Interface Types:

Physical properties:

↳ Data Link Layer protocol
↳ Link mode (duplex)
↳ Link speed
↳ Physical Maximum transmission
unit (MTU)
↳ Clocking
↳ Scrambling
↳ Frame check sequence
↳ Diagnostic characteristics

- Logical properties
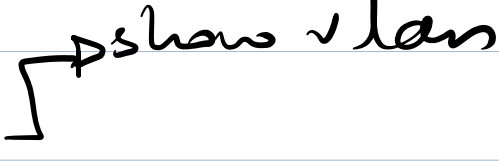
↳ Protocol family
· Granular net

· inet6
- iso
· mpls
· Ethernet-switching

- <u>Addresses</u> (IPv4, IPv6)

· VLan tagging ⌐→ show vlan
· Firewall filters

- Link aggregation enables you to group Ethernet interfaces to form a single, aggregated Ethernet interface., [LAG]

Configuration Groups

Overview of Configuration Groups

Configuration groups:

- Groups of statements that you can apply to different sections of a configuration

Configuration Group

Target area of configuration inherits information from the source of configuration data

Shortcut method of applying the same parameters to many parts of a configuration

Groups are configured at the [edit groups] hierarchy level.

```
groups {
    <group-name>{
        <configuration-statements>{
        }
    }
}
```

~Configuration data can be inherited from configuration groups.

[| display inheritance no-coments]