

Open Virtual Appliance (OVA) configuration requirements

IBM StoredIQ is deployed as virtual appliances and is supported in VMware ESXi 5.0 (all fix pack levels) or VMware ESXi 6.0 (all fix pack levels) environments. You must have a virtual infrastructure that meets the IBM StoredIQ hardware requirements.

Application stack

- vCPU: 2
- Memory: 4 GB
- Storage:
 - Primary disk (vmdisk1): 21 GB
 - Data disk (vmdisk2): 10 GB

Gateway server

- vCPU: 4
- Memory: 8 GB
- Storage:
 - Primary disk (vmdisk1): 100 GB
 - Data disk (vmdisk2): 75 GB
 - Swap disk (vmdisk3): 40 - 100 GB

DataServer - Classic

- vCPU: 4

Even though increasing the number of vCPUs increases performance, the actual benefits depend on whether the specific host is oversubscribed or not.
- Memory: 16 GB

While the minimum value works under light-load condition, as the load increases, the data server quickly starts using swap space. For high load situations, increasing RAM beyond 16 GB can benefit performance. Monitoring swap usage can provide insight.
- Storage:
 - Primary disk (vmdisk1, SCSI 0:0): Default is 150 GB

This virtual disk has an associated VMDK that contains the IBM StoredIQ operating code. Do not change its size.