show interfaces status

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There are a handful of commands that I user *every* day and **show interfaces status** is one of them. By adding the optional **status** argument to the **show interfaces** command, you get a concise look at many of the most important switch port characteristics.

```
sw1#show interfaces status

Port        Name                    Status      Vlan        Duplex  Speed Type
Gi1/0/1                             err-disabled 100          full    100 10/100/1000BaseTX
Gi1/0/2                             notconnect   1            auto   auto 10/100/1000BaseTX
Gi1/0/3                             notconnect   1            auto   auto 10/100/1000BaseTX
Gi1/0/4                             notconnect   1            auto   auto 10/100/1000BaseTX
Gi1/0/5                             notconnect   1            auto   auto 10/100/1000BaseTX

sw1#show interfaces gi1/0/1 status

Port        Name                    Status      Vlan        Duplex  Speed Type
Gi1/0/1     ->sw2 f1/0/1  DMZ       connected   100          a-full  a-100 10/100/1000BaseTX
```

show interfaces status

show interfaces

Use the **show interfaces** privileged EXEC command to display the administrative and operational status of all interfaces or a specified interface.

show interfaces [*interface-id* | **vlan** *vlan-id*] [**accounting** | **capabilities** [**module** *number*] | **counters** | **description** | **etherchannel** | **flowcontrol** | **private-vlan mapping** | **pruning** | **stats** | **status** [**err-disabled**] | **switchport** [**backup** | **module** *number*] | **transceiver** {**tengigabit** *interface-id*} | **properties** | **detail** [**module** *number*] | **trunk**] [| {**begin** | **exclude** | **include**} *expression*]

status

(Optional) Display the status of the interface. A status of *unsupported* in the Type field means that a non-Cisco small form-factor pluggable (SFP) module is inserted in the module slot.

```
sw1#show interfaces gi1/0/1 status

Port       Name                  Status        Vlan      Duplex  Speed Type
Gi1/0/1    ->sw2 f1/0/1 DMZ      connected     100       a-full  a-100 10/100/1000BaseTX
```

show interfaces status

With this single command IOS gives you:

- **Port ID**
- **Port description**
- **Port status** (connected, notconnect, disabled, err-disabled)
- **Port VLAN** (VLAN id, trunk, routed, private VLANs)
- **Port duplex** (full, half, auto, a-full, a-half)
- **Port speed** (depends on port capabilities, auto negotiated speed preceded by **a-**)
- **Port media type** (varies by port capabilities, unsupported)

```
sw1#show interfaces gi1/0/1 status
Port       Name               Status       Vlan       Duplex  Speed Type
Gi1/0/1    ->sw2 f1/0/1 DMZ   connected    100        a-full  a-100 10/100/1000BaseTX


sw1#show interfaces gi1/0/1 status
Port       Name               Status       Vlan       Duplex  Speed Type
Gi1/0/1    ->dot1q trunk      connected    trunk      a-full  a-100 10/100/1000BaseTX


sw1#show interfaces gi1/0/1 status
Port       Name               Status       Vlan       Duplex  Speed Type
Gi1/0/1    ->sw2 f1/0/1 DMZ   connected    routed      half     10 10/100/1000BaseTX
```