

Domino R5 System Administration Update Student Manual

Software version number: Lotus Domino V. 5.02

Course length: 4 days

Maps to exam #: 523 - Transitioning a Domino Infrastructure to R5

Hardware/software required to run this course

The classroom is designed for a maximum of 16 students in the class. Each student has his or her own machine and students work in pairs with one server and one workstation. However you would need a minimum of 4 students or 4 student machines to run the course and exercises correctly.

The class will have Domino R4.6x installed at the beginning of the course, which students migrate to R5.

Server Hardware

Minimum 166 MHz processor (200 MHz highly desirable), CD-ROM drive on machine, floppy drive on machine, Minimum of 64 MB of memory (128 MB highly desirable), Minimum 1GB free disk space, Networked using TCP/IP

Server Software

Windows NT 4.x Server with Service Pack 4 and Windows NT Option Pack - essential for the IIS exercise, Netscape Navigator 4.x installed, Netscape Communicator 4.x installed, Domino R4.6x server software installed and configured

Workstation Hardware

1PC minimum 133 MHz processor, CD-ROM drive on machine, Floppy drive on machine, Minimum of 64 MB of memory (128 MB highly desirable), Minimum 1GB free disk space, Networked using TCP/IP

Workstation Software

Windows NT 4.x workstation or Windows 95/98, Netscape Navigator 4.x installed, Netscape Communicator 4.x installed, Lotus Notes R4.6x installed and configured.

Course description

This hands-on course identifies new R5 features and how to migrate your existing infrastructure to R5, including:

- How to migrate your existing infrastructure to R5.
- How to effectively use the new R5 Administration panel to maintain your environment.
- Planning for performance with R5.
- How to implement an R5 Messaging infrastructure, SMTP, POP3, IMAP and calendaring & scheduling.
- How to secure your Domino environment, native Domino security, SSL and X509 certificates.
- Leveraging NT integration capabilities including how to configure Domino with IIS.
- How to keep your servers available. - Good housekeeping, monitoring and clustering.
- What happened to the NAB - Understanding Domino Directories and LDAP.
- Best practices for supporting mobile users.
- Troubleshooting tips and techniques for Domino R5.
- How to deploy, manage and secure Domino R5 applications

Prerequisites: Students should be familiar with R4 Systems Administration and ideally have a basic understanding of TCP/IP and related internet protocols.

Delivery method: Instructor-led, classroom-delivery learning model with structured hands-on exercises and challenge exercises.

Benefits: Students will learn how to migrate Domino Servers and Workstations to

R5.

Target student: Existing R4 Systems Administrators, Infrastructure Consultants and Project Managers who require comprehensive fast track enablement on R5 features.

Objectives

Lesson objectives help students become comfortable with the course, and also provide a means to evaluate learning. Upon successful completion of this course, students will learn:

- How to migrate your existing infrastructure to R5.
- How to effectively use the new R5 Administration panel to maintain your environment.
- Planning for performance with R5.
- How to implement an R5 Messaging infrastructure, SMTP, POP3, IMAP and calendaring & scheduling.
- How to secure your Domino environment, native Domino security, SSL and X509 certificates.
- How to live happily with NT - Leveraging NT Integration capabilities and how to configure Domino with IIS.
- How to keep your servers available - good housekeeping, monitoring and clustering.
- What happened to the NAB - Understanding Domino Directories and LDAP.
- Best practices for supporting mobile users.
- Troubleshooting tips and techniques for Domino R5.
- How to deploy, manage and secure Domino R5 applications.

Course content

Module A: Upgrading to Lotus Domino R5

Lesson 1: Upgrading Servers to Lotus Domino R5

Understanding the New Server Licensing
Domino Mail Server, Domino Application Server, Domino Enterprise Server
What's New in the Domino Server Install?
Supported platform
New Administration Tools Overview
Domino configuration database
Domino Administrator
Domino Web Administrator
Public Name and Address Book
New Database Format
Upgrading from R4.x to R5
Preparing the Server for R5 Upgrade
Upgrading Sequence
Additional New Features - Transactional Logging
Exercise: Upgrading Servers to Lotus Domino R5
Challenge Exercise: Transaction Logging

Lesson 2: Upgrading Clients R5

Understanding the New Client Licensing
Preparing Clients for R5 Upgrade
New Client Interface
New Address Book Features
Exercise: Upgrading Notes Clients to Lotus Domino R5
Challenge Exercise: Configuring POP3

Module B: User and Group Management

Lesson 3: Registering New Users

New User Registration Features
Internet Address and Password Features
Managing Users' Mail Files
Group Membership and NT Integration

- User Registration Queue
- Advanced Registration Options
- Improved Text File Registrations
- Migrating Users to Notes
- Exercise: Registering New Users
- Challenge Exercise: Migrating cc:Mail Users to Lotus Notes

Lesson 4: Group and User Management Tools

- Group Management
- Password Recovery
- Enabling password recovery
- Exercise: Group Exercise
- Challenge Exercise: Password Recovery

Module C: R5 Messaging Infrastructure

Lesson 5: Understanding New Mail Features

- Notes Mail Overview
- Domino Mail Routing
- Mail Routing Terms
- Configuring Connection Documents
- Dead and Pending Mail
- SMTP
- Configuring Native SMTP
- Migrating from R4.x SMTP/MTA to R5
- Additional New Mail Features
- Exercise: Configuring SMTP for an Intranet

Lesson 6: Supporting Notes Mail Users

- Mail File Tour
- Additional New Features
- New Calendaring and Scheduling Features
- Additional New Calendar Features
- Exercise: Configuring Notes Mail
- Challenge Exercise: Enabling Holiday Support

Lesson 7: Message Management

- Message Tracking Center
- Configuring Message Tracking
- Tracking Messages
- Mail Usage Reports
- New Shared Mail Features
- Exercise: Configuring Message Tracking
- Challenge Exercise: Configuring Shared Mail

Module D: Domino Directories

Lesson 8: Domino Directories

- Domino Directory
- Public Directory Profile
- Directory Catalog
- Preparing for Directory Catalogs
- Setting up Directory Catalogs on Clients
- Setting up Directory Catalogs on Server
- Directory Assistance
- Configuring Directory Assistance
- Configuring Servers for Directory Assistance
- Exercise: Directory Catalogs
- Challenge Exercise: Configuring Directory Assistant

Lesson 9: New LDAP Features

- Configuring Directories for LDAP
- Configuring the server for LDAP
- Directory Assistance for LDAP Directories
- LDIF
- Exercise: Configuring Domino LDAP Server

Module E: Domino Security

Lesson 10: New Security features

- Overview of Domino Security
- Overview of Domino Web Security
- What is SSL?
- Understanding SSL
- Configuring SSL
- What is S/MIME?
- Exercise: Configuring SSL on Domino Server
- Challenge Exercise: Configuring SSL Client Authentication

Module F: Server Care

Lesson 11: Good Housekeeping

- Configuring Statistics and Events
- Statistics Reporting Database
- Statistics and Events Database
- Alarms
- What are Probes?
- Server Care
- Server Performance
- Exercise: Configuring and Monitoring Server Statistics and Events
- Challenge Exercise: Creating Server Probes

Lesson 12: Replication

- Ways to create Replicas in R5
- Ways to Replicate in R5
- Planning replication Schedules
- Exercise: Creating a Replication Schedule

Module G: Advanced Services

Lesson 13: Internet Cluster Manager

- What is Clustering?
- Cluster Components
- Configuring Clustering
- Managing Clustering
- Internet Cluster Manager
- Configuring Internet Cluster Manager
- Exercise: Configuring Clustering

Lesson 14: Additional Domino Features

- Domino for Microsoft IIS
- Configuring Domino for Microsoft IIS
- Domino for IIS Security
- CORBA and IIOP
- DECS
- Exercise: Configuring Domino for IIS