ADM540

Database Administration SAP ASE for SAP Business Suite

COURSE OUTLINE

Course Version: 16

Course Duration: 3 Day(s)

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	>
Procedure	2 3
Warning or Caution	A
Hint	
Related or Additional Information	>>
Facilitated Discussion	,
User interface control	Example text
Window title	Example text



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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:



UNIT 1 SAP Adaptive Server Enterprise Overview

Lesson 1: Describing SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

- Learn about SAP ASE
- Place in SAP Datamanagement portfolio
- List facts about SAP ASE

Lesson 2: Understanding SAP ASE Editions, Options and versions

Lesson Objectives

After completing this lesson, you will be able to:

- · List Editions
- List Options and license models
- **Know SAP ASE Versions**

Lesson 3: Understanding SAP ASE Concepts

Lesson Objectives

After completing this lesson, you will be able to:

- List SAP ASE Processes
- List system databases
- List system tables
- · List monitoring tables
- · List system stored procedures

Lesson 4: Finding SAP ASE software on the operating system

Lesson Objectives

After completing this lesson, you will be able to:

· Use environment variables



- Understand directory structure
- Locate important files
- Identify connection types

Lesson 5: Understanding integration with SAP Netweaver

Lesson Objectives

- · Locate client drivers
- Identify SAP Business Suite processes
- Configuring client drivers in SAP Netweaver profile

UNIT 2 SAP ASE Server Operations

Lesson 1: Reviewing start process of SAP Netweaver

Lesson Objectives

After completing this lesson, you will be able to:

Start SAP Netweaver

Lesson 2: Starting SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

- Understand content and function of SAP ASE startup files
- Start SAP ASE on Unix/Linux
- Start SAP ASE on Windows
- Start the Job scheduler

Lesson 3: Stopping SAP ASE

Lesson Objectives

- Shutdown SAP ASE Server
- Kill the SAP ASE processes on Operating System level
- Kill SAP ASE spids

SAP ASE Administration Tools

Lesson 1: Using DBA Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

· Administer SAP ASE with DBA Cockpit

Lesson 2: Using commandline utilities

Lesson Objectives

After completing this lesson, you will be able to:

- · Edit interfaces file
- · Login with isql
- · Login with dbisql

Lesson 3: Understanding other administration tools

Lesson Objectives

- · List monitoring tools
- · List server side tools
- · List client side tools
- List administration stored procedures

SAP ASE Internal Architecture and Configuration

Lesson 1: Understanding SAP ASE internal architecture

Lesson Objectives

After completing this lesson, you will be able to:

- · List SAP ASE internal components
- Understand task processing
- · Understand cache usage
- Understand network i/o subsystem
- Understand disk i/o subsystem
- Understand life of a query

Lesson 2: Configuring SAP ASE for SAP Business Suite

Lesson Objectives

- Sizing SAP ASE
- Learn how to configure SAP ASE



Monitor SAP ASE using DBA Cockpit

Lesson 1: Enabling monitoring with DBA Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

- Configure DBA Cockpit
- Integrate remote SAP ASE system in DBA Cockpit

Lesson 2: Monitoring SAP ASE using DBA Cockpit

Lesson Objectives

After completing this lesson, you will be able to:

• Understand DBA Cockpits capabillities

SAP ASE Space Management

Lesson 1: Describing SAP ASE space management

Lesson Objectives

After completing this lesson, you will be able to:

- · Structure of space
- Initializing and resizing devices
- Creating and altering databases
- Creating and altering tables
- Use recommendations

Lesson 2: Manage space in SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

Manage space in SAP ASE





UNIT 7 SAP ASE Security

Lesson 1: Granting access to SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

· Grant access to SAP ASE

Lesson 2: Enabling network security

Lesson Objectives

After completing this lesson, you will be able to:

• Enable network security

Lesson 3: Finalizing DBA Cockpit remote connection to SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

• Configure remote connection to SAP ASE



Business Continuity Planning

Lesson 1: Maintaining SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

Maintain SAP ASE

Lesson 2: Recovering from system failures

Lesson Objectives

After completing this lesson, you will be able to:

• Recover from system failures

Lesson 3: Planning for recovery from media failure

Lesson Objectives

After completing this lesson, you will be able to:

· Recover from media failures

Lesson 4: Configuring for backups

Lesson Objectives

After completing this lesson, you will be able to:

Configure for backups

Lesson 5: Performing a backup

Lesson Objectives

After completing this lesson, you will be able to:

· Performing a backup

Lesson 6: Testing to recover a database

Lesson Objectives



After completing this lesson, you will be able to:

• Test recovery of a database

UNIT 9 SAP ASE Life Cycle Management

Lesson 1: Reviewing SAP ASE Editions, Options and versions

Lesson Objectives

After completing this lesson, you will be able to:

• Review SAP ASE Editions, Options and Versions

Lesson 2: Planning upgrade of SAP ASE

Lesson Objectives

After completing this lesson, you will be able to:

• Plan an upgrade of SAP ASE

