

| FORMAÇÃO |

DATA:

- De 29 de Junho a 31 de Julho de 2015

DURAÇÃO:

- 25 dias

HORÁRIO:

- 17h30 às 22h30

VALOR INSCRIÇÃO:

- € 8.750 + IVA

DESTINATÁRIOS:

- Administradores de Sistemas
- Administradores de Bases de Dados
- Arquitetos de Sistemas
- Program/Project Managers
- Technology Consultants
- Estudantes nas áreas de TI (Sistemas de Informação, Ciências e Tecnologias da Informação, Engenharia Informática, Informática e Gestão de Empresas)

SOBRE AS ACADEMIAS SAP:

As Academias SAP têm como principal foco o desenvolvimento de profissionais especializados em determinadas soluções. Dirigem-se a clientes e grupos de usuários, consultores SAP, parceiros e universidades, uma massa crítica de profissionais que busca certificação nos mais diferentes aplicativos de negócios. A participação nas Academias SAP permite a otimização do relacionamento com a SAP, incrementa oportunidades de negócio, amplia a capacitação, confere maior transparência aos processos, além de assegurar acesso imediato a informações e conhecimento.

REQUISITOS

Não é necessário conhecimento ou experiência prévia para realizar a ACADEMIA. Recomenda-se, porém, noções e conhecimento em processamento de dados – os conhecimentos fundamentais de sistemas operacionais e de bases de dados sem algum dos processos funcionais de uma empresa (tais como contabilidade, finanças ou logística, entre outros) onde se implementará a tecnologia SAP.

Na realização da Academia SAP, formandos e as suas empresas beneficiarão de:

- Formação de alta qualidade, ministradas por especialistas SAP;
- Conhecimento atualizado nas novas soluções SAP;
- Um forte foco em processos de negócios e soluções;
- Cobertura abrangente da plataforma SAP NetWeaver e suas potenciais aplicações;
- Um abrangente programa de certificação que indubitavelmente oferece uma vantagem competitiva através da diferenciação.

ACADEMY GOALS

This training course will provide you with all the database and operating system-independent knowledge for being an SAP Technology Consultant and prepare you to:

- Work as a Technology Consultant (Associate) within the SAP environment
 - Install, configure and maintain SAP systems based on SAP NetWeaver AS ABAP;
 - Install, configure and maintain SAP systems based on SAP NetWeaver AS Java.

ACADEMY OBJECTIVES

After completing this training course, you will be able to:

- Process and perform basic and administrative tasks within the technology environment of SAP systems
- Introduce Oracle database administration on SAP systems using tools and transactions provided by SAP.
- Understand and describe the architecture of an Oracle database
- Use database management tools provided by SAP
- Define a backup strategy
- Perform backups with use of SAP database management tools
- Perform a restore/recovery of the database using SAP tools
- Explain the concepts of Oracle data storage management
- Use SAP tools to run regular database checks
- Solve storage-related problems
- Define a strategy for refreshing the statistics used by the cost-based optimizer
- Describe Oracle cache management
- Use the SAP database monitor to analyze performance problems
- Detect expensive SQL statements
- Describe how incorrect indexes affect performance
- Analyze memory configuration of the Oracle database
- Analyze physical and logical layout of the database

CONTEÚDOS PROGRAMÁTICOS:

1. TAMD10 – SAP NetWeaver AS Implementation & Operation I (Part 1) – 5 dias

- **Unit 1: SAP Systems**
 - Explaining the Key Capabilities of SAP NetWeaver
 - Explaining the Architecture of an SAP System, AS ABAP and AS Java
- **Unit 2: Navigation Basics**
 - Navigating with SAP GUI for Windows in AS ABAP Systems
 - Navigating with a Browser in AS Java Systems
- **Unit 3: SAP User Interfaces**
 - Accessing AS ABAP Systems with SAP GUI
 - Accessing SAP Systems using Other User Interfaces
- **Unit 4: System Core**
 - Explaining AS ABAP and AS Java System Architecture
 - Identifying the Processes of an AS ABAP System
 - Processing User Requests in AS ABAP
 - Explaining Additional Processes of an AS ABAP System
 - Explaining the Processes of an AS Java System
- **Unit 5: ABAP Administration Fundamentals**
 - Explaining the Architecture of SAP NetWeaver Application Server
 - Describing the Procedure of a System Logon (AS ABAP)
 - Configuring SAP Logon
 - Setting Up Logon Groups in AS ABAP
 - Operating Common System Administration Tasks
- **Unit 6: Fundamental Concepts of Java**
 - Describing the Fundamental Concepts of Java
 - Describing the Architecture of the SAP NetWeaver Application Server (AS)
 - Outlining the Java Cluster Architecture
 - Describing the Internal Structure of AS Java
- **Unit 7: SAP Portfolio Overview**
 - Identifying the Platform, Database, and User Experience in the SAP Technology Portfolio
 - Outlining Additional Components of the SAP Technology Portfolio
 - Identifying the Components of the SAP Applications Portfolio

- **Unit 8: SAP Start and Stop Procedures**
 - Describing the Start and Stop Procedure of an SAP System
 - Describing the Start Process of the SAP NetWeaver AS ABAP
 - Starting and Stopping SAP Systems
 - Analyzing the AS ABAP Logs for a Failed System Start
 - Scheduling Downtime
- **Unit 9: AS Java Start and Stop Procedures**
 - Starting and Stopping an AS Java
 - Evaluating the Tools for Starting and Stopping SAP Systems
 - Evaluating Load Balancing Options in the AS Java Environment
 - Operating the Java Startup and Control Framework
 - Analyzing the Logs of Start and Stop Processes of AS Java
- **Unit 10: SAP System Configuration**
 - Analyzing System Profile Parameters
 - Maintaining Profile Parameters
- **Unit 11: AS Java Basic Configuration**
 - Identifying Administration Tools Used in Configuration
 - Maintaining the Basic Configuration of AS Java with the Config Tool
 - Configuring AS Java with SAP NetWeaver Administrator
 - Configuring the Properties of the Central Services Instance
 - Administering the ICM Process
- **Unit 12: Software Development in SAP Systems**
 - Outlining the Data Structure of an AS ABAP System
 - Managing Transports in the ABAP Environment
 - Explaining ABAP Workbench Tools
 - Developing and Transporting an ABAP Repository Object
 - Developing Applications in AS Java
 - Developing Applications in Eclipse for ABAP

2. TAMD10 – SAP NetWeaver AS Implementation & Operation I (Part 2) – 5 dias

- **Unit 1: Technology Components for Browser-Based User Dialogs**
 - Describing Internet Scenarios with SAP Systems
 - Describing the Internet Communication Manager (ICM)
 - Using the Internet Communication Framework (ICF)
 - Using the SAP Web Dispatcher
- **Unit 2: Advanced System Configuration**
 - Administrating Web Services in AS ABAP
 - Setting Up Communication with SAPconnect
 - Setting Up Communication with Simple Mail Transfer Protocol (SMTP)
 - Explaining the Components of the SAP Gateway
 - Using ABAP SAP Central Services Instance (ASCS)^
 - Using the Enqueue Replication Server (ERS)
- **Unit 3: User Administration Fundamentals**
 - Explaining the Architecture of SAP NetWeaver Application Server
 - Describing the Procedure of a System Logon (AS ABAP)
 - Configuring SAP Logon
 - Setting Up Logon Groups in AS ABAP
 - Operating Common System Administration Tasks
- **Unit 4: User and Authorization Administration**
 - Configuring the User Management Engine (UME)
 - Maintaining Users and Groups
 - Managing Java Authorization
 - Administrating Special Principles
 - Configuring the Logon Procedure of the AS Java
- **Unit 5: Infrastructure Security**
 - Describing Network Security
 - Setting Up SSL
- **Unit 6: Communication and Integration Technologies**
 - Describing Communication with Remote Function Call (RFC) Based Technology
 - Describing the Basics of Web Services
 - Describing OData in SAP

- **Unit 7: RFC Connections**
 - Configuring Remote Function Calls
 - Setting Up Remote Connections
- **Unit 8: Java Connectors and Destinations**
 - Creating Connections to Other Systems
 - Creating Connections to Other Systems with the Java Connector Architecture
- **Unit 9: System Monitoring and Troubleshooting**
 - Explaining the Monitoring Architecture
 - Monitoring SAP Systems
 - Monitoring with SAP Solution Manager
 - Troubleshooting with Traces and Protocols
 - Developing a Troubleshooting Procedure
- **Unit 10: Monitoring**
 - Monitoring AS Java
 - Connecting to a Central Monitoring System
 - Configuring Availability Monitoring
 - Viewing and Configuring the Log and Trace Files
 - Monitoring a System with SAP Solution Manager
- **Unit 11: Application Lifecycle Management**
 - Explaining Application Lifecycle Management (ALM)
 - Describing the Installation of an SAP System

3. TAMD12 – SAP NetWeaver AS Implementation & Operation II (Part 1) – 5 dias

- **Unit 1: SAP System Architecture**
 - Describing SAP Systems
 - Describing the Processes of an Application Server (AS) ABAP and Java-Based SAP System
- **Unit 2: Installation Preparation**
 - Installing an SAP System with Software Provisioning Manager (SWPM)
 - Installing an SAP System with SAPinst
 - Preparing for the Installation
 - Considering SAP Recommendations Regarding the Use of Virtual Host Names
 - Preparing for the Installation of an SAP System on Windows
 - Preparing for the Installation of an SAP System on UNIX
- **Unit 3: Installation Planning**
 - Planning an Installation
- **Unit 4: SAP ERP Central Component Installation: Application Server (AS) ABAP**
 - Installing SAP ERP Central Component
 - Installing an Additional Application Server (AAS) for AS ABAP-based SAP Systems
- **Unit 5: SAP Solution Manager Installation**
 - Installing SAP Solution Manager
 - Installing an AAS for an AS ABAP + Java SAP System
- **Unit 6: AS ABAP Post-Installation Activities**
 - Identifying Initial Post-Installation Steps
 - Setting up Support for the SAP System
 - Completing Additional Configuration Steps
 - Performing Further Setup Activities
 - Using Automated Initial Setup of SAP NetWeaver 7.4, AS ABAP Procedure
 - Configuring an Application Server (AS) Java-Based SAP System
 - Installing Standalone SAP Gateway
- **Unit 7: SAP ECC (AS ABAP) Component Installation and Patch Application**
 - Patching SAP Systems
 - Preparing a Maintenance Transaction
 - Completing the Installation of the Enhancement Package 7 for SAP ERP 6.0
 - Preparing AS ABAP-Based SAP Systems Before Using SUM
 - Updating AS ABAP-based SAP Systems Using SUM
 - Completing the Required Activities After Updating the SAP ECC System

- **Unit 8: SAP Enterprise Portal Installation: Application Server (AS) Java Component**
 - Installing an SAP Enterprise Portal System
- **Unit 9: SAP Solution Manager (AS ABAP Plus Java) Patch Application**
 - Updating AS ABAP Plus Java-Based SAP Systems Using Software Update Manager (SUM)
- **Unit 10: SAP Enterprise Portal (AS Java) Patch Application**
 - Updating AS Java-Based SAP Systems Using Software Update Manager
- **Unit 11: Output Management**
 - Configuring Printers in AS ABAP
 - Managing Spool Requests
 - Setting Up the Printing Assistant for Landscapes (PAL)
- **Unit 12: Background Processing**
 - Administrating Background Jobs

4. TAMD12 – SAP NetWeaver AS Implementation & Operation II (Part 2) – 5 dias

- **Unit 1: Introduction to SAP Software Logistics**
 - Describing the SAP System Landscape
 - Describing the Clients in an SAP System
 - Defining System and Client Change Options
- **Unit 2: SAP System Landscape**
 - Setting Up the Transport Management System (TMS)
 - Creating Extended Transport Control
- **Unit 3: Transport Request in SAP Customizing and ABAP Development**
 - Customizing SAP Systems
 - Managing Transport Requests for Customizing
 - Describing the Customizing Process Flow
 - Describing Change Management for ABAP Development
 - Developing Customer Programs
 - Modifying SAP Objects
- **Unit 4: Transport Request Import**
 - Describing the Transport Process Flow
 - Importing Transport Requests Using TMS
 - Defining the Quality Assurance (QA) Approval Procedure and Transport Proposals
 - Maintaining the Import Process
 - Monitoring Transport Activity
 - Cleaning Up the Transport Directory
- **Unit 5: Enhanced Change and Transport System (Enhanced CTS)**
 - Configuring the Change and Transport System (CTS) for Transporting Non-ABAP Objects
 - Transporting Non-ABAP Objects
- **Unit 6: Client Tools**
 - Describing Client Copy and Client Transport Tools
 - Performing Client Copies
 - Managing a Client Transport
 - Deleting Client Copies
 - Monitoring Client Copies
 - Performing Client Compare and Adjustment

- **Unit 7: SAP Software Maintenance**

- Implementing SAP Notes
- Describing SAP Support Packages
- Managing SAP Support Packages
- Managing SAP Support Packages with Software Update Manager(SUM)
- Implementing SAP Enhancement Packages and SAP System Upgrades
- Reviewing Phases in the Technical Implementation of an SAPSystem Update/Upgrade
- Activating Business Functions with SAP Switch Framework

5. TADM51 – SAP Netweaver AS DB Operation (Oracle) – 5 dias

- **Unit 1: Database Overview**
 - Reviewing Database Architecture
 - Connecting to the Database
 - Using Database Administration Tools
 - Administrating Oracle Instances
- **Unit 2: Backup, Restore, and Recovery**
 - Reviewing a Backup Strategy
 - Reviewing Backup Tools
 - Performing Backups
 - Performing Restore and Recovery
 - Working with Advanced Backup Techniques
- **Unit 3: Monitors and Tools**
 - Introducing Oracle Data Management
 - Managing Database System Check
 - Explaining Computing Center Management System (CCMS) Alert Monitor
- **Unit 4: Space Management**
 - Administering Tablespaces
 - Performing Reorganization of Tables
 - Housekeeping and Troubleshooting
- **Unit 5: Oracle Cache Management**
 - Introducing Oracle System Global Area
 - Introducing Automatic Oracle Program Global Area
- **Unit 6: Monitoring of the Database Instance**
 - Working in the DBA Cockpit Performance Monitor
 - Using the DBA Cockpit to Monitor the Database
- **Unit 7: Application Design Analysis**
 - Understanding the Impact of Expensive SQL Statements
 - Using SM50/SM66 to Find Expensive SQL Statements
 - Using ST03N/STAD to Find Expensive SQL Statements
 - Using ST04 to Find Expensive SQL Statements
 - Using SQL Trace to Find Expensive SQL Statements
 - Monitoring Exclusive Lock Waits

- **Unit 8: Index Management and Optimization**
 - Utilizing Indexes
 - Creating an Index
- **Unit 9: Cost-Based Optimizer**
 - Updating Statistics
 - Detecting Problems with Optimizer Statistics
- **Unit 10: Analysis of Physical and Logical Layout**
 - Defragmenting Indexes
 - Working with I/O Contention
- **Unit 11: Memory Configuration Analysis**
 - Describing Data Buffer Utilization
 - Analyzing the Efficiency of Shared Pool
 - Monitoring the Automatic Program Global Area
- **Unit 12: Wait Interface and Automatic Workload Repository**
 - Observing Oracle Wait Interface
 - Reviewing the Automatic Workload Repository and Histories



»»» EXAME DE CERTIFICAÇÃO:

| SAP Certified Technology Associate - System Administration (Oracle DB) with SAP NetWeaver 7.31 |

The certification exam validates the candidate's ability in the role as a technology consultant to assist clients or employers manage and execute key business processes. Armed with an understanding of SAP system administration, the candidate can put his/her knowledge into practice in projects.

DATA:

- 3 de Agosto de 2015

DURAÇÃO:

- 3 horas

Nº QUESTÕES:

- 80

CUT SCORE:

- 63

TOPIC AREAS:

List of topics that will be covered within this certification exam:

- Database Administration: > 12%
Describe the architecture of an SAP system that uses an Oracle database, list the components of a Oracle database instance and the database tools. Define and set up techniques for Oracle database administration.
- System Administration (AS ABAP and/or AS Java): > 12%
Determine how to configure and administer an SAP NW Application Server (AS ABAP and AS Java) and configure batch processing, RFC, ITS, printers, and SMTP. Manage spools and schedule background jobs.
- Installation (AS ABAP and AS Java): 8% - 12%
Describe the installation procedure of SAP ECC (AS ABAP), SAP XSS (AS Java), SAP Solution Manager, secondary application server, SAP GUI and required patches.
- System Monitoring (AS ABAP and/or AS Java): 8% - 12%
Set up system monitoring and operate performance system monitoring (AS ABAP and AS Java).
- Transport Management: 8% - 12%
Explain the methodology, concepts, and tools in SAP software logistics.
- User Administration (AS ABAP and/or AS Java): 8% - 12%
Explain user and authorization concepts and determine how to connect SAP systems to a Directory Server, describe how to connect SAP systems using LDAP, and configure CUA.
- SAP System concepts: < 8%
Explain and provide information about SAP products and technologies



O VALOR DA CERTIFICAÇÃO:

São poucas as credenciais no mundo dos negócios que possuem o valor da certificação SAP. Aqueles que a possuem aprimoraram suas habilidades por meio de estudos rigorosos e de experiência direta. Eles demonstraram as suas competências ao passar em exames rigorosos orientados a processos. Independente de ser um parceiro, um cliente ou um usuário da SAP, a certificação SAP pode oferecer-lhe uma vantagem competitiva diferenciada.

As empresas que implementam as soluções SAP utilizam os serviços de consultores certificados SAP. Como resultado, sabem que estão a receber ajuda de um especialista habilitado com as mais recentes informações das soluções SAP, adquiridas através de formação SAP oficial.

O formando que obtiver aprovação no exame, receberá um certificado com abrangência internacional e passará a fazer parte do seleto grupo de consultores SAP, além de maiores oportunidades no mercado de trabalho.

A CERTIFICAÇÃO SAP NA SUA CARREIRA

O seu conhecimento em aplicações e tecnologia SAP pode ser o seu passaporte para uma ampla gama de oportunidades. No mercado competitivo de hoje, indivíduos que demonstram possuir competências essenciais de negócio e tecnologia desfrutam de uma vantagem significativa sobre os seus pares. Isto é particularmente verdadeiro se sua experiência incluir conhecimentos SAP.

A certificação SAP é a validação ideal para avaliar e verificar suas competências SAP. Ao obter a certificação ou melhorando a sua certificação existente, prova que é qualificado e eficiente para a otimização do software SAP, melhorando o desempenho de uma organização empresarial. E ao certificar-se em SAP, passa a pertencer de uma comunidade distinta de especialistas reconhecidos em todo o mundo.

Cada vez mais as empresas exigem projetos de implementação tecnológicos de sucesso, que possam contribuir para um maior retorno do investimento (ROI) e atender aos seus objetivos de negócios. Profissionais certificados são fundamentais para garantir esta alta qualidade e, com isso, conferir um grande impulso à produtividade, além de aumentar a vantagem competitiva no mercado de trabalho.

Um cliente SAP sabe entender o valor de uma formação SAP. E quando os seus colaboradores sabem como extrair o máximo proveito do seu investimento em software SAP, a sua empresa se beneficia de uma maior produtividade organizacional, melhora a tomada de decisões e obtém, consequentemente, maior satisfação dos seus clientes.

OUTRAS INFORMAÇÕES

A SAP apenas aceita inscrições em exames de certificação de participantes que já realizaram cursos ou uma Academia Oficial SAP, nas suas instalações ou em centros de formação homologados / SAP Education Partners, como a People & Skills. Esta iniciativa visa aprimorar e nivelar mundialmente o conhecimento de consultores certificados SAP, além de preservar o investimento realizado em formação SAP por parte dos formandos.

Cada vez mais as empresas exigem projetos de implementação tecnológicos de sucesso, que possam contribuir para um maior retorno do investimento (ROI) e atender aos seus objetivos de negócios. Profissionais certificados são fundamentais para garantir esta alta qualidade e, com isso, conferir um grande impulso à produtividade, além de aumentar a vantagem competitiva no mercado de trabalho.