Recommended System Requirements for Xacta.io Implementations

The following specifications are what Telos® recommends for optimal performance of the Xacta.io application.

Client Specifications

Browser	Google Chrome (current version) Firefox (current version), Safari (current version) or MS Edge 38.x or higher (TLS 1.2 and JavaScript enabled)

Cluster Specifications**

Xacta.io is architected to be a highly scalable application that is able to meet the requirements of any enterprise implementation. The Xacta technologies are primarily database driven web applications.

Basic Deployment	AWX	Combo Nodes (3)	Database Server	Redis (optional)
Recommended for small to medium-sized enterprises or regional installations that are part of a larger distributed installation (accommodates < 2000 assets)	2 vCPU 8 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	4 vCPU 16 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home 200 GB /localpv *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	4 vCPU 32 GB Ram Minimum Storage Allocations* 300 GB SSD Postgres: See table below	2 vCPU 2 GB Ram Redis 6.0.x

Standard Deployment	AWX	Combo Nodes (3)	Database Server	Redis (optional)
Recommended for enterprise deployments (accommodates 2,000 to 10,000 assets)	2 vCPU 8 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	4 vCPU 16 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home 200 GB /localpv *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	4 vCPU 32 GB Ram Minimum Storage Allocations* 500 GB SSD Postgres: See table below	2 vCPU 2 GB Ram Redis 6.0.x

Large Deployment	AWX	Combo Nodes(3)	Database Server	Redis (optional)
Recommended for enterprise deployments (accommodates 10,000 to 100,000 assets)	2 vCPU 8 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	8 vCPU 32 GB Ram Minimum Storage Allocations* 40 GB /var 30 GB /home 200 GB /localpv *(single volume can be used for /var and /home – see notes for more details)* SSD Supported OSes: See table below	8 vCPU 64 GB Ram Minimum Storage Allocations* 800 GB SSD Postgres: See table below	2 vCPU 2 GB Ram Redis 6.0.x

Very Large Deployment	
Recommended for enterprise deployments (accommodates >100,000)	Please contact Telos Concierge (Telos.Concierge@telos.com) for deployment guidance/specifications

Compatibility Tested Software

Operating Systems***	RHEL 7 Disa Stig, RHEL 7.7, RHEL 7.8, RHEL 7.9, RHEL 8.2, RHEL 8.3 RHEL 8.4, RHEL 8.4 Disa Stig
Database(Postgres)	11.11, 12.6,12.7, 12.8
Redis	5.0.x, 6.0.x

Notes:

- For more specific requirements please consult the deployment guide
- Please contact our Telos Concierge group to assist with installation (Telos.Concierge@telos.com / (888) 288-4981).
- * Storage volume space allocation requirements can be satisfied by a single volume
- * Must include partitions required by your OS config like /var/log, /tmp, /boot , /swap for certain configurations such as DISA STIG
- **For cloud based deployments select the virtual machine specs that closely match the recommended specs
- ***Use only RHEL non-GUI Base Environment, either Minimal or Server without GUI
- Customers wishing to upgrade OS or database should contact Concierge for assistance.