

Oracle Exalogic Elastic Cloud 2.x: Middleware Deployment

Cloud Infrastructure for Middleware

- Why Host Fusion Middleware on Exalogic?
- Sizing and Capacity Planning
- How Many Instances to Run on a vServer?
- vServer Type Best Practices
- Recommended Network Topology
- Allocating IP Addresses
- Distribution Group Best Practices

Storage and Installation

- General Storage Recommendations
- Recommended NFS Architecture
- Storage Recommendations for FMW
- FMW Storage Examples
- How Many FMW Installations?
- Redundant Installations and Rolling Upgrades
- Configuring a Linux NIS Server
- Configuring a Linux NIS Client

Domain Configuration

- Migrating Existing Domains to Exalogic
- Shared or Separate Domain Folders?
- Listen Address Recommendations
- Adding Virtual IP Addresses to a vServer
- Dynamic Cluster Recommendations
- Configuring a JMS Store Location
- Node Manager Recommendations
- Scaling Up a Cluster on Exalogic

Performance Optimization

- Exabus
- RDMA
- SDP
- Cooperative Memory Management
- Using Multiple Channels for Replication
- Using SDP for JDBC
- Replicated Store

Traffic Director

- Deployment Topologies
- Administration Architecture
- HA Architecture
- Configuration Architecture
- Creating and Starting Admin Nodes
- Configuring Virtual Server Routes
- Configuring Server Pools
- Creating a Failover Group