Microsoft Pack مالتی مدیای
ISA, SQL, Exchange Servers
به زبان فارسی (۱ - ۵ ساعت)

این ۱ شامل:
DVD
۴۰ بخش آموزشی با بیش از ۱۷۹ درس به زبان انگلیسی و ترجمه فارسی
۴۳ عدد لایت‌ریت دوری کاربردی برای توضیح کامل و شفاف مطالب

شامل: Utilities
VMware Workstation
ابزارهای نرم‌افزاری

مطالب جدید و بروز:
SQL Server ۲۰۱۴, Exchange Server ۲۰۱۳ SP1, Forefront TMG

System Requirements
- Windows XP with SP 2
- 256 MB RAM
- CD-ROM or DVD
- 1024 x 768 High Resolution Video Card & Monitor
Microsoft Exchange Server 2007 Implementation and Maintenance

Chapter 1   Exchange Server 2007 Deployment

1.1   Overview, Hardware & Editions
1.2   Exchange Server, Windows & Active Directory
1.3   Administration Tools
1.4   Messaging Roles
1.5   Exchange Server Roles & Active Directory
1.6   Exchange Server & Existing Exchange Organizations

Chapter 2   Managing Exchange Server 2007 Clients & Mobile Messaging Users

2.1   Mail Clients
2.2   Managing Exchange Server Service in Outlook 2007
2.3   Mail Profiles
2.4   Mobile Messaging Users
2.5   Mobile Device & Wireless Access
2.6   Remote Mail and Outlook Anywhere

Chapter 3   Exchange Server 2007 Administration & Exchange Management Shell

3.1   Exchange Server 2007 Organizations
3.2   Data Storage
3.3   Message Queues
3.4   Exchange Management Shell
3.5   Cmdlets

Chapter 4   User, Contact, Mailbox Administration, Groups & Address Lists

4.1   User and Contact Administration
4.2   Managing User Accounts and Mail Features
4.3   Mailbox Administration
4.4   Distribution Groups and Address Lists
Chapter 5  Exchange Server 2007 Security & Data Storage Groups

5.1 Exchange Server 2007 Security
5.2 Exchange Administrator Permissions
5.3 Auditing
5.4 Information Store
5.5 Content Indexing

Chapter 6  Mailbox & Public Folder Database Administration

6.1 Mailbox and Public Folder Database Administration
6.2 Public Folder Databases & Managing Databases
6.3 Managed Folders and Managed Records
6.4 Accessing and Managing Public Folders

Chapter 7  Managing Transport Servers and Client Access Servers

7.1 Managing Hub Transport and Edge Transport Servers
7.2 Completing Transport Server Setup
7.3 Managing Message Pickup and Replay
7.4 Managing Accepted Domains & Email Policies
7.5 Remote Domains, Antispam & Message Filtering Options
7.6 Managing Client Access Servers
7.7 Enabling POP3 and IMAP4 & Deploying Outlook Anywhere
7.8 Managing Exchange Server Features for Mobile Devices

Chapter 8  Exchange Server 2007 Maintenance, Backup & Restore

8.1 Troubleshooting, Logging & Tracking
8.2 Monitoring Events, Services, Servers, and Resource Usage
8.3 Exchange Queues
8.4 Backing Up and Restoring Exchange Server 2007
8.5 Recovering Exchange Server & Restoring Mailboxes
Chapter 9  Exchange Server 2007 Clustering

9.1 Clustering Overview
9.2 Single Copy Clusters
9.3 Clustered Continuous Replication Clusters
9.4 High Availability & Server Availability

Exchange Server 2007 Labs

Lab-0  Installing Exchange Server 2007
Lab-1  Exchange Server 2007 Maintenance Mode
Lab-2  Exchange Management Console Overview
Lab-3  Windows PowerShell Overview
Lab-4  Exchange Management Shell Overview
Lab-5  Microsoft Exchange Security Groups
Lab-6  Modify Configuration Domain Controller & Recipient Scope
Lab-7  Event Viewer Logs & Exchange Services
Lab-8  Recipient Configuration Node (User Mail Box)
Lab-9  Recipient Configuration Node (Room Mail Box)
Lab-10 Recipient Configuration Node (Equipment Mail Box)
Lab-11 Recipient Configuration Node (Link Mail Box)
Lab-12 Recipient Configuration Node (Mail Contact)
Lab-13 Recipient Configuration Node (Mail User)
Lab-14 Distribution & Dynamic Distribution Groups
Lab-15 Recipient Configuration Review
Lab-16 Server Configuration (Mailbox Role)
Lab-17 Mailbox Role : Mailbox & Public Folder Database
Lab-18 Server Configuration (Client Access Role)
Lab-19 Server Configuration (Hub Transport Role)
Lab-20 Creating a New SMTP Receive Connector
Lab-21 Add New Exchange Administrator Role
Lab-22 Configuring Service Startup
Lab-23 Creating a New Address Lists
Lab-24 Managed Default Folders
Lab-25 Managed Custom Folders
Lab-26  Managed Folder Mailbox Policies
Lab-27  Offline Address Book
Lab-28  Assigning Advanced Exchange Server Permissions
Lab-29  Auditing Exchange Server Usage
Lab-30  Hub Transport: Remote Domains
Lab-31  Hub Transport: Accepted Domains
Lab-32  Hub Transport: Email Address Policies
Lab-33  Hub Transport: Transport Rules
Lab-34  Hub Transport: Journaling
Lab-35  Hub Transport: Send Connectors
Lab-36  Hub Transport: Edge Subscriptions
Lab-37  Exchange Server 2007 Performance Counters
Lab-38  Mail Client: Outlook 2007 Online Help
Lab-39  Mail Client: Outlook 2007 Overview
Lab-40  Mail Client: Outlook 2007 Details
Lab-41  Mail Client: Outlook 2007 Web Site
Lab-42  Toolbox: Best Practice Analyzer
Lab-43  Toolbox: Database Recovery Management
Lab-44  Toolbox: Database Troubleshooter
Lab-45  Toolbox: Mail Flow Troubleshooter
Lab-46  Toolbox: Message Tracking
Lab-47  Toolbox: Queue Viewer
Lab-48  Toolbox: Performance Troubleshooter
Lab-49  Tools Web Site
Lab-50  Exchange 2007 File Paths
Lab-51  Exchange Server 2007 Backup & Restore
Lab-52  Exchange Setup Parameters
Lab-53  Office Outlook Web Access
Lab-54  Creating Multiple Storage Groups
Lab-55  Enabling & Verifying LCR
Lab-56  PowerShell Scripts, Properties & Commands
Lab-57  Unified Messaging: Configuring Dial Plans
Lab-58  Unified Messaging: Configuring IP Gateways
Lab-59  Unified Messaging: Configuring Mailbox Policies
Lab-60  Unified Messaging: Configuring Auto Attendants
SQL Server 2005 Implementation and Maintenance

Chapter 0  Introduction to RDBM & SQL

0.1 Database Basics
0.2 SQL Basics Part I
0.3 SQL Basics Part II

Chapter 1  Installing Microsoft SQL Server 2005

1.1 Introduction to SQL Server 2005
1.2 Prerequisites
1.3 Preparing to Install
1.4 Upgrading from a Previous version
1.5 Installing SQL Server 2005
1.6 Relational Database Concepts
1.7 SQL Server Management Studio

Chapter 2  Creating and Configuring Databases

2.1 Planning your database
2.2 Filegroups
2.3 Database File Placement
2.4 Creating Data Storage Structures
2.5 Estimating Storage Requirements
2.6 Creating and Configuring Databases

Chapter 3  Working with Tables and Views

3.1 Planning Tables
3.2 Introducing Built-in Data Types
3.3 Creating Tables
3.4 Restricting the Data
3.5 Partitioning Tables
3.6 Understanding Views
Chapter 4    Performing Indexing and Full-Text Searching

4.1    Index Architecture
4.2    Clustered Indexes
4.3    Non-Clustered Indexes
4.4    Indexes, Primary Keys & Full Text Searching

Chapter 5    Introducing More Database Objects

5.1    Stored Procedures
5.2    Triggers
5.3    Event Notifications
5.4    Functions
5.5    User Defined Types

Chapter 6    Implementing Security in SQL Server 2005

6.1    SQL Server Security Modes
6.2    SQL Server Logins & Fixed Server Roles
6.3    Creating Database User Accounts
6.4    Permissions & Permission States
6.5    Database Roles
6.6    Ownership Chains
6.7    Linked Server Security
6.8    Encryption & Security Plan

Chapter 7    Working with Relational Data

7.1    Transactions
7.2    Populating Tables
7.3    Bulk Inserting XML & Bulk-Logged Recovery Model
7.4    Supporting Different Collation Types and Orders When Querying Data
7.5    Casting and Converting
7.6    Datatype Precedence & Collations
7.7    Error Handling
Chapter 8  Working with XML Data

8.1  XML Data, Datatypes & XML Schema
8.2  Querying XML Data
8.3  Creating XML Indexes

Chapter 9  Working with Service Broker and HTTP

9.1  Service Broker
9.2  Working with Service Broker
9.3  Using Service Broker
9.4  HTTP Endpoints

Chapter 10  Maintaining and Automating SQL Server

10.1  Maintaining Indexes
10.2  Maintaining Statistics
10.3  Maintaining Databases
10.4  Automation Basics
10.5  Configuring Database Mail
10.6  Creating Operators & Jobs
10.7  Creating Alerts
10.8  Maintenance Plan Wizard & Copying Databases

Chapter 11  Performing Backups and Restores

11.1  Backup a Database
11.2  Restoring a Database
11.3  Devising a Backup Strategy

Chapter 12  Achieving High Availability through Replication

12.1  Introducing Replication
12.2  Introducing the Publisher Subscriber Metaphor
12.3  Replication Factors and Distribution
12.4  Replication Internals
12.5 Replication Types
12.6 Publication & Distributor Issues
12.7 Replication Models
12.8 Replicating over the Internet and to Heterogeneous Database Servers
12.9 Installing, Using & Managing Replication

Chapter 13  Introducing More High-Availability Methods

13.1 Choosing the High-Availability Features You Need
13.2 Database Mirroring Overview
13.3 Database Mirroring Implementation
13.4 Log Shipping
13.5 Database Snapshots

Chapter 14  Monitoring and Optimizing SQL Server 2005

14.1 System Monitor
14.2 SQL Profiler & Database Engine Tuning Advisor
14.3 Troubleshooting SQL Server

70-431 SQL Server 2005 Labs

Section-1 Labs

Lab 1.1 Installing SQL Server 2005
Lab 1.2 Installing SQL Server 2005 Service Pack 2
Lab 1.3 SQL Server Management Studio Overview
Lab 1.4 Installing the 2nd Instance
Lab 1.5 Exploring the SQL Server Management Studio
Lab 1.6 Creating Tables

Section-2 Labs

Lab 2.1 Creating a Database using Management Studio
Lab 2.2 Gathering Information about your Database
Lab 2.3 Setting Database Options

Section-3 Labs

Lab 3.1 Creating the Products Table
Lab 3.2 Creating the Customers Table
Lab 3.3 Creating the Orders Table
Lab 3.4 Creating the Valid Zip Code Constraint
Lab 3.5 Testing your Constraint
Lab 3.6 Creating Default Constraint
Lab 3.7 Creating a Unique Constraint
Lab 3.8 Creating a Partition Function and Schema
Lab 3.9 Creating the Contact_in_398 View
Lab 3.10 Creating an Updatable View

Section-4 Labs

Lab 4.1 Creating a Table Scan
Lab 4.2 Creating an Index
Lab 4.3 Creating a Primary Key
Lab 4.4 Creating a Full-Text Catalog & Index

Section-5 Labs

Lab 5.1 Viewing System Stored Procedures in Object Explorer
Lab 5.2 Using Predefined Templates
Lab 5.3 Creating a Simple Stored Procedure
Lab 5.4 Creating a DDL Trigger
Lab 5.5 Creating a Scalar User-Defined Function
Lab 5.6 Creating a T-SQL User-Defined Type

Section-6 Labs

Lab 6.1 Setting the Authentication Mode
Lab 6.2 Creating Standard Logins
Lab 6.3 Creating Windows Accounts
Lab 6.4 Creating SQL Server Logins for Windows Accounts
Lab 6.5 Testing SQL Server Logins for Windows Accounts
Lab 6.6 Adding Logins to Fixed Server Roles
Lab 6.7 Creating User Accounts in AdventureWorks
Lab 6.8 Statement and Object Permissions
Lab 6.9 Adding Users to Fixed Database Roles
Lab 6.10 Creating and Adding Users to Custom Database Roles
Lab 6.11 Creating an Application Role

Section-7 Labs
Lab 7.1 bcp & sqlcmd parameters
Lab 7.2 Bulk-Logged Recovery Model
Lab 7.3 TRY…CATCH Block

Section-8 Labs
Lab 8.1 Reconstructing an Index
Lab 8.2 Updating Index Statistics
Lab 8.3 Using DBCC CHECKDB on AdventureWorks
Lab 8.4 Shrinking the Database
Lab 8.5 Configuring a Mailhost
Lab 8.6 Configuring the SQL Server Agent to Use the Mailhost
Lab 8.7 Configuring an Operator
Lab 8.8 Creating a Fail-Safe Operator
Lab 8.9 Creating a Job
Lab 8.10 Creating an Alert for a Standard Error
Lab 8.11 Testing an Alert with RAISEERROR()
Lab 8.12 Creating and Firing an Alert Based on a Custom Error
Lab 8.13 Creating a Performance Alert
Lab 8.14 Creating a WMI Alert
Lab 8.15 Maintenance Plan Wizard
Lab 8.16 Copy Database Wizard
Section-9 Labs

Lab 9.1    Creating a Permanent Backup Device
Lab 9.2    Performing a Full Backup
Lab 9.3    Performing a Differential Backup
Lab 9.4    Performing a Transaction Log Backup
Lab 9.5    Performing a Filegroup Backup
Lab 9.6    Backing Up to Multiple Devices
Lab 9.7    Restoring a Database

Section-10 Labs

Lab 10.1   Installing a Distribution Server
Lab 10.2   Creating a Publication
Lab 10.3   Creating a Subscription
Lab 10.4   Replication Monitor

Section-11 Labs

Lab 11.1   System Monitor
Lab 11.2   Creating a Trace with Profiler
Lab 11.3   Replaying a Trace
Lab 11.4   Database Engine Tuning Advisor
Lab 11.5   Reading SQL Server & Windows Event Logs
Lab 11.6   Activity Monitor
Lab 11.7   Connecting to the DAC
Installing and Configuring ISA Server 2004/2006

Chapter 0   ISA Server 2004 ON-LINE HELP
0.1   ISA Server 2004 ON-LINE HELP
0.2   ISA Server 2004 Web Site

Chapter 1   ISA Server 2004 Overview
1.1   ISA Server Capabilities & Operation
1.2   ISA Server 2004 Editions and System Requirements
1.3   ISA Server Tools and Remote Administration
1.4   ISA Server as a Firewall
1.5   Comparing ISA 2004 to Other Firewall Products
1.6   ISA Server Deployment Scenarios

Chapter 2   Installing and Configuring ISA Server 2004 Standard
2.1   Installing & Configuring ISA Server 2004 Std. Edition
2.2   Understanding Caching Concepts

Chapter 3   ISA Server 2004 Clients
3.1   Overview of ISA Server 2004 Client Types
3.2   ISA Server 2004 Client Types
3.3   Using Infrastructure Servers

Chapter 4   Upgrading from ISA Server 2000
4.1   Upgrading ISA Server 2004
4.2   Troubleshooting ISA Server Upgrades
Chapter 11   Configuring Arrays

11.0   Installing ISA Server 2004 Enterprise Edition
11.1   Configuring Arrays
11.2   Troubleshooting Array Configuration

Chapter 12   Enterprise and Array Policies

12.1   Using Enterprise and Array Policies
12.2   Enterprise Policy Administration
12.3   Array Policy Administration

Chapter 13   Enterprise Technologies

13.1   Enterprise Technologies and ISA Server 2004
13.2   Network Load Balancing

Chapter 14   ISA Server and Exchange Server 2003

14.1   Configuring ISA Server with Exchange Server 2003
14.2   Remote Access for Exchange Clients

Chapter 15   ISA Server 2006 Enterprise Edition

15.1   ISA Server 2006 System Requirements
15.2   ISA Server 2006 Editions Comparison
15.3   ISA Server 2006 New Features
15.4   65 ISA Server 2006 Key Features
ISA Server Labs

Lab #1  ISA Server 2004 ON-LINE HELP
Lab #2  Installing & Configuring ISA Server 2004 Standard Edition
Lab #3  ISA Server 2004 Client Types
Lab #4  Monitoring and Reporting
Lab #5  Performance Monitor
Lab #6  Configuring Toolbox Elements
Lab #7  Network Objects
Lab #8  System Policy
Lab #9  Overview of Firewall Policy
Lab #10 Access Rules
Lab #11 Web & Server Publishing
Lab #12 Working with Network Templates
Lab #13 Networks & Network Sets & Network Rules
Lab #14 Web & Firewall Chaining
Lab #15 ISA Server Security and Administration Overview
Lab #16 Security Policy Administration
Lab #17 Securing VPN Access
Lab #18 Site to Site VPN Configuration
Lab #19 Installing ISA Server 2004 Enterprise Edition
Lab #20 Configuring Arrays
Lab #21 Enterprise Policy Administration
Lab #22 Enterprise Technologies and ISA Server 2004
Lab #23 Network Load Balancing
Lab #24 ISA Server 2006 System Requirements
Lab #25 ISA Server 2006 Editions Comparison
Lab #26 ISA Server 2006 New Features

Utilities Folder

• Ebooks
• Exams (ISA, Exchange, SQL Servers)
• Glossary
• Tools