SAP BASIS Syllabus Structure

BASIS

CLIENT SERVER ARCHITECTURE

- TYPES OF GUI
- GUI FOR WINDOWS
- GUI FOR JAVA
- GUI FOR HTML
- SAPLOGON.INI
- SAPMSG.INI
- TYPES OF SUPPORT
- ONSITE SUPPORT
- RIGHT SHORE SUPPORT
- OFF SHORE SUPPORT

ACTIVITIES CONSIDERED FOR SAP SUPPORT

- SYSTEM MONITORING AND SUPPORT
- PROACTIVE MONITORING
- REACTIVE SUPPORT
- SYSTEM HEALTH CHECK
- SAP SYSTEM LANDSCAPE
- BACKUP MANAGEMENT
- SECURITY
- REPORTING
- MODE OF COMMUNICATION
- DOWN TIME MANAGEMENT
- SLA (SERVICE LEVEL AGREEMENT)
- PRIORITIES
- ESCALATION

SAP APPLICATION SERVER

- REQUEST WORK FLOW
- SAP APPLICATION SERVER INSTALLATION
- STRUCTURE OF APPLICATION SERVER

DIALOG WORK PROCESS

- DIALOG STEP
- DIALOG WORKPROCESS MULTIPLEXING
- DIALOG PROCESS MANAGEMENT (SM50)

BACKGROUND PROCESS

- PROCESS FLOW
- JOB STATUS
- JOB STEPS
- BACKGROUND JOB MONITORING
- STANDARD BACKGROUND JOBS
- REASONS FOR CANCELLATION JOBS

UPDATE PROCESS

- UPDATE PROCESS FLOW
- UPDATE MECHANISM
- UPDATE MONITORING
- UPDATE REORGANISATION
- UPDATE DEACTIVATION
- UPDATE ADMINISTRATION

ENQUEUE PROCESS

- ENQUEUE MECHANISM
- ENQUEUE MONITORING
- LOCK DELETION PROCESS

MESSAGE SERVER & GATEWAY PROCESS

- GATEWAY MONITORING
- LOGON LOAD BALANCING
- LOGON GROUPS
- CONFIGURING SAP GUI FOR LOGON GROUPS

OPERATION MODES

- PEAK MODE
- OFF PEAK MODE

SPOOL PROCESS

- SPOOL MECHANISM

- SPOOL MONITORING
- ADVANTAGES OF TEMSE
- REMOTE ACCESS METHOD
- LOCAL ACCESS METHOD
- SPOOL SERVER /SPOOL INSTANCE
- REAL SPOOL SERVER
- LOGICAL SPOOL SERVER
- DEFINING A PRINTER
- SPOOL REQUEST STATUSES
- SPOOL PROCESS OVERLOAD
- SPOOL AUTHORIZATION
- TEMSE UTILIZATION

INSTANCE MANAGEMENT

- PROFILE MANAGEMENT
- RFC CONNECTIONS

PERFORMANCE AND FINE TUNING

- FRONT END TIME
- WAIT TIME
- ROLL IN TIME
- ROLL OUT TIME'
- ROLL WAIT TIME
- PROCESSING TIME
- CPU TIME
- LOAD /GENERATION TIME
- ENQUEUE TIME
- RFC / CPIC TIME
- DATABASE TIME
- AVERAGE RESPONSE TIME

BUFFER MANAGEMENT

- FULL BUFFERING
- NO BUFFERING
- GENERIC BUFFERING

- SINGLE RECORD BUFFERING
- TABLE BUFFERING

BUFFER SYNCHRONIZATION & DEVELOPER TRACES

- BUFFER TRACES
- RFC TRACE
- ENQUEUE TRACE

MEMORY MANAGEMENT

- PHYSICAL MEMORY
- VIRTUAL MEMORY
- SHARED MEMORY
- HEAP MEMORY

IMPLEMENTATION

ASAP Methodology

- Project Preparation
- Blue Print Phase
- Realization
- GO-Live and Support

Hardware Sizing

- Process of Sizing
- SAPS (SAP Application Benchmark for Performance Standard)
- Output of Sizing.

SAP Configurations

- Overview of SAP Installation (All Components & All Versions)
- Start and Shutdown SAP Server
- Post Installation Actions
- Logical Systems for Each Client
- Create Clients
- SAP Client Copy (Local, Remote, Export & Import Methods)
- Client Copy Monitoring & Logs

- Perform the post processing of client copy
- Configuring the different Internationalization language
- Configure webgui
- SEGN ABAP Programs Compilation
- TMS Transport Management System
- Create Virtual Systems
- Configuring the Two, Three and Multi Systems Landscape
- Adapting SAP System
- Landscape Strategy
- Client Strategy
- Change Requests & Transport Requests
- Copy the Change Requests between Clients in the Same
- Client Lock and Unlock
- Support Packages
- SPDD/SPAU
- Upgrading the Kernel.
- Appling Notes & it's Types
- Appling Add-ons / Plug-ins
- SPAM/SAINT Update
- End User Training
- Analysis Session
- Run Time Issues

SAP-SECURITY

- Security Architecture.
- Terminology of authorizations & authentications.
- User & Role administration.
- User settings.
- Authorizations in general.
- creating & implementing an authorization
- Working with profile generators.

- Configuring the All Kind of Roles (composite role, single role, derived role)
- Trouble Shooting Security Issues, System Trace & su53.
- Transporting and Imploring the Roles.
- Central user administration.
- What are Segregation of Duties?
- Troubleshooting missing Authorizations.
- Sap license Administration.

DATABASE SYLLABUS

- Database Architecture.
- Work process connection mechanism.
- Ops$ mechanism.
- DB File structure.
- Initialization, network & control files.
- Start-up & shutdown modes.
- Brtools.
- All types of backup (whole, full, incremental...)
- Oracle errors.
- Database standard jobs.
- Database planning calendar.
- Database backup logs.
- Database monitoring.
- Restore & recovery.
- System copies methods (pre, process, post steps).

COURSE HIGHLIGHTS

- Overview of SAP Installation (All Components & All Versions)
- Experiencing on OS (RHEL, SUSE & Windows)
- Experiencing on service market place.
- Live through on Real time Issues on Real Systems
- SAP Distributed Installation.

- EHP Update
- Stack File Generation Using MOPZ (solution Manager 7.1)
- DB Refreshes.
- System Copies (Homogenous & Heterogeneous)
- Migrations (Data Centre, OS/DB, Hardware)
- All backups like Whole, Full, Incremental, Redolog
- Netweaver Overview
- Solution Manager Setup
- Resume Preparation.
- Guidelines by way of interview Point.