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SAP BASIS Course Curriculum

A set of middleware programs and tools that provide the underlying base that enable applications to be interoperable across operating systems. SAP BASIS includes a RDBMS, GUI, and client server architecture.

Beyond the interface aspect of BASIS, it also includes such components as a data dictionary as well as user and system administration. BASIS is a business application software integrated solution. Simply, BASIS is the administration of the SAP system. It's a piece of middleware which links the application with the database and the operating system.

BASIS is most commonly associated with the GUI interface to the SAP, and the BASIS administrator is an SAP professional who is responsible for configuring the SAP environment, including the GUI screens and SAP application servers.

Day-1

BASIS and Security Administration Course Topics

a. SAP General Information
b. Systems Overview
c. Architecture of SAP Systems Landscape
d. Hardware Sizing, Operating Systems and Database
e. Installing SAP Front-end/GUI
f. SAP Logon Pad and Configuration
g. SAP Navigations, Transaction Codes, ABAP Program

Day-2

h. SAP online help, Service Market Place, SDN and other resources
i. Preparation on Installing SAP System
j. Information on Installing SAP System
k. Post Installation process
l. Central and Distribution Instances
m. Starting and Stopping Sap Systems from SAP Service Manager
n. System Monitoring

Day-3

o. User and ABAP tracing
p. Configuring System Profiles to allocate work, background, spool etc processes
q. Memory Configuration
r. RFC Connection to other systems like Portal, BI, SRM etc.
s. Database Monitoring and backup
t. Configuring Transport Management for Development, Quality and Production Systems
u. Importing Transports requests to Quality and Production Systems
v. Client and System Copy

w. OSS Notes

Day-4

x. Process to import Support Packages

y. Configuring Printing from SAP Systems

z. SAP Spools

aa. Scheduling and monitoring background jobs

gg. Central users administration (CUA)

hh. Information on SAP Solution Manager

ii. Important SAP Transactions Codes for Basis Administrator

bb. Users management -> maintaining users in SAP Systems

cc. Creating Security Roles and assigning users into those roles

dd. Transporting Roles from Dev System to Production

ee. Monitoring Users and their activities

ff. Troubleshoot Users security and transactions

Day-5

jj. SAP Router

kk. SAP Files Directory

ll. SAP Error Log (SM21) and ABAP Dump (ST22)

mm. Trouble SAP Error and find solution