

Recommended System Requirements for Xacta.io Cloud Implementations (AWS Commercial/AWS GovCloud/Air-gapped)

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

Client Specifications

Browser	Internet Explorer 11, Google Chrome (current version) Firefox (current version), Safari (current version) or MS Edge 38.x or higher (TLS 1.2 and JavaScript enabled)
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Xacta.io is architected to be a highly scalable application that is able to meet the requirements of any enterprise implementation. The Xacta IA Manager technologies are primarily database driven web applications. Note: Newer regions might not have the exact AWS types, for cases like this please select the closest equivalent.

Cluster Specifications

AWS Commercial/AWS Gov (If using script provisioned infrastructure)

Basic Deployment	AWX	Combo Nodes (3)	Database Server
<i>Recommended for small to medium-sized enterprises or regional installations that are part of a larger distributed installation (accommodates < 2000 assets)</i>	m5.large Minimum Storage Allocations 70 GB GP SSD Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.xlarge Auto configured by scripts (GP SSD) 20 GB 200 GB Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	db.r4.xlarge 300 GB GP SSD AWS RDS Postgres 11.6

Standard Deployment	AWX	Combo Nodes (3)	Database Server
<i>Recommended for enterprise deployments (accommodates 2,000 to 10,000 assets)</i>	m5.large Minimum Storage Allocations 70 GB GP SSD Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.xlarge or higher Auto configured by scripts (GP SSD) 20 GB 200 GB Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	db.r4.xlarge 500 GB GP SSD AWS RDS Postgres 11.6

Large Deployment	AWX	Combo Nodes (3)	Database Server
<i>Recommended for enterprise deployments (accommodates 10,000 to 100,000 assets)</i>	m5.large Minimum Storage Allocations 70 GB GP SSD Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.2xlarge Auto configured by scripts (GP SSD) 20 GB 200 GB Supported OSES: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	db.r4.2xlarge 800 GB GP SSD AWS RDS Postgres 11.6

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

Air-gapped (User provided infrastructure)

Basic Deployment	AWX	Combo Nodes (3)	Database Server	Redis (optional)
<i>Recommended for small to medium-sized enterprises or regional installations that are part of a larger distributed installation (accommodates < 2000 assets)</i>	m5.large Minimum Storage Allocations 40 GB /var 30 GB /home Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.xlarge Minimum Storage Allocations 40 GB /var 30 GB /home 200 GB /localpv Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	r4.xlarge Minimum Storage Allocations 300 GB Postgres 11.x	cache.t3.medium Redis 5.0.x

Standard Deployment	AWX	Combo Nodes (3)	Database Server	Redis (optional)
<i>Recommended for enterprise deployments (accommodates 2,000 to 10,000 assets)</i>	m5.large Minimum Storage Allocations 40 GB /var 30 GB /home Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.xlarge Minimum Storage Allocations 40 GB /var 30 GB /home 200 GB /localpv Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	r4.xlarge Minimum Storage Allocations 500 GB Postgres 11.x	cache.t3.medium Redis 5.0.x

Large Deployment	AWX	Combo Nodes(3)	Database Server	Redis (optional)
<i>Recommended for enterprise deployments (accommodates 10,000 to 100,000 assets)</i>	m5.large Minimum Storage Allocations 40 GB /var 30 GB /home Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	m5.2xlarge Minimum Storage Allocations 40 GB /var 30 GB /home 200 GB /localpv Supported OSes: RHEL 7 (DISA STIG) RHEL 7.6/7.7/7.8	r4.2xlarge Minimum Storage Allocations 800 GB Postgres 11.x	cache.t3.medium Redis 5.0.x

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

Certified Software

Operating Systems	CIS Rhel 7 Disa Stig, Rhel 7.8, Rhel 7.7, Rhel 7.6
Database(Postgres)	11.6,11.7,11.8,11.9
Redis	5.0.x

Notes:

- For more specific requirements please consult the deployment guide
- It is recommended that Air-gapped customers use RHEL. Please contact our Telos Concierge group to assist with installation (Telos.Concierge@telos.com / (888) 288-4981).