

SAP TECHNICAL TEST COORDINATOR

DEFINITION

Coordinates quality assurance aspects of various SAP applications and performs complex testing and programming using HP Load Runner, HP Quality Center (HP ALM), HP Unified Functional Testing (HP UFT), and SAP CBTA, SAP BPCA, SAP SEA.

TYPICAL DUTIES

Coordinates, plans, organizes, and directs SAP testing deliverables including testing plans, stress test plans, integration testing plans, and regression testing plans.

Designs and develops SAP functional test scripts automation/ performance test scripts using software such as SAP CBTA, HP UFT and HP Load Runner for all monthly, quarterly, upgrade and enhancement pack release cycle testing.

Runs Impact Analysis Reports (SAP BPCA reports) for monthly release cycles/support pack upgrades.

Runs Scope and Effort Analyzer Reports before any support pack upgrades.

Develops SAP testing standards to be utilized with all SAP modules.

Designs the testing architecture for automation using SAP Solution Manager, HP ALM, and HP UFT.

Develops, maintains, and modifies custom programs in HP ALM.

Provides estimates and schedules to achieve work prescribed in test plans and identifies tasks and resources needed.

Coordinates with SAP project team members to develop ongoing metrics for measuring test execution, regression testing, performance testing, and defect rates.

Assists functional team members on release management activities such as import transports from Development to QA to Production.

Identifies security requirements for HP ALM and acts as security administrator.

Provides defects summary reports to management for all projects.

Maintains HP ALM and Solution Manager Tools like BPCA, CBTA and SEA.

Reviews and reports on the quality of the development and maintenance of programs and systems including programming, documentation, and process quality.

Develops reports and statistics for reporting on quality assurance standards and adherence by departments.

Participates, from a testing perspective, in the development of all aspects of SAP system standards including ABAP and Java programming, business data warehouse report, and security.

Identifies and plans training opportunities to improve team quality assurance competency.

Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

An SAP Technical Test Coordinator coordinates testing of all SAP modules for the purpose of quality assurance.

An SAP/ERP Manager plans, defines, and develops SAP systems strategies and standards, and coordinates, manages, and reviews the work of assigned SAP production support and project teams engaged in analyzing and defining assigned SAP system functions and business processes and user needs.

An Associate Computer Applications Specialist (SAP) performs less difficult and less complex work in formulating concepts for, developing, and supporting the implementation and upgrade of the District's SAP modules.

SUPERVISION

General direction and technical supervision is received from a SAP/ERP Manager or other higher level administrator. Supervision may be exercised over lower level personnel.

CLASS QUALIFICATIONS

Knowledge of:

SAP Solution Manager tools like BPCA(Business Process Change Analyzer),CBTA(Component Based Test Automation) and SEA(Scope and Effort Analyzer)
Quality Assurance methodology, metrics, process, tools, documents and implementations
SAP transactions and business process, integration and impact across SAP modules.
Principles of HP ALM administration for SAP applications including security, programming, and operating system
Writing End-to-End, Integration tests using HP ALM and UFT
Functional test scripts automation knowledge for SAP ERP, Portal, Web applications using Visual Basic programming or using CBTA and HP UFT
HP Load Runner test scripts knowledge for SAP ERP ,Portal and Web applications
SAP Solution Manager and integration points with HP ALM to evaluate and improve testing
Quality assurance performance measurement systems and metrics
Principles of program documentation and methodology
Principles of team building and training

Ability to:

Perform Release Management activities like planning, preparation and implementation
(Importing transports from DEV to QA to Production environments)
Configure SAP Solution Manager tools like BPCA, CBTA, SEA and Test Profiles
Install HP Load Runner and Quality Center newer versions on existing/new operating systems
Set up and design HP Quality Center including security roles and use of appropriate security concepts
Develop testing strategies and best practices to internal/external stakeholders
Design, develop, modify and maintain HP UFT test scripts using Visual Basic
Develop/Execute MS SQL queries in HP ALM
Develop/Maintain manual test cases in HP ALM
Perform CI/CD (Continuous Integration and Continuous Deployment)
Perform VuGen Scripts (HP Load Runner) on controller using multiple Load Generators for 500/1000 users
Design and develop test scripts using HP ALM automation and manual methods
Integrate HP UFT scripts with HP ALM Test Plan manual test scripts
Express difficult and complex concepts clearly and concisely both orally and in writing
Write clear complete comprehensive reports, documentation, instructions, and training materials.
Anticipate conditions, plan ahead, establish priorities, and meet project schedules
Listen and communicate effectively with team members
Provide training and support to functional users to execute script

ENTRANCE QUALIFICATIONS

Education:

Graduation from a recognized college or university, preferably with a bachelor's degree in computer science or a related field.

Experience:

Four years of experience in automating testing using HP UFT and HP LoadRunner. Two years of the required experience must be in testing SAP applications using HP ALM, in at least two of the following areas: payroll, budget, finance, HR, procurement, business warehouse, or job cost. Two years of the required experience must have included conducting impact analysis reports using SAP BPCA (Business Process Change Analyzer), SEA (Scope and Effort Analyzer), or CBTA (component based test automation) tools in SAP Solution Manager. Experience may be concurrent.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Entrance requirements are representative of the minimum level of knowledge, skill, and /or abilities. To the extent permitted by law, management retains the discretion to add or change typical duties of a position at any time, as long as such addition or change is reasonably related to existing duties.

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JAP