Flexi License

Flexi license allows you to select the port of your choice . When you buy a chassis few ports are enabled for free of charge (4*1G ports are enbaled by default). With this license in place, you can choose the ports of your choice to activate additional 4*10G ports on the chassis.

By deactivating the enabled port, you can activate other ports of your choice.

Note   Flexi Licensing is applicable for both, 1G and 10G ports.

Note   This license upgrade will not disturb the existing port state.

Prerequisites for Flexi Licensing

Before activating this license, you must obtain and install the license. For information on obtaining and installing licenses, see Configuring the Cisco IOS Software Activation Feature.

Flexi license restrictions for dual rate ports

- If 10G license is installed for a dual rate port and SFP is inserted in that port, the interface will come up in 1G mode.

- If 10G license is installed for a dual rate port and SFP+ is inserted in that port, the interface will come up in 10G mode.

- If 10G license is **not** installed for particular port and SFP is inserted, the interface will come up in 1G mode.

- If there is a 10G license and SFP+ is inserted in the chassis(for the ports Te0/0/4-Te0/0/7), Te0/0/4–Te0/0/7 will come up in 10G mode.

- If sufficient 10G licenses are not available for a port and an SFP+ is inserted, the 10G mode is not enabled. The interface will be in 'link down state' and the following system warning message will be generated.
  ```
  Warning: SFP+ inserted at port X tengig license not in use
  ```

Information about Flexi Licensing

With this license, you can choose the ports of your choice to activate 4 ports on the chassis.

Below table displays the details of the licensed and non licensed ports on different models of the Cisco NCS 520 series.

Cisco NCS 520 Series models	1G ports	10G ports
N520-4G4Z-A N520-X-4G4Z-A N520-X-4G4Z	All 4 ports will operate in 1G mode by default and no license is required to activate these ports.	4 SFP + will operate in 10G mode depending on the license count. License count 1: Any 2 SFP+ will operate in 10G mode. License count 2: All 4 SFP+ (ports 4-7) will operate in 10G mode.