

The following prerequisites are required to install the Beam application. Please refer to the documentation and your professional services representative for additional details.

Documentation, for illustrated, step-by-step instructions

- ☐ Cluster Deployment Guide .PDF
- ☐ Software Installation Guide .PDF

Software, to install on virtual machines and Qumu VCC servers

- ☐ Beam cluster .OVA file
- ☐ Web installer containing static files for administrative interface
- ☐ Client installer containing the Qumu VCC skinpack addition

Virtual Machines, to host the application and time series database

- ☐ Five virtual machines with dual core CPUs, 8 GB RAM, and 80GB of storage
- ☐ IP addresses of each virtual machine

SSL Certificates, to enable HTTPS on the application

- ☐ PEM formatted, Nginx compatible SSL certificate for `beam-cluster.example.com`

DNS Setup Options, to provide a network address for the virtual machines

- ☐ Round-robin DNS for the five virtual machines at `beam-cluster.example.com`
- ☐ Load balancer for the five virtual machines at `beam-cluster.example.com`

External Network Ports, for end-users to communicate with the virtual machines

- ☐ Inbound and outbound port 443
- ☐ Inbound port 22

Internal Network Ports, for the virtual machines to communicate with each other

- ☐ Inbound and outbound on all ports
 - ☐ Uses 22, 80, 443, 4369, 6000-7999, 8087, 8099, 26379

Qumu VCC Access, for installation of authentication and supporting files

- ☐ Access to the Qumu VCC Admin Portal with permissions to create OAuth clients
 - ☐ `qumu-vcc.example.com/adminportal/oauthClientList.do`
- ☐ Access to the Qumu VCC application server and permissions to create and install skin packs
- ☐ Access to the Qumu VCC web server and permissions to create and install an IIS virtual directory

Optional Static IP Setup, for networks that use static addressing (not required if DHCP-enabled)

- ☐ Access to SSH session via Putty (Windows) or terminal (MacOS or Linux)
- ☐ Basic familiarity with Linux system administration to edit networking setup files