



# CCNA CHEAT SHEET

## Band Management

### Out Of Band

Used for initial configuration (just out the box)\*  
Uses Console (or older Auxiliary) interfaces\*\*  
Access Configured on the Con 0 and Aux 0 lines  
Does not require any network connectivity  
It is like the monitor display output for an IOS device

\* Also method used for password recovery  
\*\* Typically involves you physically present with the device



### In Band

Can't be used until initial config has been done using out of band  
Uses any layer 3 configured interface (Routed interfaces, SVIs, etc)  
Access Configured on the VTY 0-4 (5-15) lines  
Requires network connectivity or will fail (Telnet / SSH)  
This is remote control of an IOS Device\*

\*Typically involves you chilling at your desk with a coffee while the device is somewhere else

