



# Silk Central 20.0

Release Notes

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# Silk Central 20.0 Release Notes

## **Version 20.0**

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 20.0

Silk Central 20.0 introduces significant enhancements and changes.

## Administration

### Customer feedback

With Silk Central 20.0 or later, you can join the *Silk Central Improvement Program* and help us improve your test management experience. If you choose to participate, Silk Central will collect information on how users of an instance use our software and services to identify trends and usage patterns.

We will not:

- Collect your name, address, or any other personally identifiable information.
- Collect any content-related data.
- Collect your scripts, passwords, or any other data files.
- Prompt you with additional messages that might distract you from your work.

### Security enhancements - Restriction to localhost

To prevent access from remote with Silk Central 20.0 or later, the JMX access for Front-end-, Application, and Chart-services is by default restricted to the loopback address of the machine 127.0.0.1.

As the Application- and Chart-services are usually only used by the local Front-end-service, these are also restricted to the loopback address for new installations.

### Security enhancements - Secure execution server communication

With Silk Central 20.0 or later, the Silk Central execution server setup enables you to specify a secure communication during installation. When checking *Enable secure communication* in the Silk Central execution server setup, you have to specify a keystore file that you can download from your Silk Central site. The keystore file is created with your Silk Central database and contains the certificate of the application service as well as a private key for the execution services. When the execution service starts up, it will only allow the corresponding application service, which is having a matching private key, to connect to the execution service.

An execution server setup with secure communication enabled will only open the Windows Firewall for the secure port 19125. The JMX service of the execution server on port 19144 is no longer available.

## Tests

### Business process testing

With Silk Central 20.0, you can define input and output parameters for business components. These parameters allow you to have an information flow between your business components that emulates information flow between the actual business units. For example, a department/business component placing an order in the system and the resulting OrderID being the input for subsequent departments/business components.

### **Business process testing - Office import**

With Silk Central, you can import business process tests from Excel.

## **Execution Planning**

### **Business process testing - Progress**

With Silk Central 20.0, you can easier track the progress of business process tests as their status is now shown as a status bar, with sections for `Passed`, `Failed`, and `Not Executed`, instead of the previous single aggregated status.

## **Activities**

### **Re-running multiple execution plans**

It is now possible to select multiple execution plan runs in the **Last Executions** area and to re-run the selected runs through a context menu action.

## **Integrations**

### **Atlassian JIRA 8 Support**

Silk Central now supports Atlassian JIRA 8.

### **AccuRev 7.2 Support**

Silk Central now supports AccuRev 7.2.

## **Microsoft Windows Server 2019 Support**

Silk Central now supports Windows Server 2019.

## **Microsoft SQL Server Support**

Silk Central now supports Microsoft SQL Server 2014 Service Pack 3 and Microsoft SQL Server 2016 Service Pack 2.

# 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	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
2803621	625594	Provide additional information on current and last status of a test in the <b>Grid View</b> and the <b>Document View</b> of the <b>Tests</b> unit.
2856196	1104113	Provide multi-tenancy support for the Jenkins plugin.
2874298	1106533	Capture audit logs when deleting requirements, tests, test containers, and folders.
3116506	1110428	Provide support for multi-select and keyboard actions in the <b>Folder</b> tree of the <b>Manual Execution Planning</b> window.
3118473	1110608	Display a warning message when removing the link between a test and an assigned issue.
3125418	1111275	Setting up test result cleanup rules for a longer time frame.
3151195	1113671	Result cleanup rules should go through the backlog of previously executed plans and remove the attachments.
3153885	1113912	Manual Test Results Report: Filter closed and resolved issues out.
3176940	1115945	Execution plans not executed in scheduled order - waiting for available server
3177012	1115873	Fixed error 'This thread already owns a connection...'
3176940	1115945	Execution plans are not executed in scheduled order.
3182313	1116417	Unable to deactivate Issue Manager inboxes that are not in use.
3187740	1116679	If a test method contains parameters, it cannot be found and executed using JUnit 5.
3190993	1116950	Report templates that are imported from Silk Central 17.0 do not work on Silk Central 19.0 or later.

# 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](mailto: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 20.0 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 7 32-bit/64-bit Service Pack 1 (execution server)
- Microsoft Windows 8.1 32-bit/64-bit (execution server)
- Microsoft Windows 10 32-bit/64-bit (execution server)
- Android 4.4, 5.x, 6.x, 7.x, 8.x, 9.x (mobile device testing)
- iOS 9.3, 10.x, 11.x, 12.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 12.1.0.2). 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 20.0
- Silk Test 20.0
- 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
- Atlassian JIRA Agile 6, 7, 8
- 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 20.0.

## **Rally Mashups**

Rally Mashups are no longer supported in Silk Central 20.0.

## **Silk Central Connect**

Silk Central Connect is no longer supported in Silk Central 20.0.

# 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
- Microsoft Windows 7 (execution server)

## **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)