The Internet

1980's - few hosts connected : government institutions and universities

➡️ <u>Trustworthy</u> environment

2019 - ~ 4.2 billion internet users: network of networks

➡️ <u>Untrustworthy</u> environment

➡️ Internet (and its protocols) was
not designed for untrustworthy environment

A network of networks

ISP - Internet Service Provider

LAN - Local Network

LAN

ISP

LAN

LAN

Backbone