

Domino 4.6 Advanced System Administration Student Manual

Course length: 3 days

Hardware/software required to run this course

You will need 32 megabytes (MB) of Random Access Memory (RAM) and 200 MB of free disk space after installing Domino and Notes on the classroom servers. You will need 16 MB of RAM and 100 MB of free disk space after installing Notes 4.6 on the classroom client workstations. The servers must be Windows NT 4.0 servers with TCP/IP protocol enabled. The client workstations can be any compatible platform with TCP/IP protocol. The course was designed with clients running Windows 95 and TCP/IP protocol. See your reference manual for hardware considerations that apply to your specific hardware setup.

Course description

Overview: Students will learn how to establish and manage communication with other Domino domains by cross-certifying ID files, to monitor servers with server tasks and other tools, and to set up and secure a Domino Web server.

Prerequisites: *Domino 4.6/Notes 4.6: System Administration (Multi-platform)* or equivalent knowledge. **Delivery method:** Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities. **Benefits:** Students will learn how to manage mail routing and replication between different Domino organizations. By creating cross-certificates for a domain, students will enable communication with that domain. Students will also learn how to configure and secure a Domino web server so that web users can access its data through the Internet. **Target student:** Students enrolling in this course should understand the basic concepts and principles of planning and setting up a Domino environment. Students who have no prior knowledge of advanced system administration topics will benefit from this course. **What's next:** This course is the last course in the series. Students who want to learn how to develop Notes applications can take *Domino 4.6/Notes 4.6: Application Development* and *Domino 4.6/Notes 4.6: Advanced Application Development*.

Performance-based 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 be able to:

- Create a Domino domain by planning the hierarchical naming structure and by setting up the first server and the administrator's workstation.
- Enable authentication and communication with other domains by cross-certifying ID files.
- Enable hassle-free mail routing with other domains for users by creating Connection documents and setting up Directory Assistance.
- Monitor Domino server events and statistics by using the Event, Reporter, and Collector tasks.
- Track Domino server activity by analyzing the Notes Log, creating database monitors, and using Windows NT Event Log and performance monitoring tools.
- Consolidate control of the Public Address Book by merging domains and decentralizing management of the Public Address Book by splitting domains.
- Make the Domino server accessible through the Internet by configuring the Domino Web server to run the HTTP server tasks.
- Safeguard and monitor the Domino Web server by implementing Internet passwords, enabling anonymous access, creating a Registration database for web users, and examining the collected information in the Domino Log.

Course content

Lesson 1: Planning and setting up Domino domains

- Planning a Domino domain
- Setting up domains
- Reviewing hierarchical names

Lesson 2: Establishing cross-certification with other domains

- Creating cross-certificates
- Enabling authentication with cross-certificates

Lesson 3: Enabling mail routing and connecting to other domains

- Creating Connection documents
- Cascading address books
- Directory Assistance
- Connecting servers to other mail systems

Lesson 4: Using server tasks to monitor the server

- Monitoring server statistics with the Reporter task
- Understanding the Event task
- Centralizing event tracking in a domain

Lesson 5: Other methods for monitoring servers

- Examining the Notes Log
- Using Database Monitors
- Using Windows NT to monitor Domino servers

Lesson 6: Merging and splitting domains

- Planning for merging domains
- Planning for splitting domains

Lesson 7: Setting up a Domino Web server

- Setting up the Domino Web Server
- Configuring the Domino Web server

Lesson 8: Securing and monitoring the Web server

- Basics of Web security
- Understanding the Secure Sockets Layer (SSL)
- Monitoring and troubleshooting the Web server