# Ataccama Deployment Specification

Optus

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## Infrastructure

| | |
|---:|:---|
| **Cloud Vendor:** | AWS |
| **User Connectivity:** | PrivateLink |
| **Data Source Connectivity:** | PrivateLink |
| **SSO Vendor:** | Azure AD |
| **Cloud Region:** | Sydney |
| **Ataccama Version:** | 15.4.0 |
| **Customer Identifier:** | edm |

## Contacts

| | |
|---:|:---|
| **Customer Onboarding Manager:** | khalid.khan@ataccama.com |
| **Customer Success Manager:** | khalid.khan95@hotmail.com |

## Support

| | |
|---:|:---|
| **Support Portal:** | https://support.ataccama.com/ |
| **Support Handbook:** | https://www.ataccama.com/support-handbook |
| **Service Desk:** | https://atajira.atlassian.net/servicedesk/customer/portals |

# URLs  🌐

## Environment: DEV

| | |
|---:|:---|
| **Keycloak:** | https://edm.dev.ataccama.online/auth |
| **MinIO Console:** | https://minio-console.edm.dev.ataccama.online |
| **MDM UI:** | https://mdm.edm.dev.ataccama.online |
| **MDM Server:** | https://mdm-server.edm.dev.ataccama.online |
| **Portal:** | https://portal.edm.dev.ataccama.online |
| **DPM:** | https://dpm.edm.dev.ataccama.online |

## Environment: TEST

| | |
|---:|:---|
| **Keycloak:** | https://edm.test.ataccama.online/auth |
| **MinIO Console:** | https://minio-console.edm.test.ataccama.online |
| **MDM UI:** | https://mdm.edm.test.ataccama.online |
| **MDM Server:** | https://mdm-server.edm.test.ataccama.online |
| **Portal:** | https://portal.edm.test.ataccama.online |
| **DPM:** | https://dpm.edm.test.ataccama.online |

**Web Browser**

**ONE Desktop**

Operations User

Admin User

**Client - Hardware sizing**
CPU: 2  RAM: 16

PORT 443 (HTTPS)
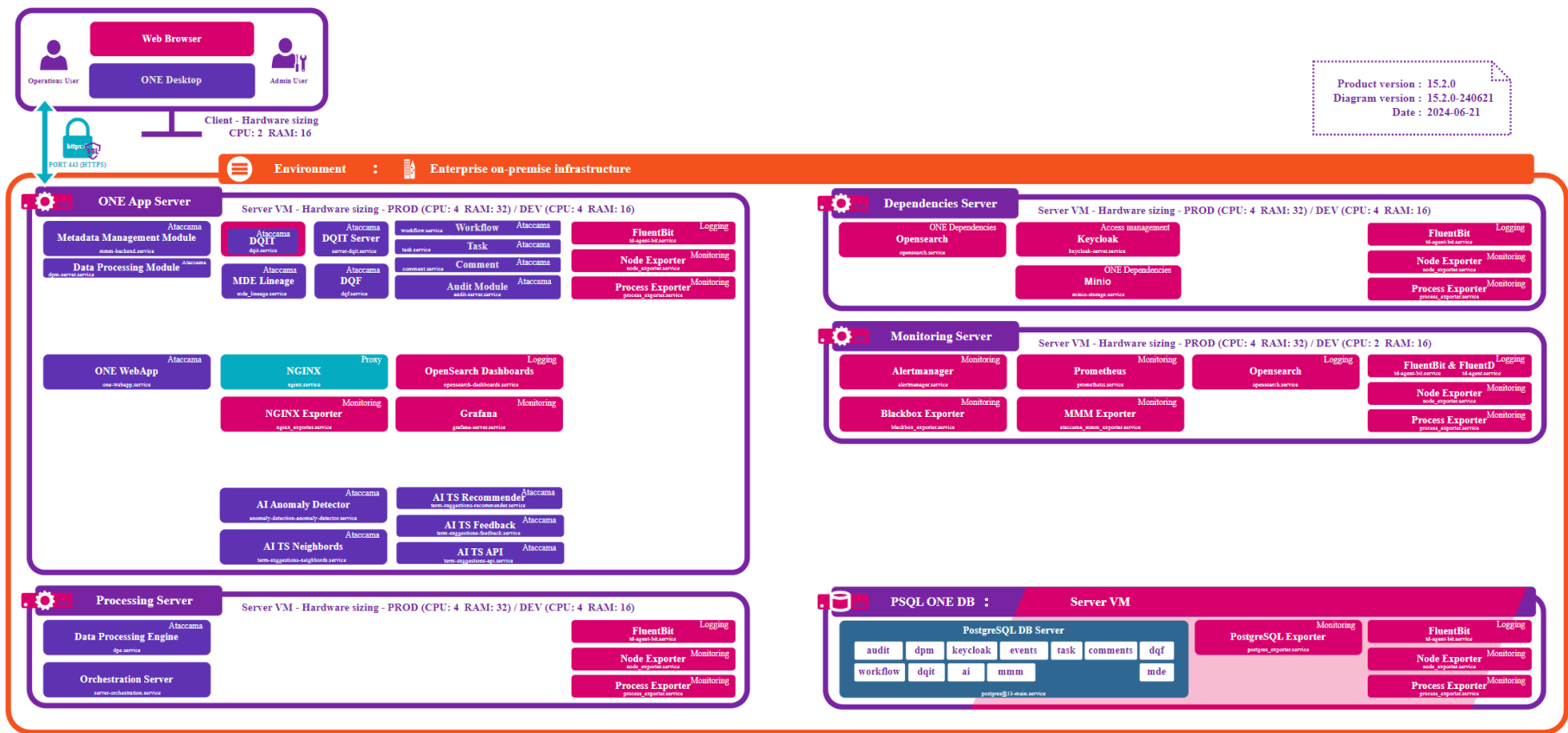
Product version :  15.2.0
Diagram version :  15.2.0-240621
Date :  2024-06-21

**Environment**  :  **Enterprise on-premise infrastructure**

## ONE App Server

Server VM - Hardware sizing - PROD (CPU: 4  RAM: 32) / DEV (CPU: 4  RAM: 16)

**Metadata Management Module** *Ataccama*
mmm-backend.service

**Data Processing Module** *Ataccama*
dpm-service.service

**DQIT** *Ataccama*
dqit.service

**DQIT Server** *Ataccama*
server-dqit.service

**MDE Lineage** *Ataccama*
mde_lineage.service

**DQF** *Ataccama*
dqf.service

**Workflow** *Ataccama*
workflow.service

**Task** *Ataccama*
task.service

**Comment** *Ataccama*
comment.service

**Audit Module** *Ataccama*
audit-server.service

**FluentBit** *Logging*
td-agent-bit.service

**Node Exporter** *Monitoring*
node_exporter.service

**Process Exporter** *Monitoring*
process_exporter.service

**ONE WebApp** *Ataccama*
one-webapp.service

**NGINX** *Proxy*
nginx.service

**OpenSearch Dashboards** *Logging*
opensearch-dashboards.service

**NGINX Exporter** *Monitoring*
nginx_exporter.service

**Grafana** *Monitoring*
grafana-server.service

**AI Anomaly Detector** *Ataccama*
anomaly-detection-anomaly-detector.service

**AI TS Recommender** *Ataccama*
term-suggestions-recommender.service

**AI TS Feedback** *Ataccama*
term-suggestions-feedback.service

**AI TS Neighbords** *Ataccama*
term-suggestions-neighbors.service

**AI TS API** *Ataccama*
term-suggestions-api.service

## Dependencies Server

Server VM - Hardware sizing - PROD (CPU: 4  RAM: 32) / DEV (CPU: 4  RAM: 16)

**Opensearch** *ONE Dependencies*
opensearch.service

**Keycloak** *Access management*
keycloak-server.service

**Minio** *ONE Dependencies*
minio-storage.service

**FluentBit** *Logging*
td-agent-bit.service

**Node Exporter** *Monitoring*
node_exporter.service

**Process Exporter** *Monitoring*
process_exporter.service

## Monitoring Server

Server VM - Hardware sizing - PROD (CPU: 4  RAM: 32) / DEV (CPU: 2  RAM: 16)

**Alertmanager** *Monitoring*
alertmanager.service

**Prometheus** *Monitoring*
prometheus.service

**Opensearch** *Logging*
opensearch.service

**FluentBit & FluentD** *Logging*
td-agent-bit.service  td-agent.service

**Blackbox Exporter** *Monitoring*
blackbox_exporter.service

**MMM Exporter** *Monitoring*
ataccama_mmm_exporter.service

**Node Exporter** *Monitoring*
node_exporter.service

**Process Exporter** *Monitoring*
process_exporter.service

## Processing Server

Server VM - Hardware sizing - PROD (CPU: 4  RAM: 32) / DEV (CPU: 4  RAM: 16)

**Data Processing Engine** *Ataccama*
dpe.service

**Orchestration Server**
server-orchestration.service

**FluentBit** *Logging*
td-agent-bit.service

**Node Exporter** *Monitoring*
node_exporter.service

**Process Exporter** *Monitoring*
process_exporter.service

## PSQL ONE DB  :  Server VM

**PostgreSQL DB Server**

| audit | dpm | keycloak | events | task | comments | dqf |
| workflow | dqit | ai | mmm | | | mde |

postgres@13-main.service

**PostgreSQL Exporter** *Monitoring*
postgres_exporter.service

**FluentBit** *Logging*
td-agent-bit.service

**Node Exporter** *Monitoring*
node_exporter.service

**Process Exporter** *Monitoring*
process_exporter.service