Dynamic Trunking Protocol DTP

- If two Cisco switches are cabled together they can negotiate a trunk connection using Cisco's Dynamic Trunking Protocol DTP

- It is however recommended to manually configure switch ports

- Manual configuration:
  - `switchport mode access`
  - `switchport mode trunk`

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- DTP configuration:

- `Switchport mode dynamic auto`: will form a trunk if the neighbour switch port is set to trunk or desirable. Trunk will not be formed if both sides are set to auto. Default on newer switches.

- `Switchport mode dynamic desirable`: will form a trunk if the neighbour switch port is set to trunk, desirable or auto. Default on older switches.

- `Switchport nonegotiate`: disables DTP.

DTP Lab