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Lotus Domino Administration Training

3 days (21 hours)

Overview

Lotus Domino is a messaging, collaboration and enterprise application platform developed by HCL. Renowned for its robustness and flexibility, it manages secure messaging services, collaborative applications and databases, with a high level of customization and integration.

Our Lotus Domino Administration training course enables you to master the installation, configuration, management and security of a Domino environment.

You'll learn how to administer users and groups, configure messaging and routing, manage NSF databases, apply good security practices and automate tasks.

On completion, you'll be able to deploy and administer a complete Domino environment, guarantee security and service availability, and plan proactive maintenance.

Like all our training courses, this one is based on the latest stable version v14.5 of HCL Domino.

Objectives

- Understand Lotus Domino architecture and components
- Install and configure a Domino server
- Manage users, groups and databases
- Configure messaging and routing
- Apply security and maintenance best practices
- Automate administrative tasks

Target audience

- System administrators
- IT support engineers and technicians
- IT managers
- Technical project managers

Prerequisites

- Basic system administration (Windows or Linux)
- Notions of messaging and SMTP, IMAP, POP3 protocols

Our Lotus Domino Administration training program

Introduction to Lotus Domino

- Presentation of HCL Lotus Domino and its components
- History and positioning vs. other mail servers
- Domino architecture: server, NSF databases, replicas
- Domino server roles in the enterprise
- Domino/Notes terminology and concepts
- Workshop: Discovering and connecting to a Domino server

Installation and initial configuration

- Hardware and software prerequisites
- Step-by-step installation (Windows / Linux)
- Initial configuration and creation of the Domino server
- Essential settings in the notes.ini file
- Managing server certificates
- Workshop: Complete Domino server installation

User and group management

- Creating and managing identities
- Managing groups and roles
- Using the Domino Directory
- Security policies & passwords
- User certificates and ID files
- Workshop: Creating and configuring user accounts

Security in Lotus Domino

- Security model: ACLs, roles, access levels
- Authentication and encryption of communications
- SSL/TLS certificate management
- NSF database protection and data encryption

- Best practices for hardening
- Workshop: ACL + SSL certificates on a database

Database management

- Structure and operation of NSF databases
- Database creation and maintenance
- Replication and synchronization
- Compacting, repair and optimization
- Quotas and data archiving
- Workshop: Shared databases with replication

Messaging and routing

- SMTP, IMAP and POP3 configuration
- Mail routing and domain management
- Delivery queues and diagnostics
- Filtering and combating spam
- Interop with third-party messaging systems
- Workshop: Complete SMTP routing

Advanced administration

- Domino Console & Administration Client
- Server task management and scheduling
- Performance monitoring and optimization
- Automation by Domino scripts & agents
- Updates and patches
- Workshop: Task automation scripting

Backup and restore

- Backup strategies
- Native and third-party tools
- Complete restore procedure
- Selective restoration (base / user)
- Tests and validation of recovery plans
- Workshop: Simulating an incident recovery

Maintenance and best practices

- Monitoring server and database status
- Upgrades & migrations
- Documentation & change management
- Security and performance best practices
- Supervision & proactive alerts

- Workshop: Domino maintenance plan

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning at training start

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives with regard to the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.