

Access:

Can be redundant using BGP.

Multiple sites possible with DNS.

Layer 3-4 load balancing:

Infrastructure Availability and scalability.

Scalable front-end:

Web acceleration and security: SSL, cache, compression, ...

Layer 7 load balancing:

Application availability and scalability.

Persistence, Monitoring, troubleshooting, logging, and content switching.

Applications :

Running shared or dedicated servers.

Heavy apps only require more servers.