Inputs request via data application or domain (browser)

DNS server

Browser sends request to DNS server to obtain DC IP Address

Browser forwards request to DC using IP address via telecoms infrastructure
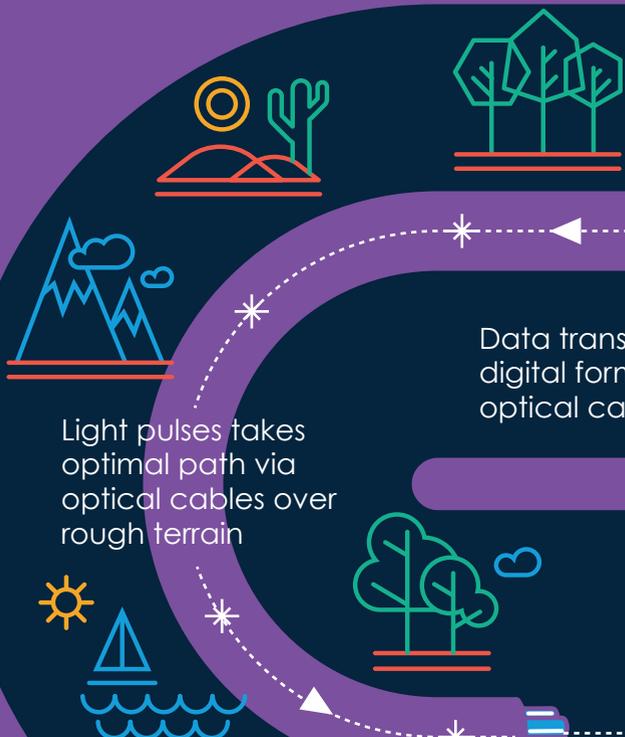
Cellular data

Wifi Router

request forwarded via telecoms infrastructure

Optical fibre cables

Verified via searching infrastructure (firewall)

Request sent to DC server via light

Light pulses takes optimal path via optical cables over rough terrain

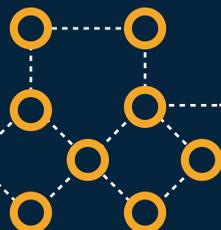Data transfer into digital format via optical cables

SSD data extracted and split into packets with sequencing number

DC server

Request confirmed

Routers direct light flows towards telecoms infrastructure nodes

Cellular data

Wifi Router

light pulses converted back into electro magnetic waves

Device receives electromagnetic waves

Data application reassembles packets according to sequence number