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Course Data Sheet

SLK120-19 – Silk Central Advanced Digital Learning

Course No.: SLK 120	Category: Software Development Lifecycle Management
For software versions: Silk Central 19	Course length: Approximately 7 hours
Delivery format: Self-paced, online eLearning	
To order visit: Software Education	

Course Description

This course provides students with the skills needed to effectively use the Silk Central software product. This course focuses on teaching the concepts and technologies in Silk Central and the tasks performed by end users. This course covers the following areas: Basic administration, Project Management and Configuration, use attributes and filters, explore data driven, keyword driven tests as well as configuration testing.

Audience/Job Roles

This course is intended for the Administrators and System Administrators who will configure and use Silk Central.

Course Objectives

Upon successful completion of this course, you should be able to:

- Provide an overview on Silk Central Administration
- Configure and manage Silk Central Projects
- Understand and configure security and access options
- Understand and implement Attributes and Filters
- Understand the types of integrations available in Silk Central and use examples

- Understand and use the various reports available
- Perform basic system administration and advanced configuration

Prerequisites/Recommended Skills

To be successful in this course, you should have general experience using PC applications and have a basic knowledge of software test administration and planning concepts.

Learning Path

Silk Central is an open platform which facilitates collaboration and establishes traceability through integration of requirements, automation, source code control, and defect tracking tools.

SLK110-19	SLK120-19	SLK430

Related Courses

- SLK 110 – Silk Central Essentials
- SLK 120 – Silk Central Advanced
- SLK 430 – Silk Test Workbench Essentials

Course Topics

Modules	Objectives

Module 1: System Administration and configuration
 	
This module provides an insight into installation, architecture, administration and licensing.
	▪ Introduction
	▪ Objectives
	▪ Silk Central Architecture
	▪ Server requirements
	▪ Client requirements
	▪ Silk Central Architecture Overview
	▪ Silk Server Instances
	▪ The three of Types of Administration
	    o Silk Server Instances
	    o Instance Administration
	▪ System Administration Unit
	    o Database Configuration
	    o Client management
	    o Client permissions
	    o Chart Server configuration
	    o Configure a Chart Server*
	    o Email server configuration
	    o Change Notifications
	    o Configure an Email Server*
	    o System Proxy
	    o System Logs
	    o System Diagnostics
	    o Generate a System Diagnostic report*
	▪ Silk Central Licensing
	    o License Key Types
	▪ Summary
	▪ Assessment

Module 2: Access Management
 	
This module covers the Administration Unit, plus security and access, as well as Issue Manager and Execution Servers.
	▪ Introduction
	▪ Objectives
	▪ Administration Unit and User Access
	▪ Groups
	    o Adding groups
	    o Add a group*
	▪ Accounts
	    o Adding Accounts
	    o Add a user*
	▪ Projects
	▪ Roles
	    o Adding Roles
	    o Adding User Roles*
	    o Understanding User Management
	▪ Issue Manager
	▪ Inboxes
	▪ Execution Servers
	    o Creating an Execution Server
	    o Execution Server Logs
	▪ LDAP Authentication

	o LDAP Authentication Modes ▪ Summary ▪ Assessment

Module 3: Project Setup and configuration
 	
This module focuses on Project level administration, including baselines and Issue Manager configuration.
	▪ Introduction
	▪ Objectives
	▪ Projects
	     o The Projects Unit
	     o Create a new Project
	     o Create a Project*
	     o Updating Projects
	     o Deleting Projects
	     o Copy Projects
	     o Copy Project*
	     o Project Settings Tab
	     o Project Settings & Administration Activities
	     o Exporting and Importing Projects
	▪ Project Baselines
	     o Create Baseline*
	     o Baseline Comparison Report
	     o Perform baseline and project comparison*
	▪ Filters & Attributes Tab
	     o Custom Attributes
	     o Create Custom Attributes*
	     o Creating Filters
	     o Filter Categories
	     o Applying a Filter
	     o Create a Global Filter*
	▪ Shared Assets
	     o Maintaining Shared Test Versions
	▪ Issue Manager Setup
	     o Issue Workflow configuration
	     o Modify an existing workflow*
	▪ Summary
	▪ Assessment

Module 4: Third party tool integrations
 	
This module will look at various third party integrations and include worked examples.
	▪ Introduction
	▪ Objectives
	▪ Types of Integrations
	▪ Configure Third Party Integrations
	▪ Requirements Integration
	     o Requirements Integration using JIRA
	     o Requirement Property Mapping
	▪ Source Code Control Integration
	     o Source Code Control Profiles
	     o Source Code Control using Silk Test Workbench
	     o Integrate Silk Central with Git*
	▪ Issue Tracking integrations
	     o Issue Integration using JIRA
	▪ CI Integration
	     o Jenkins CI Integration
	     o Invoking an Execution from Jenkins
	     o Install and Configure Jenkins Plugin*
	     o Create a Jenkins and execute it from Silk Central*

	▪ Summary ▪ Assessment

Module 5: Custom Reporting
 	
This module will examine the various reporting options available as well as look at schedules, subscriptions and the Dashboard Panel.
	▪ Introduction
	▪ Objectives
	▪ Global report management
	▪ Report Templates
	    o Main Report Management Functions
	    o Download and view a report template*
	    o Modify and upload an existing template*
	▪ Report Creation
	    o Create a new report*
	    o Create a custom SQL report*
	    o Execution scheduling
	▪ Report Subscriptions
	    o Create a New Schedule*
	    o Add a report subscription*
	▪ Add a Report to a Dashboard Panel*
	▪ Summary
	▪ Assessment

(*) Indicates a simulation