

Tungsten Cluster Master Class

Basics: Simple Cluster Installation

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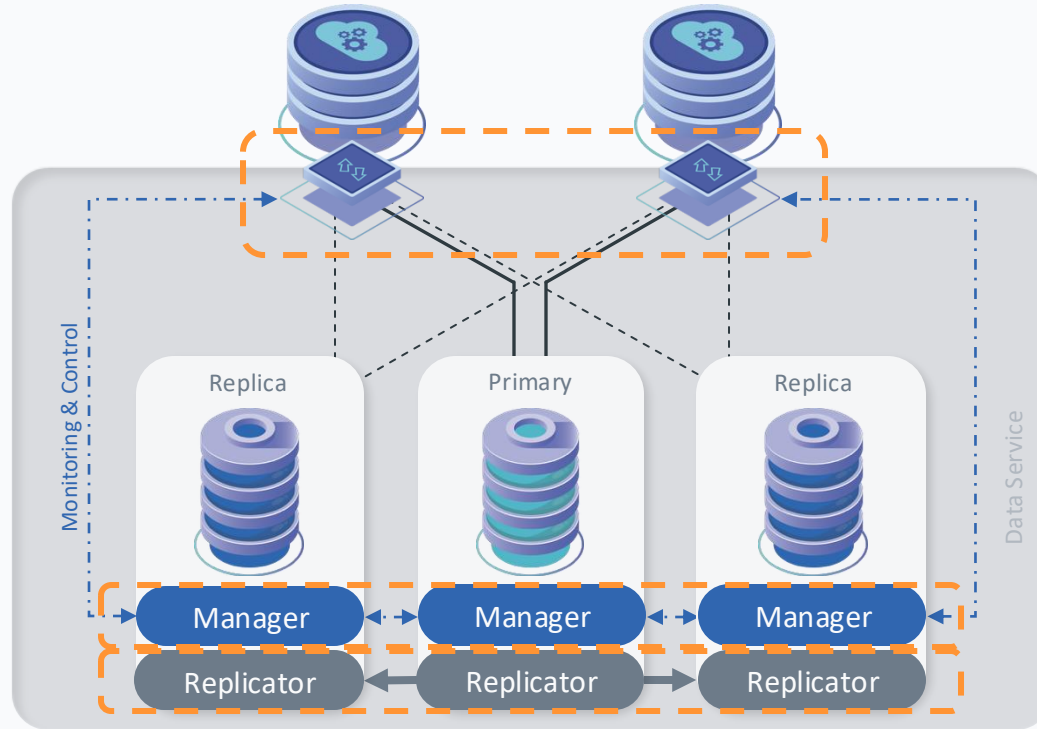
Topics

In this short course, we will

- Re-cap of the Architecture and Topology
- Plan the installation
 - Documentation
 - Software
 - Environmental Decisions
- Review Pre-Requisites
 - Review Installation Types and methods
- Walk Through: Simple 3 node cluster installation

Architecture Re-Cap

Tungsten Cluster



Preparing to Install

Pre Installation Environment Decisions

- Where will the connectors be installed?
- Which release (and version) of MySQL will be used?
 - <https://www.continuent.com/resources/docs/latest/tc/deployment-requirements.html#deployment-requirements-db>
- What monitoring tools do you have in place?
- What backup tools do you plan to use?
- Active Witness required?

Pre-Requisites

Prerequisites

- Review online documentation
 - <https://docs.continuent.com>
 - Download the Prerequisite Checklist
- Host
 - OS User
 - /etc/hosts
 - sudoers and ssh?
 - Ruby
 - Java
- Network
 - Review Port Requirements
- MySQL
 - my.cnf settings
 - User accounts

Installation Methods and Types

Pre Installation Tungsten Decisions

- TAR package or RPM?
- Which Connector Mode?
 - Bridge mode is default
- Do you require SSL?
 - Enabled by default from v7.0.0

Walk Through: Simple Install

Summary

What we have learnt today

- Reviewed the Cluster architecture
- Explored the documentation and prerequisites
- Completed two installations

Thank you for listening

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