



# Silk Central 20.6

Release Notes

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# Silk Central 20.6 Release Notes

## **Version 20.6**

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 20.6

Silk Central 20.6 introduces significant enhancements and changes.

## Administration

### Controlling Axis services for enhanced security

To enhance security, the SOAP services based on Axis 1.4 can now be deactivated. You can still use these services, however, they will be desupported in a future version of Silk Central. To access the services, go to <https://<hostname>/services> and <https://<hostname>/Services1.0/services>.

### Unlimited filter criteria

You can now add an unlimited amount of selection criteria to your filters.

### Precise permission management

The user permissions for tests and execution plans have been separated, which now lets you manage your permissions more precisely.

## Dashboard

### Enhanced Manual Tests Assigned to Me panel

The panel **Manual Tests Assigned to Me** lets you now group the panel columns. Also, the panel now provides the two new columns **Cycle Start Date** and **Cycle End Date**.

## Requirements

### Global list custom properties

The custom property type `Global List` is now also provided for requirement custom properties. The values of `Global List` custom properties are backed by a list of values.

### Linked fields

Custom properties based on global lists can be grouped, which can be used to define depending fields, where the available values of one list depend on the selection in the other list.

### Import .xlsx files that contain images

When importing requirements from an .xlsx file, the images contained in the file are imported by either inserting them into the requirement description or by adding them as attachments. If the image is located in a description cell and the MIME type is supported, the image will be inserted to the requirement description. Otherwise, the image is added as attachment and the attachment name is appended to the description.

# Tests

## Test Asset Workflow

Silk Central 20.6 provides a number of improvements for the test asset workflow:

- Silk Central now offers a dedicated permission that allows users to approve tests.
- You can now declare a test `obsolete` from all workflow states. Previously this was only possible from the workflow state `approved`.
- The workflow state of a test is now visible in the **Assigned Tests** grid of an execution plan.
- If not approved tests are assigned, a warning now displays on the **Run** dialog and when clicking **Start Testing Cycle**.
- When a test is started or synchronized, a message is added to the result documenting the workflow state.

## Linked fields

Attributes based on global lists can be grouped, which can be used to define depending fields, where the available values of one list depend on the selection in the other list.

## User list attributes

Silk Central 20.6 provides the new attribute type `User List`. The values of `User List` attributes are defined from system values according to the users assigned to a project.

## Tests grid enhancements

The tests grid now displays information about the used source control profile and it allows you to filter for it.

## Multi-edit in the tests tree

Silk Central now allows you to edit multiple objects in the tests tree through the context-menu. You can edit the property values and attributes values for several tests at once.

# Execution Planning

## Required attributes

Execution planning attributes can now be declared as required. When creating an execution plan, testing cycle, or a configuration suite, setting a value for these attributes is mandatory.

## Download document view as .xlsx file

The content of the document view in the **Execution Planning** unit can now be downloaded as .xlsx file.

## Linked fields

Attributes based on global lists can be grouped, which can be used to define depending fields, where the available values of one list depend on the selection in the other list.

## User list attributes

Silk Central 20.6 provides the new attribute type `User List`. The values of `User List` attributes are defined from system values according to the users assigned to a project.

# Issue Manager

## Full user name for new inboxes

Silk Central now allows you to use the full user name when generating inboxes in Issue Manager.

# Manual Testing

## Alternative for JNLP

The functions **capture screen**, **record video**, and **code analysis**, provided in the **Manual Testing** window, are based on JNLP. For users who you cannot download the JNLP file (for example due to security restrictions), Silk Central now provides an alternative way to still use these features.

# Executions

## Version and build in Current Executions grid

In the **Current Executions** grid on the **Activities** page, now also the information about version and build is available for automated tests.

## Deployment time of execution plans

The deployment time of execution plans, that is when the execution plan is first distributed to the execution server, is now also captured.

## Change build information of finished executions

Silk Central 20.6 allows you to change the build information of already finished manual test runs. Doing so, however, requires a special permission and such action is specifically documented by adding information on who changed the version and build, when the values were changed, what the previous values were, as well as a mandatory comment by the user.

# Integrations

## Micro Focus Connect

Silk Central 20.6 further enhances the integration with Micro Focus Connect.

- It is no longer necessary to manually create reports, which simplifies setting up the integration.
- The relation between `test plan`, `test plan run` and `test run` is now added.
- The relation between `tests` and `issues` is now exposed.
- The optimized requirements synchronization enhances performance and reliability.
- The issue information from Issue Manager is now available to Micro Focus Connect.

## UFT Developer

Silk Central 20.6 enhances support for UFT Developer through the test types `JUnit` and `MSTest`.

### **UFT Mobile**

Silk Central 20.6 integrates with UFT Mobile (formerly Mobile Center).

### **JUnit 5.6**

The JUnit plugin deployed with Silk Central 20.6 has been updated to support the result format of JUnit 5.6.

### **Atlassian Jira Software**

Silk Central 20.6 provides a number of improvements for the requirements management integration and the issue tracking integration with Atlassian Jira Software.

- To authenticate Jira users, you can now use API tokens instead of plain passwords.
- When you create a new issue using the Silk Central UI, required fields are now marked and hence easy to spot.
- Support for Jira Software Cloud has been added.

## **Microsoft SQL Server Support**

Silk Central now supports Microsoft SQL Server 2019.

# 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
2825501	616975	Request to implement functionality that lets the user set a value to test attributes directly when creating a test.
2846192	1102548	When the synopsis of an issue comprises more than 128 characters, it is being truncated.
2864194	629833	Request to remove the limitation of test attributes to being project-specific.
2988286	1108528	The <b>Current Execution</b> panel does not display the version and build used in the execution.
3118824	630341	When the execution server goes down or loses connection, the application pings the execution server for a response, which is not desired behavior.
3129781	1111758	Request to extend the functionality of <i>lists of values</i> .
3130583	1111744	The name of the menu <b>Systemwide Triggers</b> can be confusing.
3142835	1112926	The status of finished test runs can be changed, which is not expected behavior.
3157740	1114362	When creating or editing a filter in the <b>Project Settings</b> , on the <b>Filters</b> tab, the number of selection criteria is limited to 10.
3166781	1114946	Request to display the value of the <b>State</b> field of an issue in bold.
3173647	1115723	Request to display the build and version the current run is running against on the <b>Current Run</b> page.
3175741	1115732	Request to implement functionality that lets the user restart multiple tests on the <b>Activities</b> page.
3211282	1118916	When creating a new testing cycle on the <b>Manual Execution Planning</b> page, then hiding and showing it again, the values for the start and end date differ from the values that have just been configured when creating the testing cycle.
3211629	1118768	Request to extend the character limit for the <b>Synopsis</b> field when creating a new issue.
3211954	1118763	When creating a new test and clicking multiple times on <b>Finish</b> , the test is being created multiple times with the same name.
3214334	1119221	NGINX 1.16.0 causes concerns about security vulnerabilities.
3215656	1119192	Renaming or removing parameters in/from a data-driven source causes issues for the data-driven child elements and for the filter lists.
3215870	1119119	Request for a specific permission that allows users to approve tests (within the test asset workflow).
3215871	1119120	Request for a <b>Workflow Status</b> field on the <b>Assigned Tests</b> page, which can be used to instruct testers to select only approved tests.
3220976	1119620	If an already closed issue is being modified, the <b>DateClosed</b> field is updated with the current date.

# 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 20.6 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
- Microsoft SQL Server 2019
- 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
- UFT Mobile 2.51 or later
- Silk Performer 20.5
- Silk Test 20.5
- StarTeam 15.x, 16.x, 17.0
- Silk TestPartner 6.3
- UFT One 15.0
- UFT Developer 15.0

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

- Apache Commons Virtual File System (VFS)
- Atlassian Jira Software 6, 7, 8. Versions 6 and 7 are supported but not tested.
- Atlassian Jira Software Cloud. Not supported are *next-gen* projects and projects residing in a cloud instance containing *next-gen* projects.
- 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
- Subversion 1.9
- Team Foundation Server 2015, 2017
- VersionOne Enterprise Edition
- VMware vCloud Director 5.5

# 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 Software 6
- Atlassian Jira Software 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 Software 6
- Atlassian Jira Software 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)

### **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>

### **SAP Solution Manager**

Support for the following SAP Solution Manager version will be discontinued in a future version:

- SAP Solution Manager 7.2