

# INFOSOFT IT SOLUTIONS

**Training | Projects | Placements**

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## Liferay System Administrator

### **Installation**

- Installing a Liferay Bundle
- Connecting to external databases and mail servers
- Installing Liferay Manually on an Existing Application Server

### **Configuring Liferay**

- Server Administration through the Control Panel
- Plugin Management
- Liferay Marketplace
- Configuring Liferay Services Oriented Architecture

### **Clustering**

- Introduction to Cluster Design
- Creating a Liferay Cluster
- Principles of Liferay Clustering
- Configuring Quartz for Job Scheduling
- Syncing the Database Cache across your Cluster
- Clustering Documents and Media
- Syncing Search Indexes
- Setting up a Solr Server

- Session Replication
- Load Balancing using Apache
- Deploying Plugins across a Cluster

### **External Services**

- Using External Services for Document Previews
- Setting up ImageMagick Higher Quality Image Previews
- Setting up LibreOffice for Document Conversion
- Configuring Xuggler for Audio/Video Previews
- Setting up Liferay as a WSRP Producer and Consumer

### **Performance Tuning Overview**

- Load Testing
- Profiling
- Memory Management
- Garbage Collection
- Cache Optimization
- Optimizing Lucene
- Configuring a Content Delivery Network
- Database Sharding

### **Maintaining Liferay**

- Liferay Monitoring
- Backing Up a Liferay Installation

### **Log Levels**

- Upgrading Liferay
- Installing Fix Packs Using the Patching Tool