

On-premise deployments

Helm CONNECT is typically deployed in our Amazon Web Service (AWS) environment. Some customers want to host Helm CONNECT on their own IT infrastructure. We recommend the following server configurations for a typical company with an on-premise deployment (75 to 100 assets using 1 or 2 product lines).

Database server

Hardware

- 16 GB RAM*
- 8 vCPUs Xeon E52640+*
- 200 GB disk space*

Software

- SQL Server 2012 or newer

Web server

Hardware

- 16GB RAM*
- 8 vCPUs Xeon E52640+*
- 200 GB disk space*
- 10 Gigabit network connectivity

Software

- Windows Server 2012R2 or newer
- 7zip

Load balancer

- Used for TLS termination

Document store

- Network share or local directory
- Document store with the ability to expand over time

Connection speed

- Latency between web server and database server in the single millisecond range

*As your organization grows on Helm CONNECT, you may need to augment your server hardware to handle increasing load:

- RAM: +8GB for each additional product line or 100 additional assets
- CPU count: +4 CPU for each additional product line or 100 additional assets
- Disk space: +50GB for each additional product line or 100 additional assets