

همراه با حمایت فنی رایگان از طریق ایمیل
همراه با اعطاء مدرک معتبر



Microsoft

Edition 2016

مالتی مدیای Microsoft Pack ISA, SQL, Exchange Servers به زبان فارسی (۱ DVD – ۶۵ ساعت)

این ۱ DVD شامل:

۴۰ بخش آموزشی با بیش از ۱۷۹ درس به زبان انگلیسی و تشریح فارسی ✓

۱۶۳ لابراتور کاربردی برای توضیح کامل و شفاف مطالب ✓

Utilities شامل: ✓

ابزارهای نرم افزاری. E-Book. ها, VMware Workstation ۱۱ ✓

مطالب جدید و بروز: ✓

SQL Server ۲۰۱۴, Exchange Server ۲۰۱۳ SP۱, 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 5 Monitoring and Reporting

- 5.1 Monitoring and Reporting
- 5.2 Performance Monitor

Chapter 6 Configuring Toolbox Elements

- 6.1 Configuring Toolbox Elements
- 6.2 Network Objects

Chapter 7 Configuring ISA Server Firewall Policy

- 7.1 Configuring ISA Server Firewall Policy
- 7.2 System Policy
- 7.3 Overview of Firewall Policy
- 7.4 Access Rules
- 7.5 Web & Server Publishing
- 7.6 Troubleshooting FW Policy

Chapter 8 Configuring Multinetworking

- 8.1 Multinetworking Overview
- 8.2 Working with Network Templates
- 8.3 Networks & Network Sets & Network Rules
- 8.4 Web & Firewall Chaining

Chapter 9 ISA Server Security and Administration

- 9.1 Overview
- 9.2 Security Policy Administration

Chapter 10 Securing VPN Access

- 10.1 Securing VPN Access
- 10.2 Site to Site VPN Configuration
- 10.3 VPN Quarantine

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