

**EFFECTIVE 3/24/2010** 

SAP Applications: R/3, ECC, BW/BI, XI/PI, EP, SCM, SolMan, etc.

#### ☐ System Monitoring

- Proactively monitor systems and troubleshoot and document issues as they occur Offerings:
  - \*\* 1 hour
  - \*\* 4 Hours
  - 8 Hours
  - 24 Hours
  - 3 Times a day
  - After hours (additional coverage)
  - During an Outage (addition coverage)

#### ☐ System Monitoring Check List

- Identify and document key transactions and processes to be routinely monitored Offerings:
  - Create a daily check list (tailored to your organization)

#### ☐ Help Desk Support

■ Tier 1, 2, 3 Basis help desk support for end user issue resolution Offerings:

- Normal Operations: 7am 6pm
- Emergency On-Call support
  - Weeknight evening support: 6pm 7am
  - Weekend coverage: 24 hours
  - Holiday coverage: 24 hours

#### ☐ Clone a System

Create an exact copy of an SAP system from one host to another Offerings:

- Clone an SAP system from one host to another New Target System (Exact copy same
- Clone an SAP system from one host to another Existing Target System (Exact copy same SID )

#### ☐ Design and Document Clone System Copy Process

- Design and Document the Clone System Copy Process Offerings:
  - Create/Design/Document Clone System Copy process New Functionality OnDemand
  - Modify/Update Existing Clone System Copy process

#### ☐ Homogeneous System Copy

Refresh of one SAP system to another (i.e. PRD -> QAS)



#### Offerings:

- Homogeneous system copy New Target System ( same hardware, database and operating system)
- Homogeneous system copy Existing Target System (same hardware, database and operating system)

#### ☐ Design and Document Homogeneous System Copy Process

- Design and Document the Homogeneous System Copy Process Offerings:
  - Create/Design/Document Homogeneous System Copy process New Functionality **OnDemand**
  - Modify/Update Existing Homogeneous System Copy process

#### ☐ Heterogeneous System Copy

Migrate one SAP system to another (i.e. different hardware, OS, DB) Offerings:

- Heterogeneous system copy New Target System (same hardware, database and \*\* operating system)
- Heterogeneous system copy Existing Target System (same hardware, database and operating system)

#### ☐ Design and Document Heterogeneous System Copy Process

Design and Document the Heterogeneous System Copy Process Offerings:

- Create/Design/Document Heterogeneous System Copy process New Functionality **OnDemand**
- Modify/Update Existing Heterogeneous System Copy process

#### ☐ Support Package Stacks

Apply Support Stack and Kernel Patches

#### Offerings:

- Apply patches to a single non-production system
- Apply patches to Production system only

#### ☐ Design and Document Support Package Strategy

Design and Document a customized Support Package Strategy

#### Offerings:

- Develop/Design Support Package Strategy
- Maintain/Modify/Update Current Support Package Strategy
- Audit/Review Current Support Package Strategy

#### ☐ SAP Installation

■ Install an SAP application server, DB and Central Instance

#### Offerings:

- Installation of an SAP Application Server
- Installation of an SAP Database Instance
- Installation of an SAP Central System (CI/DB on the same Server)



- Installation of an SAP Central Instance, Database Instance and Application Server ☐ SAP Application Server Redeployment ■ Redeploy/move an existing SAP application server Offerings: Redeploy an existing SAP Application Server (ie. Move from QAS to PRD) Migrate/Move an Existing SAP System from one Server to another Server Client Maintenance Perform/Optimize Client Copies, Deletes, Imports, and Exports Offerings: Create/Refresh/Perform Local Client Copies Create/Refresh/Perform Remote Client Copies Export / Import Clients Delete Clients Optimize/Tune Client Copies, Client Deletes, Client Exports, Client Imports ☐ Client Strategy Design and Document Client Usage Strategy Offerings: Audit/Review Current Client Strategy Design/Create/Document Client Strategy Maintain/Modify/Update Current Client Strategy **☐** Break-fix issue resolution ■ Identify, analyze and resolve a Break-Fix / Work Stoppage Issue Offerings: Analyze/Document/Resolve a Break-Fix Issue ☐ Performance issue resolution Identify, analyze and resolve a Performance Issue Offerings: ❖ Analyze/Document/Resolve an ERP Performance Issue Analyze/Document/Resolve a BI Report Issue
  - - Analyze/Document/Resolve an ABAP Program Issue

    - Analyze/Document/Resolve a JAVA Instance Issue
- ☐ Prepare & Schedule EarlyWatch and Go-Live Sessions
  - Prepare & Schedule EarlyWatch and Go-Live sessions Offerings:
    - Prepare, Schedule and Review EarlyWatch and Go-Live sessions
- ☐ Analyze EarlyWatch and Go-Live Sessions
  - Analyze, Prioritize and Document EarlyWatch and Go-Live Session Results Offerings:
    - Prepare, Schedule and Review Earlywatch/Go-Live sessions
    - Review/Document/Prioritize Action Items from Existing EWA and Go-Live Reports



### ☐ Installation of a JAVA Instance ■ Install a JAVA Instance on a variety of configurations Offerings: Installation of an SAP JAVA Instance Installation of an SAP ADS ( Adobe Document Server )

### ☐ SAP JAVA Instance Redeployment

- Redeploy/move an existing JAVA Instance to another server Offerings:
  - Redeploy an existing SAP JAVA Instance ( Move from QAS to PRD )
  - Redeploy, Maintain, modify & update ADS ( Adobe Document Server )

#### ☐ Performance and Tuning an SAP Instance

- Analyze and Optimally Performance Tune an SAP Instance Offerings:
  - Tune an SAP ABAP Instance
  - Tune an SAP JAVA Instance
  - Tune an SAP Dual Stack Instance
  - Tune an SAP Database Instance
  - Tune an SAP Central Instance
  - Tune an SAP Central Services Instance

#### ☐ OSS: Note Application

Analyze OSS Note, Apply and Test OSS Note

#### Offerings:

- OSS Note Application (Analyze, Download, Apply)
- OSS Note Application (Analyze, Download, Apply and Test)

#### ☐ OSS: Maintain Customer Data, Users and Messages

- Maintain Connections, Customer Data, Users, Objects and Messages Offerings:
  - OSS Messages (Open, Track, Update, Analyze, Apply Correction, Close)
  - Maintain/Modify/Update Customer data and User Accounts
  - Register Developers/Objects
  - Maintain/Update/Open OSS Connections
  - Maintain/Update System Configuration

#### ☐ Transport Management System Design

- Design, Configure and Document the SAP Transport Management System Offerings:
  - Design, Configure and Document a Three System Landscape Strategy
  - Design, Configure and Document a Four System Landscape Strategy
  - Design, Configure and Document a Complex Four System Landscape Strategy
  - Train SAP Team on Promote to Production Transport Process
- ☐ Transport Management System Approval Process



- Setup, Configure and Document the Approval Process for TMS Offerings:
  - Setup and Configure Approval Process
  - Document and Train SAP Team on Approval Process
- ☐ Transport Management System Workflow Process
  - Setup, Configure and Document the Workflow Process for TMS Offerings:
    - Setup and Configure Workflow Process
    - Document and Train SAP Team on Workflow Process
- ☐ Transport Management System Design
  - Audit, Review and Document Current TMS Configuration Offerings:
    - Audit Current system landscape
    - Modify/Update existing landscape strategy Existing Configuration
    - Maintain/Update/Configure approval process for Current Landscape
    - Modify/Update Transport Workflow Existing Configuration
    - Document and Train SAP Team on Promote to Production Transport Process
- ☐ Transport Request Management
  - Perform, Analyze and Resolve Transport Request Issues Offerings:
    - Rebundle Transport Requests
    - Export/Import Transport Requests
    - Troubleshoot Transport Request Issues
- ☐ Transport Request Management Documents
  - Review and Design Transport Request Form
  - Offerings:
    - Create a Transport Request Form
    - Modify/Update existing Transport Request Form
- ☐ Application Server Strategy
  - Design, Review and Optimize Application Server Strategy Offerings:
    - Review/Audit Application Server Strategy
    - Setup/Configure/Optimize RFC Server Groups
    - Maintain/Modify/Update RFC Server Groups
    - Troubleshoot/Resolve issues with RFC Server Groups
    - Setup/Configure/Optimize Logon Load Balancing Server Groups
    - Maintain/Modify/Update Logon Load Balancing Server Groups
    - Define and Configure Special Purpose Servers (Batch / Print)
    - Maintain/Modify/Update Special Purpose Servers (Batch / Print)
- ☐ SAP Security Administration for Users and Roles



### Maintain SAP Security for Users and Roles Offerings:

- Create/Modify/Delete Users
- Analyze/Audit User Activity
- Monitor User Activity
- Create and Design Roles
- Create and Design Complex Composite Role
- Maintain/Modify/Update Existing Roles
- Assign Roles to Users/Positions/Jobs
- Analyze/Resolve User and Role Security issues
- Perform Security Trace and Document Results
- Modify/Update Current Security Matrix

#### ☐ SAP Audit Information System (AIS)

Setup and Configure the Audit Information System Offerings:

- Setup/Configure Audit Information System
- Maintain/Modify/Update Current AIS Environment

#### ☐ SAP Security Strategy

Design, Develop and Document Security Strategy and Matrix Offerings:

- Design/Develop/Document Security strategy
- Create/Design Detailed Security Matrix
- Audit Current Security Strategy and Matrix

#### ☐ SAP Central User Administration (CUA)

Setup, Configure and Document CUA

#### Offerings:

- Setup, Configure and Document CUA
- Maintain/Modify/Update Current CUA Environment

#### ☐ SAP Security Request Form

Create and Design a Security Request Form

#### Offerings:

- Create Security Request Form
- Maintain/Modify/Update Existing Security Request Form

#### ☐ SAPGUI Rollout Strategy

 Design, Develop and Document SAPGUI Rollout and Delivery Strategy Offerings:

- Design and Document Rollout Strategy and Delivery Method
- Review/Audit Current SAPGUI Rollout and Delivery Strategy

#### ☐ Patch SAPGUI

Design, Implement and Document SAPGUI Patch Process



#### Offerings:

- Design/Implement/Document SAPGUI Patch Process
- Review/Audit/Update Current SAPGUI Patch Process

#### ☐ Troubleshoot Frontend SAPGUI Issues

- Review, Analyze and Troubleshoot Frontend SAPGUI Issues Offerings:
  - Troubleshoot Frontend SAPGUI Issues
  - Review/Analyze/Update SAPGUI ini files
  - Review/Analyze/Update SAPGUI hosts/services entries
  - Trace Frontend SAPGUI Issues

#### ☐ SAP ALE Administration

- Setup, Configure, Troubleshoot and Document ALE interface Offerings:
  - Setup/Configure/Troubleshoot an ALE interface
  - Maintain/Modify/Update an ALE interface
  - Optimize/Tune an ALE interface issues

#### ☐ SAP IDOC Administration

- Monitor, Troubleshoot, Optimize, Tune IDOC Issues Offerings:
  - Monitor/Troubleshoot/Resolve IDOC issues
  - Optimize and Tune IDOC processing

#### ☐ SAP IDOC Interface

Create, Maintain, Optimize, Troubleshoot qRFC Queues Offerings:

- Create/Configure/Troubleshoot qRFC Inbound/Outbound Queues
- Maintain/Modify/Update qRFC Inbound/Outbound Queues
- Optimize and Tune qRFC processing
- Monitor/Maintain/Troubleshoot tRFC Issues

#### ☐ SAP Interfaces

Create, Maintain, Optimize, Troubleshoot an SAP Interface Offerings:

- Audit/Review Interface Issues
- Create new Interface Specification
- Create/Configure/Troubleshoot Shell scripts for interface
- Optimize/Tune/Troubleshoot Interface issues

#### ☐ SAP RFC Interface

Setup, Configure, Optimize, Troubleshoot RFC Issues Offerings:

- Setup/Configure/Troubleshoot an RFC interface
- Maintain/Modify/Update an RFC interface



Troubleshoot/Resolve RFC interface

#### ☐ SAP Archiving

Setup, Configure, Maintain, Optimize, Troubleshoot Archiving Issues

#### Offerings:

- \* Setup/Configure Archiving object
- Maintain/Modify/Update Archiving objects
- Troubleshoot/Resolve Archiving Issues
- Identify and Document Table Reorgs and Runstats per Archive Job
- Review/Audit Archiving Strategy
- Create and Document Archiving Strategy

#### ☐ ABAP Programming (Reports/Transactions/BAdI/Userexits)

Design, Develop, Implement and Document an ABAP program

#### Offerings:

- Develop a Custom ABAP report
- Develop a Userexit or BAdI
- Develop a Custom on-line Dialog program
- **Develop a Custom Transaction**
- Develop a Custom BI report
- Develop customize BI Extractors
- \*\* Design a program specification
- \*\* Develop a SAPScript Form
- **Develop Adobe PDF Forms**
- Create LSMW program( Conversions/Legacy workbench )
- Create Custom load programs (go-live/cut-over)
- Assist/Consult/Troubleshoot Existing Developer Coding Issue with Custom ABAP
- Assist/Consult/Troubleshoot Basis related Coding Issues
- Review/Optimize Existing Developer Performance Issue with Custom ABAP
- Review/Optimize Basis related Performance Issues

#### ☐ ABAP Performance Tuning (Reports/Transactions/BAdI/Userexits)

Optimize and Tune a poorly running ABAP program

#### Offerings:

- Assist/Consult/Troubleshoot Existing Developer Coding Issue with Custom ABAP
- Assist/Consult/Troubleshoot Basis related Coding Issues
- Review/Optimize Existing Developer Performance Issue with Custom ABAP
- Review/Optimize Basis related Performance Issues

#### ☐ Administer SAP Printers

Create, Modify, Troubleshoot SAP Printers

#### Offerings:

#### ☐ SAP Printer Strategy

Design, Create, Develop, Implement SAP Printing Strategy



#### Offerings:

#### ☐ SAP Printer Documents

■ Design/Develop/Document Printer Administration Documents

#### Offerings:

- Design/Develop Printer Request Form
- Maintain/Modify/Update Printer Request Form
- Design/Develop Printer Support Matrix
- Maintain/Modify/Update Printer Support Matrix

#### ☐ TemSe Administration

Maintain,Optimize,Troubleshoot TemSe Issues

#### Offerings:

Maintain/Optimize/Troubleshoot TemSe Issues

#### ☐ Saprouter

Setup, Configure and Document Saprouter

#### Offerings:

- Review/Audit Saprouter/Saprouttab Configuration
- Setup/Configure Saprouter
- Maintain/Modify/Update Saprouter
- Troubleshoot Saprouter Issues
- Setup/Configure Secondary Saprouter

#### □ ABAP Queries

Analyze, Troubleshoot and Optimize ABAP Queries

#### Offerings:

- Create, Desing, Develop an ABAP Query
- Optimize/Tune an ABAP Query
- Administer ABAP Query Groups and Infosets

#### ☐ Install SAP Online Documentation

Install and Configure a Local Copy of the SAP Documentation

#### Offerings:

- Setup/Configure Local Installation of SAP Online Documentation
- Maintain/Modify/Update Local Installation of SAP Online Documentation
- Troubleshoot Local Installation of SAP Online Documentation

#### ☐ Configure SAP Online Documentation

Configure the Remotely Accessed SAP Online Documentation

#### Offerings:

- Setup/Configure Remote SAP Online Documentation
- Maintain/Modify/Update Configuration to Remote SAP Online Documentation
- Troubleshoot Configuration to Remote SAP Online Documentation

#### ☐ Background Job Administration

Create, Modify, Schedule, Troubleshoot Background Jobs



#### Offerings:

- Create/Modify/Delete background jobs
- Schedule/Release Background Jobs
- Troubleshoot Background Job Issues
- Maintain/Modify/Update Background Job Schedule

#### ☐ Background Job Schedule/Matrix

- Create, Modify, Troubleshoot Background Job Schedule/Matrix Offerings:
  - Create/Design Detailed Background Job Schedule/Matrix
  - Maintain/Modify/Update Background Job Schedule/Matrix

#### ☐ Background Job Request Form

- Create, Modify, Troubleshoot Background Job Request Form Offerings:
  - Create/Design Background Job Request Form
  - Maintain/Modify/Update Background Job Request Form

#### ■ Batch Input Sessions

Analyze and Troubleshoot Batch Input Sessions

#### Offerings:

- Monitor/Administer Batch Input Sessions
- Troubleshoot/Resolve Batch Input Session Issues

#### **□** SAPConnect

■ Setup/Configure/Document SAPConnect Interface

#### Offerings:

- Create new SAPConnect interface (FAX / SMTP)
- Maintain/Modify/Update SAPConnect interfaces (FAX / SMTP)
- Troubleshoot SAPConnect issues

#### ☐ SAP Basis SLA's

Define Basis SLA's

#### Offerings:

- Review/Audit current SLA's
- Create and Document new SLA's
- Review/Audit Escalation procedures
- Define and Document Escalation Procedures

#### ☐ Optimize/Tune SAP Number Ranges

Optimize and Tune SAP Number Ranges for Performance Offerings:

- Review, Analyze and Document Number Ranges Optimizations
- Review, Analyze and Document Number Range Performance Problems
- Maintain/Modify/Update Number Range Buffering Objects/Type
- ☐ Optimize/Tune/Troubleshoot SAP Extractors for BW



	Optimize and Tune SAP Extractors for BW ( ERP System )			
	Offerings:			
_	• Optimize and Tune SAP Extractors for BW ( ERP System )			
	SAP Netweaver Development Infrastructure ( NWDI )  Design,Configure and Document NWDI			
	Setup/Configure NWDI - New Configuration			
	<ul> <li>Modify/Update NWDI - Existing Configuration</li> </ul>			
	Change Pointers			
	<ul> <li>Analyze, Cleanup, Optimize and Document Change Pointer Issues</li> </ul>			
	Offerings:			
	Analyze/Cleanup/Optimize/Document Change Pointer Issues			
	Enhancement Packages			
	<ul> <li>Installation and documentation of SAP Enhancement Packages ( EhP )</li> </ul>			
	Offerings:			
	Install Enhancement Packages to a single non-production system			
	Install Enhancement Packages to Production system only			
	Database Server Software Installation			
	■ Install Database Server Software			
	Offerings:			
	Install Database Server Software			
	Database Client Software Installation			
	■ Install Database Client Software			
	Offerings:			
	Install Database Client Software			
	Patch Database Software			
	■ Patch the Database Server Software			
	Offerings:			
	Patch the Database Server Software			
	Upgrade the Database Software			
	Upgrade and Document the Database Server Software			
	Offerings:			
	Upgrade the Database Server Software			
	Performance/Tune the Database Server			
	Optimize and Tune the Database Server			
	Offerings:			
	<ul> <li>Performance/Tuning Database Manager/Instance Parameters and Registry Variables</li> </ul>			
	Database Backups			
_	Backup and Verify the Database			



#### Offerings:

- Backup and Verify the Database
- Optimize/Tune Database Backups

#### ■ Database Backup Strategy

Design and Document the Database Backup Strategy

#### Offerings:

- Design/Implement/Document New Backup strategy
- Maintain/Modify/Update Current Backup strategy

#### □ Database Restores

Restore and Verify the Database

#### Offerings:

- Restore a Database New Target System ( New Hardware/DASD )
- Restore a Databases Existing Target System (Existing Hardware/DASD)
- Optimize/Tune Database Restores

#### □ Disaster Recovery Database Restore Strategy

Design and Document the Database Disaster Recovery Procedure

#### Offerings:

- Design/Implement/Document Restore / DR strategy
- Maintain/Modify/Update Current Restore / DR strategy

#### ☐ Table Maintenance

Create, Modify, Update, Delete Database Tables

#### Offerings:

- Design and Create Custom Tables
- Maintain/Modify/Update Custom Tables
- Review/Audit Custom tables

#### ☐ Index Maintenance

Create, Modify, Update, Delete Database Indexes

#### Offerings:

- Analyze Access Plan and Recommend Secondary Indexes
- Design and Create Secondary Indexes
- Maintain/Modify/Update Secondary Indexes

#### ☐ Export/Import Data from Tables

Export and Import data from Tables

#### Offerings:

Import / Export data from tables

#### ☐ Reorg and Runstat Strategy

Design and Document Table Reorg and Runstat Strategy

#### Offerings:

- Design/Implement/Document New Reorg and Runstats strategy
- Maintain/Modify/Update Current Reorg and Runstats strategy



	Database Design and Layout		
	Des	ign,Optimize,Document the Database Layout	
	Offering	s:	
	*	Design/Test/Implement/Document New Database Layout	
	*	Maintain/Modify/Update Existing Database layout	
	Databas	e Capacity Planning	
	Ana	lyze and Forecast Capacity Based on Database Growth	
	Offering	s:	
	*	Analyze/Forecast Capacity ( Database Growth )	
	Optimiz	e/Tune Expensive SQL Statements	
	■ Opt	imize and Tune Expensive SQL Statements	
	Offering	s:	
	*	Design/Tune/Optimize SQL queries	
	Move Ta	ables to New Tablespaces	
	■ Mov	ve Large Tables to New Tablespaces	
	Offering	s:	
	*	Design/Implement/Document Move a Table to New Tablespace	
	*	Maintain/Modify/Update Moving a Table to New Tablespace	
	Convert Pool Table to Transparent Table		
	Convert an SAP Pool Table to an SAP Transparent Table		
	Offering	s:	
	*	Convert SAP Pool Table to Transparent Table	
	Reorg and Runstat Tables		
	Reo	rganize Tables and Update the Statistics for the Optimizer	
	Offering		
	*	Reorg and Runstat Tables	
	Locking		
	Analyze/Resolve/Document Database Locking Issues		
	Offering		
	*	Identify/Resolve locking issues ( deadlock, lock timeout )	
		Utilities	
	•	gn/Implement/Document Custom Utility Scripts	
	Offering		
	*	Design/Implement/Document Custom Utility Scripts	
	*	Maintain/Modify/Update Existing Custom Utility Scripts	
		e Monitoring	
		nitor the Database	
	Offering	S:	

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Monitor the Database Server