Silk Central 21.1

Release Notes

2022-01-27

Contents

Silk Central 21.1 Release Notes

Version 21.1

These notes contain important information that might not appear in the Help. Read the notes in their entirety.

For information about installation, deployment, and licensing issues, refer to the *Silk Central Installation Help*.

Visit *Customer Care* for further assistance.

What's New in Silk Central 21.1

Silk Central 21.1 introduces significant enhancements and changes.

Administration

Permissions

Manage project settings permission is required now for editing the custom panel information, instead of **Manage Project** permission. Additionally, **Change finished component status** permission was added in **Execution** category for changing finished components status.

Filtering

Status Reason & Run Comment

Tests can be filtered by the **Status Reason** or the **Run Comment** of their last execution. Requirements can be filtered by the Status Reason or the Run Comment of their assigned tests. These filtering criteria can be used also when creating reports.

NOT logic in filters

When creating or editing a filter or a report, there is a **NOT** checkbox which can be used to negate the logic of the filter. This will be applied to the properties operators and to the AND/OR logic. The checkbox will also negate the logic of the nested filters.

Tests and Execution Planning

Business Process Tests

Statuses of finished components tests can be edited in the **Finished components** dialog. Also, components assignment updates can be now synchronized as well.

Tests and Execution Plans Attributes

Attributes page grid contains two new columns which indicates if an attribute is used in tests or execution plans.

Excel

The full path from Silk Central is displayed in the **FullPath** column when exporting tests to Excel. The path is also displayed in the **Tests Document View** in the **Path** column.

Tests Grid View

Tests Grid View can display new properties: Status Reason, Run Comment. Other than that, the workflow state of tests can be now edited from the Tests grid view.

Show only issues in current run

In the **Manual Test results view** can be displayed only issues which are in the current run by checking the **Show issues in current run** checkbox.

Reports

Global Search

The global search allows the user to perform a search on the reports and their description now. The search results include also reports from **Issue Manager**.

Issue Manager

Custom Fields

Custom required fields are displayed in the newly created section on issue details, in order to be highlighted, so the customer can be aware of them. Also, a maximum of 100 custom fields can be configured instead of 40.

Issue Notifications

New users are now notified by default if an issue in their inbox is modified or reassigned and when an issue is assigned to them.

Issue Tracking Profiles

Issue Tracking Profiles grid has a new column from which an issue tracking profile can be activated or deactivated. Inactive profiles can no longer be selected when creating a new issue.

Other Enhancements

Nginx

Silk Central is currently running NGINX 1.16.1.

NUnit3

Silk Central now supports NUnit 3 testing.

AWS

Virtual execution servers can be now deployed in **AWS** using a **VPC,** other than the default one.

System Requirements and Prerequisites

For optimal performance of Silk Central, we recommend the configuration outlined in this section.

Server System Requirements

System Area	Requirement
CPU	2 cores, Intel Core i5 or better
Memory	8 GB minimum
Free disc space	30 GB minimum, except for the database server
Network	100 Mbit
Operating system, database management system, Web server	See *Tested and Supported Software*.
Power Supply	Uninterruptible power supply (UPS) for all environments to reduce risks of power outages

For each additional instance, at least 10 GB of additional disk space are required, and the following initial minimal memory:

• Front-end server: 768 MB
• Application server: 640 MB
• Chart server: 200 MB

Depending on your workload, these values may need to be higher.

For more information on the ideal configuration of Silk Central, contact technical support or your technical account team.

Execution Server Requirements

The actual requirements and prerequisites for execution servers depend on the application under test (AUT) and the type of testing.

For load testing, refer to the environment requirements of Silk Performer. Running load tests with the minimal configuration can result in inaccurate results.

For functional testing, refer to the environment requirements of Silk Test. We recommend a minimum of 2048 MB main memory for intensive testing, such as Web browser replay.

The Linux execution server requires the latest version of Java Runtime Environment 1.8.

Proxy Server Requirements

If you plan to use Microsoft IIS for Silk Central, install the following IIS extensions before you install Silk Central:

• Application Request Routing (ARR)
• URL Rewrite

You can download the latest versions of these extensions on the *IIS Downloads* page.

Virtualization

Silk Central is tested to run on the virtual infrastructure environment VMware vSphere server.

Client-Side System Requirements

System Area	Requirement
Processor	Intel Core i3 or better
Memory	2 GB
Web browser	• Google Chrome • Internet Explorer 11 or later (no compatibility mode) • Mozilla Firefox • Microsoft Edge

The manual testing UI requires the latest version of Java Runtime Environment 1.8. For manual testing with Internet Explorer 11, a 32-bit version of Java is required to be installed on the client.

Resolved Issues and Customer-Driven Enhancements

The following issues have been fixed and the following enhancement requests have been implemented:

SI #	Octane #	Description
00619841	248004	Errors while deleting test suite executions and synchronising data sources / database errors
00487256	243002	Error to export some characters
00421123	237009	Wrong build and version in tests added to an ongoing Execution Plan
3214396	235709	Execution Server claims "Invalid Label for git version management: develop"
00371427	232796	Issue after upgrading to SC 21.0 "Silk Central is currently not available."
00364536	232808	JIRA RSA Integration profile creation error
00478637	246002	Unable to raise defect in Jira using Silk Central
00367585	236001	Issues with Build Number when calling Silk via Jenkins Gradle script--
00444283	239004	If you finish any component in a BTP with "not executed" and finish the test, the complete test run of the BPT is deleted.

Contacting Micro Focus

Micro Focus is committed to providing world-class technical support and consulting services. Micro Focus provides worldwide support, delivering timely, reliable service to ensure every customer's business success.

All customers who are under a maintenance and support contract, as well as prospective customers who are evaluating products, are eligible for customer support. Our highly trained staff respond to your requests as quickly and professionally as possible.

Visit *http://supportline.microfocus.com/assistedservices.asp* to communicate directly with Micro Focus Customer Support to resolve your issues, or email supportline@microfocus.com.

Visit Micro Focus Customer Support at *http://supportline.microfocus.com* for up-to-date support news and access to other support information. First time users may be required to register to the site.

Information Needed by Micro Focus Customer Support

When contacting Micro Focus Customer Support, please include the following information if possible. The more information you can give, the better Micro Focus Customer Support can help you.

- The name and version number of all products that you think might be causing an issue.
- Your computer make and model.
- System information such as operating system name and version, processors, and memory details.
- Any detailed description of the issue, including steps to reproduce the issue.
- Exact wording of any error messages involved.
- Your serial number.

To find out these numbers, look in the subject line and body of your Electronic Product Delivery Notice email that you received from Micro Focus.

Tested and Supported Software

This section lists the software with which Silk Central 21.1 has been tested as well as the software that Silk Central supports.

Operating System Support

- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- Microsoft Windows 8.1 32-bit/64-bit (execution server)
- Microsoft Windows 10 32-bit/64-bit (execution server)
- Android 5.x, 6.x, 7.x, 8.x, 9.x, 10.x (mobile device testing)
- iOS 10.x, 11.x, 12.x, 13.x (mobile device testing)

⚠️ **Important:** *Update for Universal C Runtime in Windows* is required for all Microsoft Windows operating systems. For Microsoft Windows Server 2016 or later, the installation option **Windows Server (Server with Desktop Experience)** is required.

Linux Operating System Support

Silk Central supports Linux operating systems only for the execution server.

- Debian
- Red Hat Enterprise Linux
- SUSE Linux
- Ubuntu

Web Browser Support

- Google Chrome
- Internet Explorer 11 or later (no compatibility mode)
- Mozilla Firefox
- Microsoft Edge

Web Server Support

- IIS 8 32 bit/64 bit
- IIS 10 32 bit/64 bit

Database Management System Support

- Microsoft SQL Server 2016 Service Pack 2
- Microsoft SQL Server 2017
- Microsoft SQL Server 2019
- Oracle 19c (version 19.3.0.0). Oracle RAC is not supported.

Integrated Micro Focus Software Support

- AccuRev 7.5
- LoadRunner Professional 2020
- Silk Performer 21.0
- Silk Test 21.0

- StarTeam 15.x, 16.x, 17.x
- UFT Developer 15.0
- UFT Mobile 2.51 or later
- UFT One 15.0

Integrated Third-Party Software Support

- Apache Commons Virtual File System (VFS)
- Atlassian Jira Software 8
- Atlassian Jira Software Cloud
- Bugzilla 5.0.4
- Git 2.20.1
- IBM Rational DOORS 9.5, 9.6
- IBM Rational DOORS Next Generation 6.0
- JUnit 4.x, 5.x
- The latest version of Java Runtime Environment 1.8
- Microsoft Office Excel (.xlsx) for importing tests and requirements
- Microsoft Office Word (.doc, .docx) for importing requirements
- Microsoft Visual Studio/Visual Studio Test Agent 2015
- NUnit 2.6.4, NUnit 3.x, NUnit Console and Engine 3.8
- Subversion 1.9

End of Support

The following features are no longer supported in Silk Central 21.1:

Operation system support

- Microsoft Windows Server 2012 R2

Database management system support

- Microsoft SQL Server 2014 Service Pack 3
- Oracle 11g
- Oracle 12c

Requirement management system integrations

- Caliber
- Atlassian Jira Software 7
- VersionOne Enterprise Edition
- CA Agile Central

Issue tracking system integrations

- Atlassian Jira Software 7
- Bugzilla 4.4.13
- IBM Rational ClearQuest
- Team Foundation Server 2015
- Team Foundation Server 2017

Source control system integrations

- Team Foundation Server 2015
- Team Foundation Server 2017
- Silk TestPartner 6.3

Cloud integrations

- VMware vCloud

SAP Solution Manager

- SAP Solution Manager 7.2

Mobile device provider integrations

- Sauce Labs

Planned End of Support

This section lists the features that will no longer be supported in a future release of Silk Central.

IBM Rational DOORS

In a future release, support for IBM Rational DOORS will be discontinued. Instead, Silk Central now supports IBM Rational DOORS Next Generation.

Microsoft Office import integrations

Support for the following Microsoft Office import integrations will be discontinued in a future version:

• Microsoft Office Word (.doc)

Web Services

The web services listed under the following links will be discontinued in a future Silk Central release:

• https://<hostname>/services
• https://<hostname>/Services1.0/services

The new services are listed under:

• https://<hostname>/Services1.0/jaxws

Operating System Support

• Android 5.x, 6.x, 7.x (mobile device testing)
• iOS 10.x, 11.x (mobile device testing)

Database Management System Support

• Microsoft SQL Server 2014 Service Pack 3
• Microsoft SQL Server 2016 Service Pack 2

Integrated Micro Focus Software Support

• Silk TestPartner 6.3
• StarTeam 15.x, 16.x, 17.x

Integrated Third-Party Software Support

• Bugzilla 4.4.13,
• IBM Rational DOORS 9.5
• NUnit 2.6.4