



# Silk Central 20.5

Release Notes

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# Silk Central 20.5 Release Notes

## Version 20.5

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 20.5

Silk Central 20.5 introduces significant enhancements and changes.

## Administration

### **Customer feedback**

With Silk Central 20.5 the *Silk Central Improvement Program*, which helps to improve your test management experience, also covers report usage. The program helps to gather information about the frequency of report and technology usage.

### **Self-registering execution server enhancements**

Silk Central provides enhanced support for the registration of execution servers through the command line. The command line now also supports a parameter for timeout. After timeout, an email is sent to the administrator noting that the execution server is not responsive.

### **Execution plan runs API**

The launch call now features an optional parameter that allows to start execution plans even if no matching execution server is available. This can be used to start an execution plan immediately and to have Silk Central wait for an execution server to become available later.

### **Super User indicator**

Silk Central now provides an indicator showing that a user has the *Super User* role in at least one group. The *Super User* role overrules all other assignments.

## Requirements

### **Export requirements**

In the document view, you can now download the requirements as XLSX file. The generated Excel sheet contains all rows that are currently visible in the document view.

### **Mandatory custom properties**

Custom requirement properties can be declared as mandatory. When creating a requirement, setting a value for these properties is required.

## Tests

### **Test Asset Workflows**

Silk Central 20.5 introduces the test asset workflow concept, which allows you to map the processes in a corporate environment. A workflow defines which states and transitions can be performed on a manual test, which can be leveraged to ensure that only approved tests are selected for execution.

### **Mandatory Attributes**

Test attributes can now be declared as mandatory. When creating a test, setting a value for these attributes is required.

### **Global List Attributes**

The new attribute type Global List is introduced with Silk Central 20.5. The values of Global List attributes are backed by a list of values.

## **Execution Planning**

### **Global List Attributes**

The new attribute type Global List is introduced with Silk Central 20.5. The values of Global List attributes are backed by a list of values.

## **Issue Manager**

### **Linked Fields**

Lists of values can now be grouped. In Issue Manager, this can be used to define depending fields, where the available values of one list depend on the selection in the other list.

## **Executions**

### **Source Control Labels**

The run results now contain information about the source control label that was used during the execution of an automated test.

## **Quality Center Migration**

### **Quality Center Migration Enhancements**

Silk Central 20.5 offers enhanced support for migrating from Quality Center to Silk Central. Among other improvements, attachments can now be moved automatically to Silk Central and images in descriptions are supported for tests, steps, requirements, and issues.

# 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 <a href="#">Tested and Supported Software</a> .
Power Supply	Uninterruptible power supply (UPS) for all environments to reduce risks of power outages

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

- Front-end server: 500 MB
- Application server: 300 MB
- Chart server: 200 MB

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

For more information on the optimal 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	<ul style="list-style-type: none"><li>• Google Chrome</li><li>• Internet Explorer 11 or later (no compatibility mode)</li><li>• Mozilla Firefox</li><li>• Microsoft Edge</li></ul>

The manual testing UI requires the latest version of Java Runtime Environment 1.8. For manual testing with Internet Explorer 11, a 32bit 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 #	RPI #	Description
	641201	Parameter values are overwritten when changing the chart type.
	641024	The <b>Add Sub Report</b> dialog freezes.
3191561	1117018	When displaying the attachments of an issue, the scrollbar is missing.
3196545	1117540	When creating requirements, the braces in the pattern do not match.
3199848	1117704	Custom reports fail on Oracle (ORA-01013).
3200244	1117733	Recurring performance problems. Improvements to auto-grow thread pools on application server and reduced thread consumption of inaccessible execution servers.
3200604	1117965	Reports do not work due to illegal characters in XML.
3202524	1117947	The links to test results are broken for non-default instances.
3202915	1118004	The LQM table is not updated due to a blocked database connection.
3204045	1118082	The report <b>All Requirements</b> fails on Oracle (ORA-01790).

# 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 SupportLine to resolve your issues, or email supportline@microfocus.com.

Visit Micro Focus SupportLine 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 SupportLine

When contacting Micro Focus SupportLine, please include the following information if possible. The more information you can give, the better Micro Focus SupportLine 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 20.5 has been tested as well as the software that Silk Central supports.

## Operating System Support

- Microsoft Windows Server 2012
- Microsoft Windows Server 2012 R2
- 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 2014 Service Pack 3
- Microsoft SQL Server 2016 Service Pack 2
- Microsoft SQL Server 2017
- Oracle 11g (version 11.2.0.4). Oracle RAC is not supported.
- Oracle 12c (version 12.2.0.1). Oracle RAC is not supported.

## Integrated Micro Focus Software Support

- AccuRev 7.2

- Caliber 11.4, 11.5
- Mobile Center 2.51 or later
- Silk Performer 20.5
- Silk Test 20.5
- StarTeam 15.x, 16.x, 17.0
- Silk TestPartner 6.3
- Unified Functional Testing (UFT) 14.0

### **Integrated Third-Party Software Support**

- Apache Commons Virtual File System (VFS)
- Atlassian JIRA 6, 7, 8 (versions 6 and 7 are supported but not tested)
- Atlassian JIRA Agile 6, 7, 8 (versions 6 and 7 are supported but not tested)
- Bugzilla 4.4.13, 5.0.4
- CA Agile Central
- Git 2.20.1
- IBM Rational ClearQuest 8.0
- 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 Console and Engine 3.8
- SAP Solution Manager 7.2
- Subversion 1.9
- Team Foundation Server 2015, 2017
- VersionOne Enterprise Edition
- VMware vCloud Director 5.5

# End of Support

This topic lists the features that are no longer supported in Silk Central 20.5.

## **Operating system support**

Microsoft Windows 7 is no longer supported in Silk Central 20.5.

# 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.

## **Operation system support**

Support for the following operating systems will be discontinued in a future version:

- Microsoft Windows Server 2012
- Microsoft Windows Server 2012 R2

## **Database management system support**

Support for the following database management systems will be discontinued in a future version:

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

## **Requirement management system integrations**

Support for the following requirement management system integrations will be discontinued in a future version:

- Caliber
- IBM Rational DOORS
- Atlassian JIRA 6
- Atlassian JIRA 7
- VersionOne Enterprise Edition
- CA Agile Central

## **Issue tracking system integrations**

Support for the following third-party issue tracking system integrations will be discontinued in a future version:

- Atlassian JIRA 6
- Atlassian JIRA 7
- Bugzilla 4.4.13
- IBM Rational ClearQuest
- Team Foundation Server 2015

## **Source control system integrations**

Support for the following third-party source control system integrations will be discontinued in a future version:

- Team Foundation Server 2015

## **Cloud integrations**

Support for the following third-party cloud integrations will be discontinued in a future version:

- VMware vCloud

### **Mobile device provider integrations**

Support for the following third-party mobile device provider integrations will be discontinued in a future version:

- Sauce Labs

### **Microsoft Office import integrations**

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

- Microsoft Office Word (.doc)