SAS® Studio 3.83

Overview

SAS Studio is available in three editions, and each edition has different requirements:

- SAS Studio Basic
- SAS Studio Single-User
- SAS Studio Mid-Tier (Enterprise Edition)

SAS Studio 3.83 is compatible with SAS® 9.4M9. This document covers only those requirements for SAS Studio that are separate from the system requirements for SAS Foundation. To understand the full set of requirements for your environment, find the appropriate software listing on the SAS System Requirements page, https://support.sas.com/en/documentation/system-requirements.html.

SAS strongly recommends that you work with your SAS Account Team for an official hardware sizing evaluation based on your planned SAS workload.

SAS Studio Basic

SAS Studio Basic is delivered with Base SAS and runs on Windows server (64-bit environments only) and UNIX operating environments. This edition includes the SAS Web Application Server and the SAS Object Spawner. Any user who has an operating system account on the machine can log in from a web browser over the network.

Installation Disk Space Required

SAS Studio Basic requires 304 MB of disk space in addition to the recommended disk space that is required for SAS Foundation.

See the SAS 9.4 Foundation System Requirements for your operating system for more information.

Support for Git Integration

The Git libraries that are required to use the Git integration features of SAS Studio 3.83 and SAS® 9.4M9 depend on OpenSSL 3 for Red Hat Enterprise Linux environments by default. Red Hat Enterprise Linux 9.*x* includes OpenSSL 3. However, for deployments on Red Hat Enterprise Linux 8.*x*, you must either upgrade the version of OpenSSL that is included to OpenSSL 3 or download the versions of the Git libraries that depend on OpenSSL 1.1.1 from the SAS Support Downloads page.

Encryption Support

SAS Studio Basic is not configured for HTTPS or encryption between the Web Application server and the SAS Workspace Server by default. For information about setting up HTTPS between the web browser and the web application server that hosts SAS Studio, see "Add Support for Transport Layer Security (TLS)" in the *SAS Studio Administrator's Guide*.

SAS Studio Services

Two services are created for SAS Studio Basic, one for the SAS Web Application Server and one for the SAS Object Spawner:

- In Windows environments, you can start and stop `SASStudioWebAppServer` and `SASStudioSpawner` from the services console.
- In UNIX environments, use the scripts found in the SAS Studio configuration directory to manage the services.

SAS Studio Ports

SAS Studio Basic requires that three ports be available. Two ports are for the SAS Web Application Server (HTTP port and JMX port) and one additional port is required for the SAS Object Spawner (Workspace Server port). These ports are specified during installation.

The default values for the SAS Studio ports are the default ports used by SAS with a '3' prepended; example, SAS Studio Basic defaults to 38080 for the HTTP port, 36969 for the JMX port, and 38591 for the Workspace Server port.

Runtime Resources Required

The recommended minimum memory requirement for SAS Studio Basic is 1 GB of RAM in addition to the recommended minimum memory requirement for SAS Foundation.

See the SAS 9.4 Foundation System Requirements for your operating system for more information.

Web Browsers

Each desktop computer that will use SAS Studio to connect to the SAS server must have one of the following supported browsers:

- Google Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge on Chromium 79.0 and later
- Apple Safari 6.0 and later (on Apple macOS)

Browsers on tablets and other mobile devices are not supported.

SAS Studio Single-User

SAS Studio Single-User is delivered with Base SAS and runs on Windows operating systems. For SAS Studio Single-User, all the parts of SAS Studio are installed on the same machine as Base SAS and can be accessed only from that same machine.

Installation Disk Space Required

SAS Studio Single-User requires 284 MB of disk space in addition to the recommended disk space required for SAS Foundation.

See the SAS 9.4 Foundation System Requirements for your operating system for more information. Runtime Resources Required

The recommended minimum memory requirement for SAS Studio Single-User is 1 GB of RAM in addition to the recommended minimum memory requirement for SAS Foundation.

See the SAS 9.4 Foundation System Requirements for your operating system for more information.

Web Browsers

Each desktop computer that will use SAS Studio to connect to a local installation of SAS must have one of the following supported browsers in a Windows operating environment:

- Google Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge on Chromium 79.0 and later

Only localhost access is allowed.

SAS Studio Mid-Tier (Enterprise Edition)

SAS Studio Mid-Tier (Enterprise Edition) is delivered with SAS Integration Technologies. SAS Studio Mid-Tier (Enterprise Edition) utilizes the SAS Metadata Server, the SAS Web Application Server, the SAS Web Server, and SAS Web Infrastructure Platform services, applications, and data server.

The system requirements for SAS Studio Mid-Tier (Enterprise Edition) are covered by the system requirements document for the bundle that you purchased that includes SAS Integration Technologies.

Installation Space Required

SAS Studio Mid-Tier (Enterprise Edition) requires 348 MB of disk space in addition to the recommended disk space required for SAS Foundation.

See the SAS 9.4 Foundation System Requirements for your operating system for more information.

Git Encryption Support

For information about Git integration, see Support for Git Integration on page 1.

Web Browsers

Each desktop computer that will use SAS Studio to connect to the SAS server must have one of the following supported browsers:

- Google Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge on Chromium 79.0 and later
- Apple Safari 6.0 and later (on Apple macOS)

Browsers on tablets and other mobile devices are not supported.

Note: *The list of web browsers that SAS supports is updated as new products are tested and approved. For the latest information, see the* SAS 9.4 Support for Web Browsers page.

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