

# System Requirements

## SAS® Studio 3.8 and 3.81

### Overview

SAS Studio is available in three editions. Each edition has different requirements.

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

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](#),

<http://support.sas.com/resources/sysreq/index.html>.

We strongly suggest that you work with your SAS Account Team for an official hardware recommendation based on your proposed 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 on through a web browser over the network.

### *Installation Space Required*

SAS Studio Basic requires 304 MB of disk space in addition to the recommended disk space required for SAS Foundation (see <http://support.sas.com/resources/sysreq/index.html>).

## **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; for 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 <http://support.sas.com/resources/sysreq/index.html>).

## **Web Browsers**

The desktop computer which will be using SAS Studio to connect to the SAS server must have installed one of the following supported browsers:

- Google Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge 42.1 and later
- Microsoft Edge on Chromium 79.0 and later
- Apple Safari 6.0 and later (on Apple OS X)

Microsoft Edge on Chromium requires SAS 9.4M7.

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 environments. 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 Space Required**

SAS Studio Single-User requires 284 MB of disk space in addition to the recommended disk space required for SAS Foundation (see <http://support.sas.com/resources/sysreq/index.html>).

## 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 <http://support.sas.com/resources/sysreq/index.html>).

## Web Browsers

The desktop computer which will be using SAS Studio to connect to the local installation of SAS must have installed one of the following supported browsers on a Windows operating environment:

- Google Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge 42.1 and later
- Microsoft Edge on Chromium 79.0 and later

Only localhost access is allowed.

Microsoft Edge on Chromium requires SAS 9.4M7.

## 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 systems requirements for SAS Studio Mid-Tier (Enterprise Edition) are covered in the system requirements for the bundle 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 <http://support.sas.com/resources/sysreq/index.html>).

## Web Browsers

The desktop computer which will be using SAS Studio to connect to the SAS server must have installed one of the following supported browsers:

- Microsoft Chrome 67.0 and later
- Mozilla Firefox 60.0 and later
- Microsoft Edge 42.1 and later
- Apple Safari 6.0 and later (on Apple OS X)

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, visit the SAS 9.4 Support for Web Browsers and Plug-Ins page at <https://support.sas.com/en/documentation/third-party-software-reference/9-4/support-for-9-4-web-browsers.html>.

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