Demartek NVMe-oF Rules of Thumb

To achieve maximum throughput in a storage target (without oversubscription):

- ♦ At least one 25Gb or faster network port for each NVMe drive (PCIe 3.0 x4) for large-block sequential I/O

- ♦ Dual-port 25GbE or 32GFC adapters need PCIe 3.0 x8

- ♦ For every two NVMe drives and network ports 16 lanes of PCIe 3.0 are needed (FC has more headroom)

- ♦ Prospects are better with PCIe 4.0