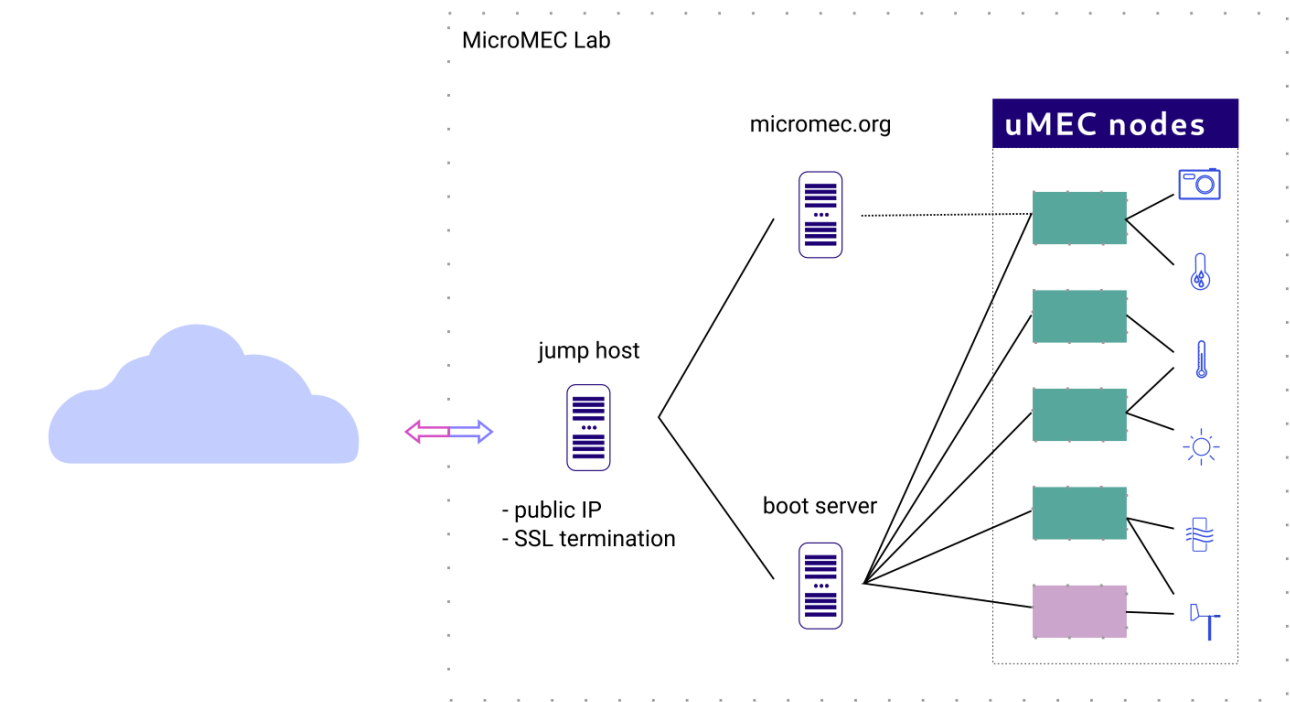


MicroMEC Lab Requirements



Jumphost

Purpose	Firewall. Providing access for authorized lab staff (VPN or key based SSH). SSL termination with haproxy.
CPU	Intel i7 or i9 (or similar from AMD)
RAM	32GB
Storage	1TB SDD
NICs	min. 4 Gigabit ports

Netboot Server

Purpose	Storage for MicroMEC nodes.
CPU	Intel Xeon E7 family
RAM	64GB
Storage	2TB SDD (Raid 5)
NICs	min. 4 Gigabit ports

Purpose	Public web server (accessed via proxy only). Hosting also OpenFaaS Cloud. Acting as x86 ARM cross compilation server for the time being.
CPU	Intel Xeon E7 family
RAM	128GB
Storage	2TB SDD (Raid 5)
NICs	min. 4 Gigabit ports

Network Switch

Purpose	VLANs setups.
NICs	min. 16 Gigabit ports