

SAS Club

25 years of SAS® Enterprise Guide®
The story continues on SAS® Viya® 4

Kashif Din
Principal Technical Architect, SAS Austria



Agenda

Topics

1

Motivation for SAS Enterprise Guide 8.4

Why are we providing this new integration capability and who are we targeting?

2

Functional Focus, Capabilities, Installation?

Important considerations

3

Demo

connect to Viya, run SAS programs, process flows, (re)load data to CAS, modify and push to GIT (SAS EG & SAS Studio)

4

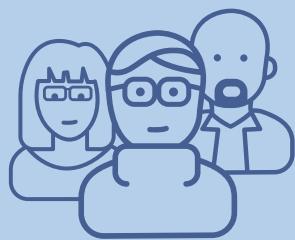
Resources

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Q&A

Motivation for SAS Enterprise Guide 8.4

Help customers migrate to SAS Viya 4 and SAS Studio



SAS Enterprise Guide is very popular with many users



Customers have numerous projects, many very elaborate with a complex migration path



SAS Enterprise Guide 8.4 is a bridge from SAS 9 to SAS Viya 4
Leverage Viya 4 benefits while continuing to use SAS Enterprise Guide

Functional Focus

The power of SAS Viya 4 from the comfort of SAS Enterprise Guide

Viya 4 Compute Server

Access the powerful Viya 4 compute service from SAS Enterprise Guide including new procedures

Compute Server Filesystem

Save SAS program to persistent storage to access them from both SAS Enterprise Guide and SAS Studio

Hybrid Enterprise Guide projects

Project nodes can run any mix of SAS 9 and SAS Viya 4

Capabilities not available with Viya 4 connection



What's In

- Support for multiple SAS Viya 4 Compute Server Contexts
- Access to SAS Libraries (session based)
- Access to remote file system
- All core features:
 - Program submit
 - View tables
 - View results and logs
 - Prompts that have no metadata dependency
- **Access to SAS Content (post release 8.4)**



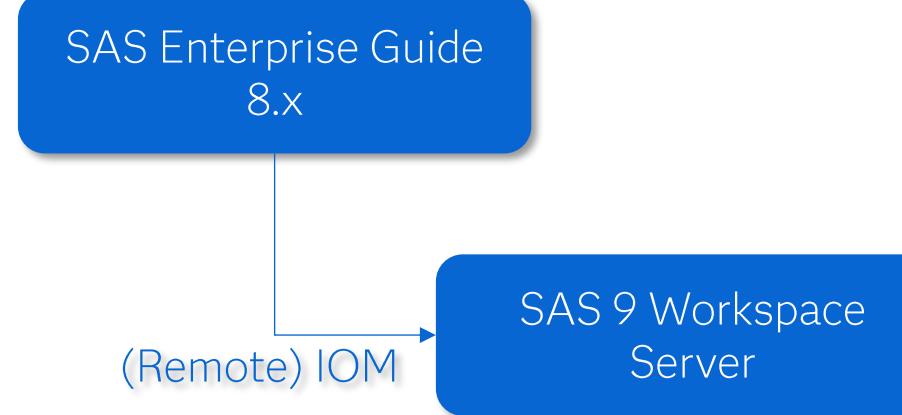
What's Out

- **No new steps or tasks**
- **No metadata related features:**
 - Stored procedures
 - Info maps
 - OLAP cubes
 - Registered tables
 - Dynamic prompts
 - Prompts that provide lists of libraries/tables/columns
- **No Interactive table editing**

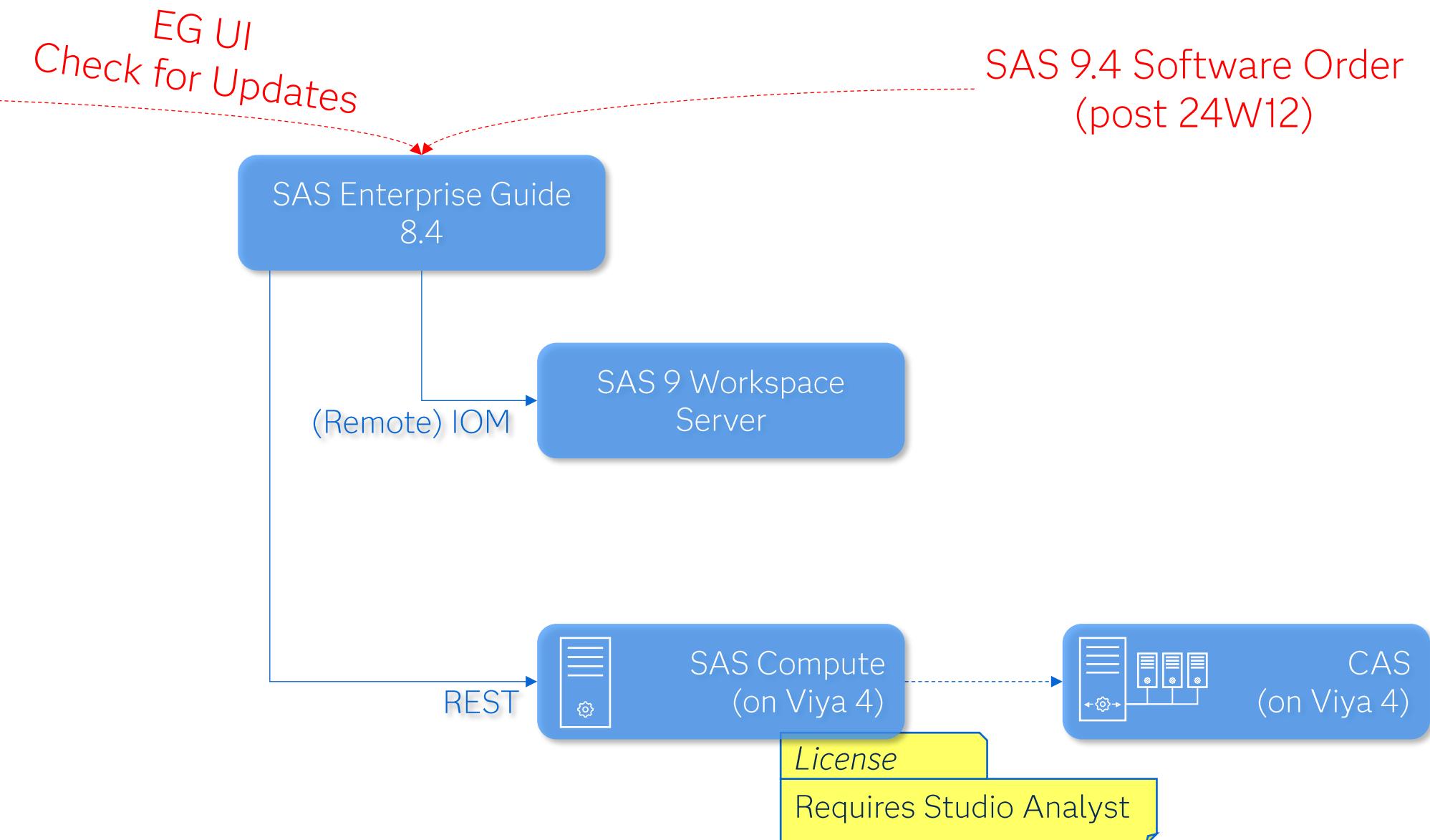
See this section in the EG 8.4 User's Guide:
[Working without a Metadata Server Connection](#)

Where can I get the software?

SAS Enterprise Guide 8.x

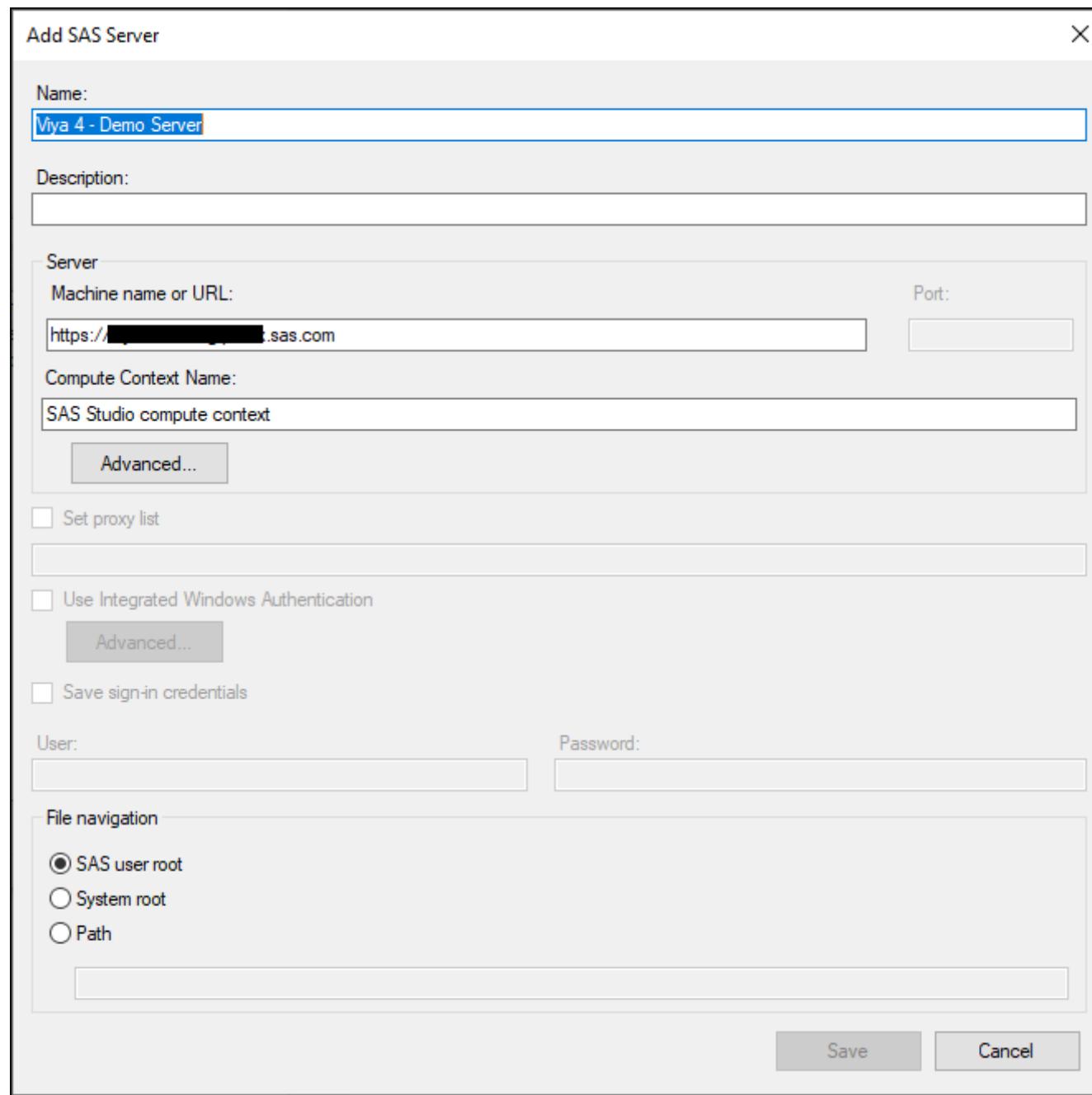


SAS Enterprise Guide 8.4

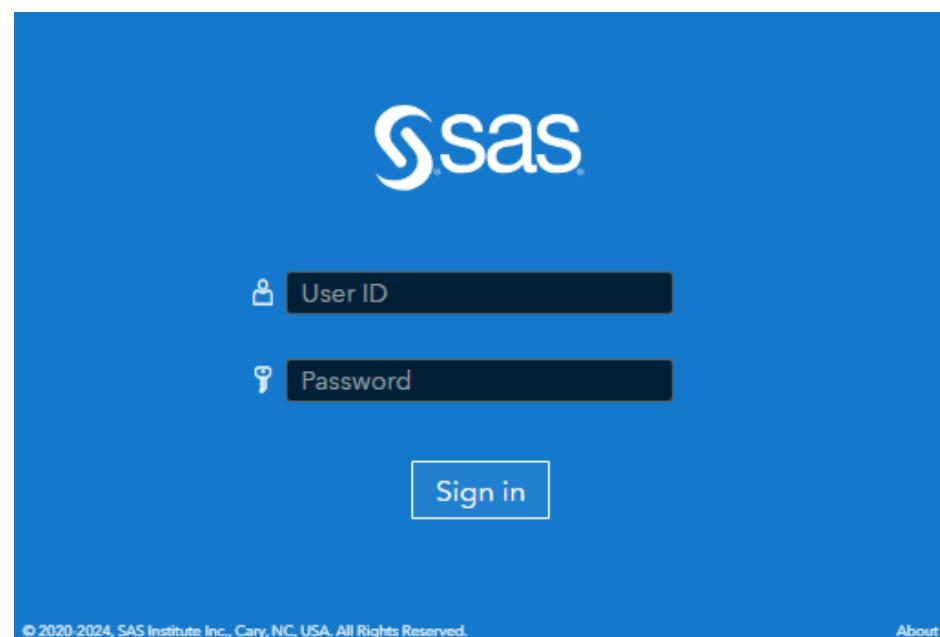
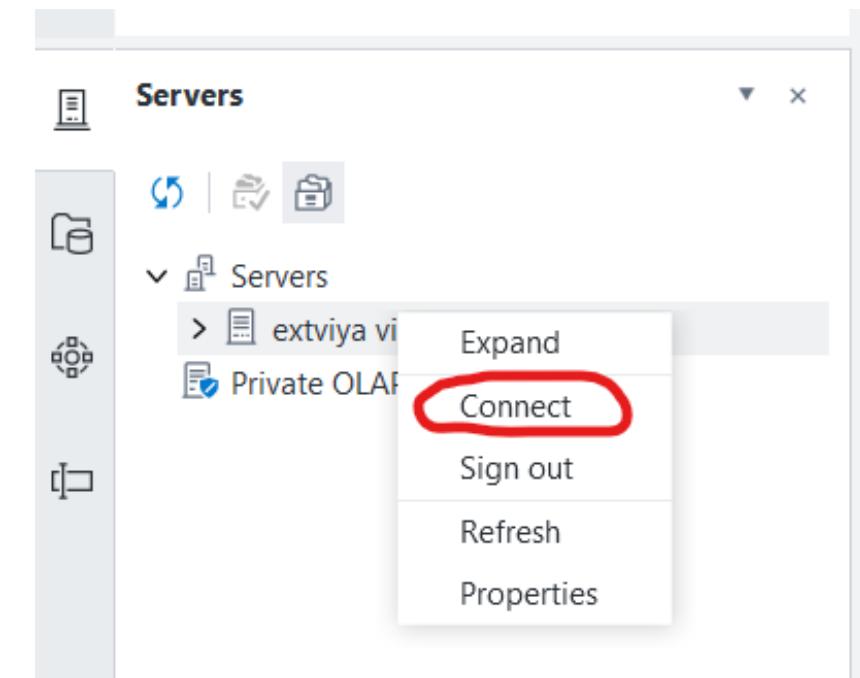


How does it work?

Define server connection

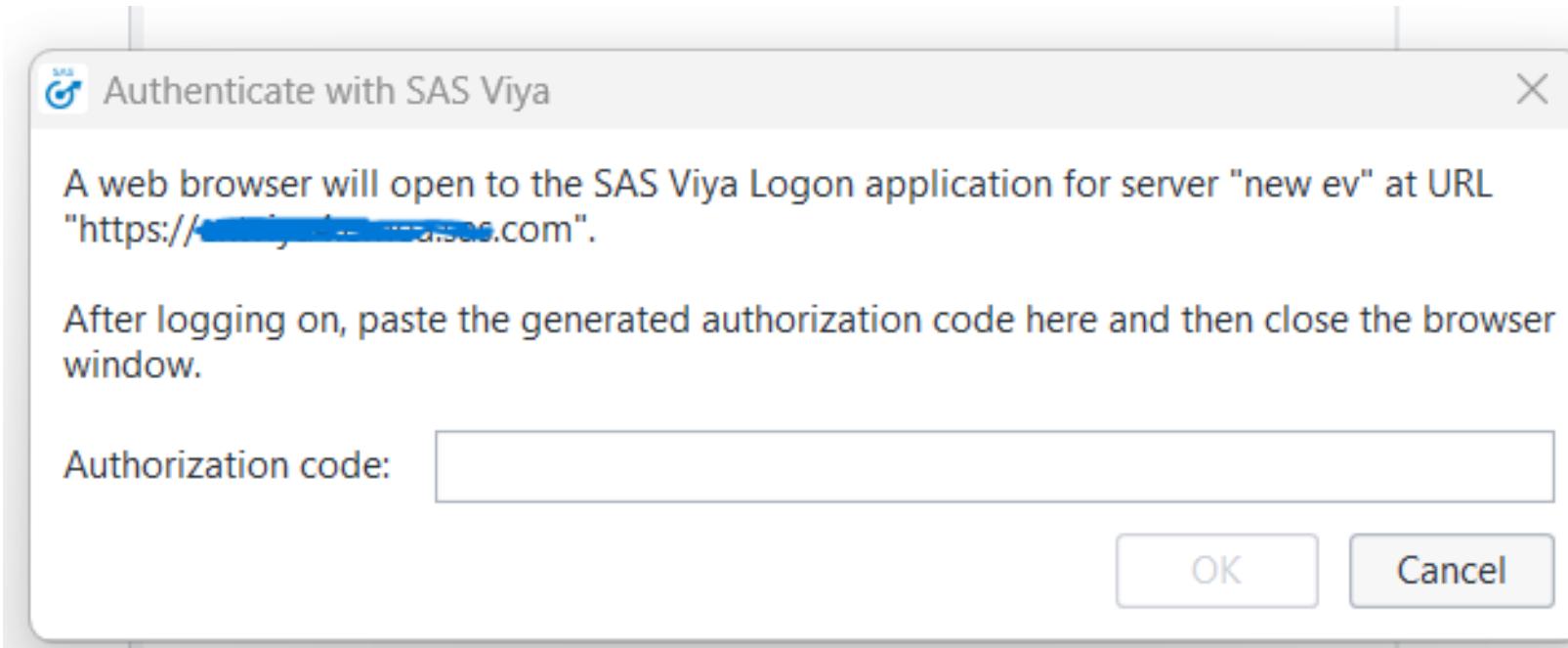
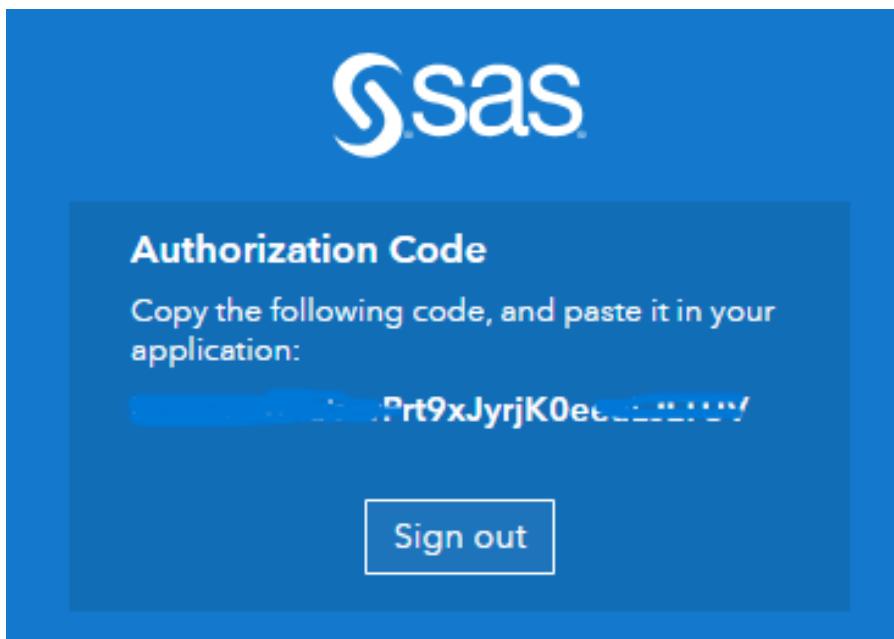


Connect & Logon

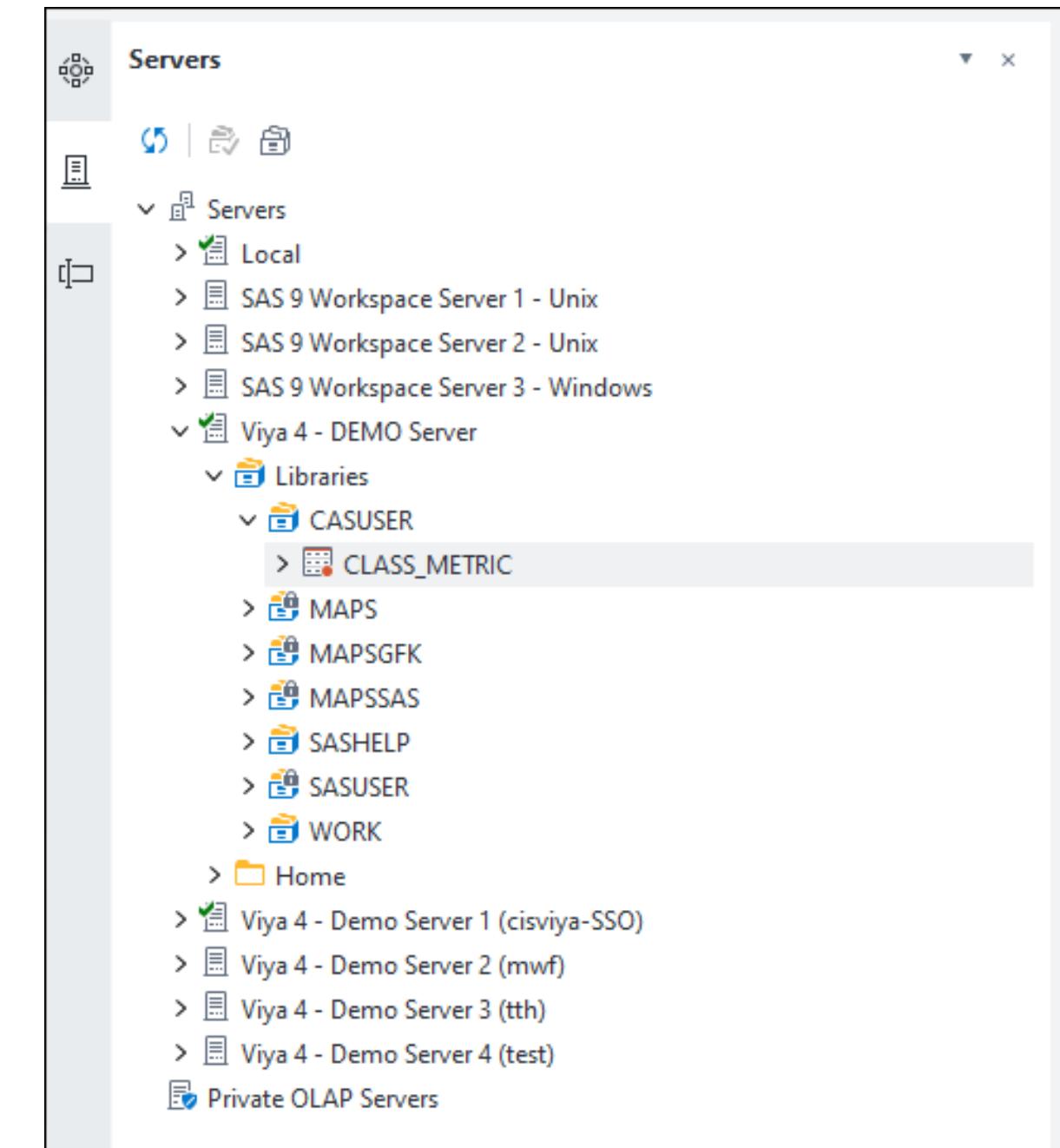


How does it work?

Authorization Code

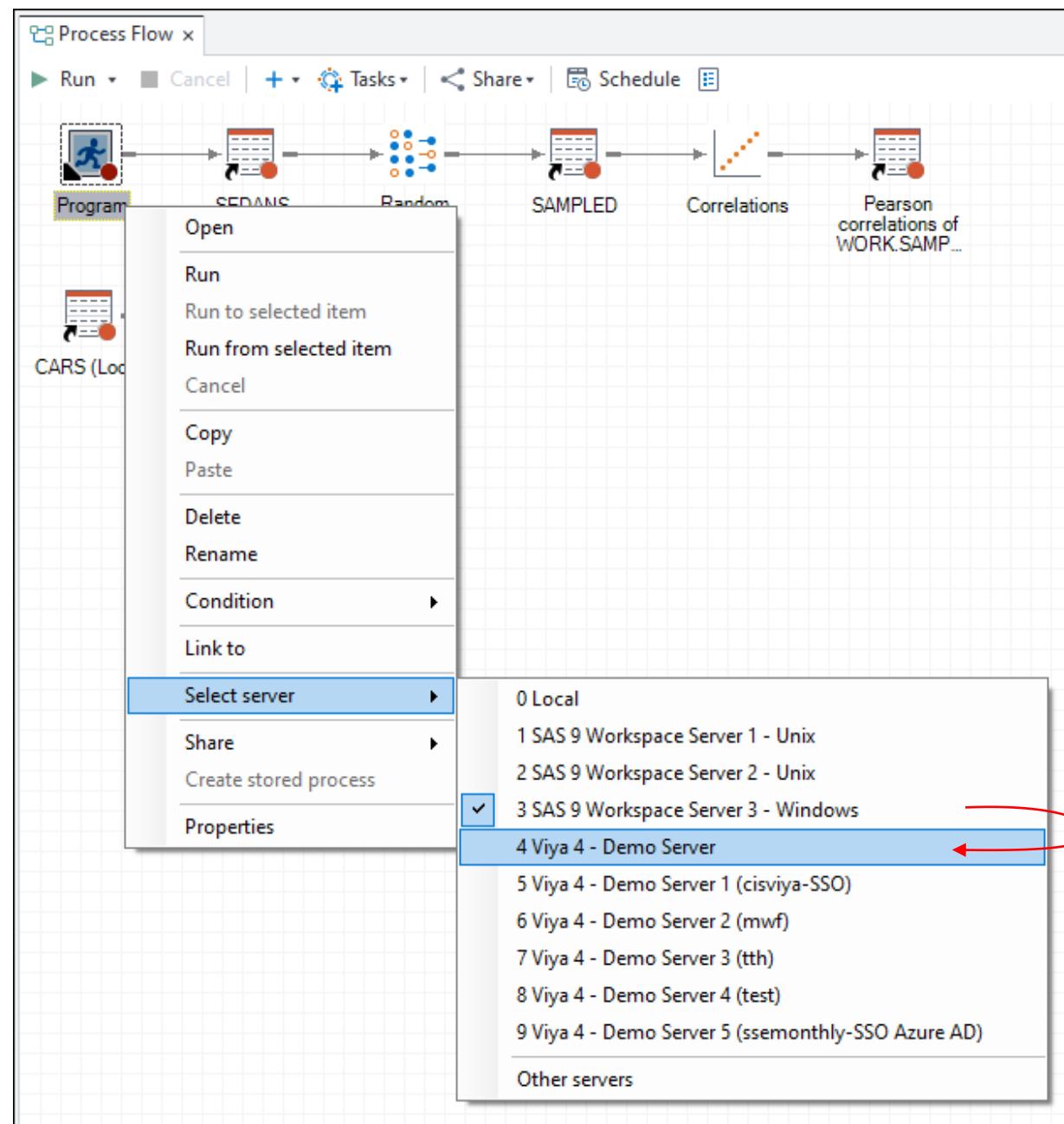


Navigate server



How does it work?

Update server association on node



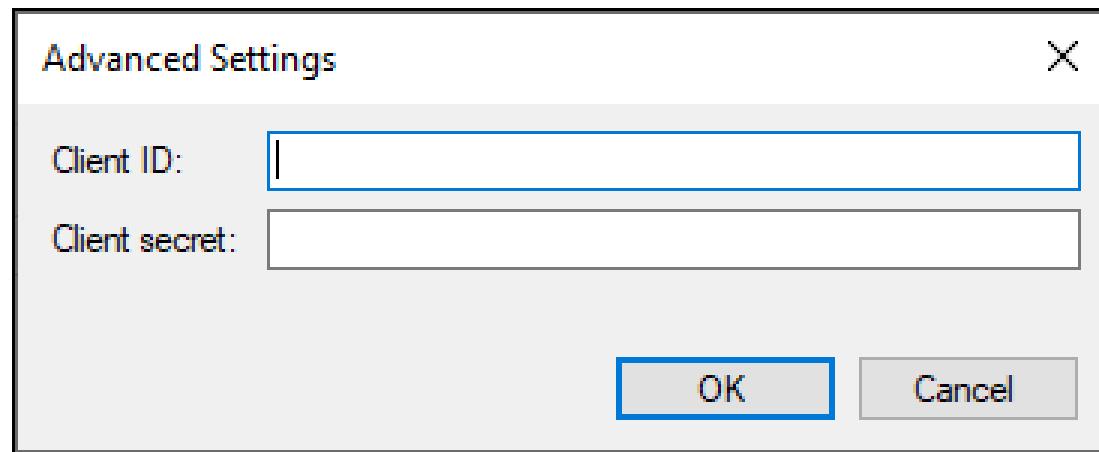
Supported scenarios

- Update one node at a time for testing purposes
- Wizards to update all server references^(*)
 - Across all Process Flows in EG project
 - Across all EG projects in a folder

() Also supports changing Data Source to use (SAS Library)*

Which SAS Viya 4 versions are supported?

All versions (*)



- (*) SAS Viya 2024.01 or earlier require the SAS Administrator to define a client ID and client secret, and the Server connection definition in EG to specify these properties.

More details in the following documentation:

- [Defining and Connecting to a SAS Viya 4 Compute Server in SAS Enterprise Guide 8.4 User's Guide](#)
- [Registering an OAuth Client ID in SAS Enterprise Guide and SAS Add-In for Microsoft Office: Administrator's Guide.](#)

Demo

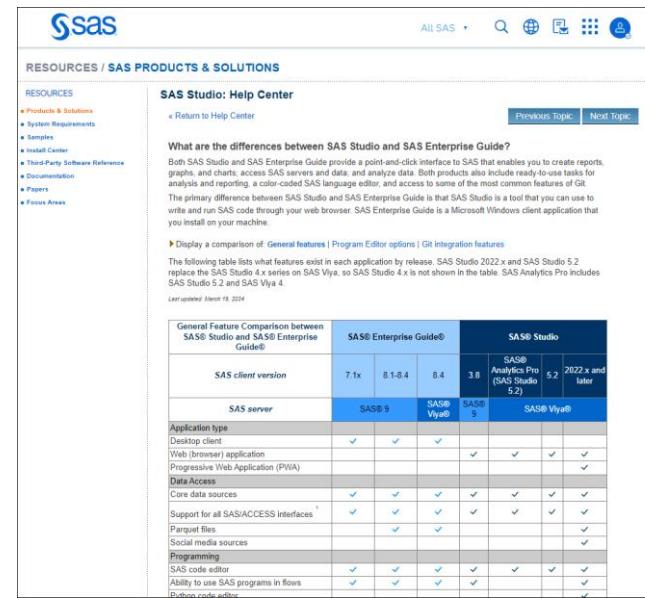
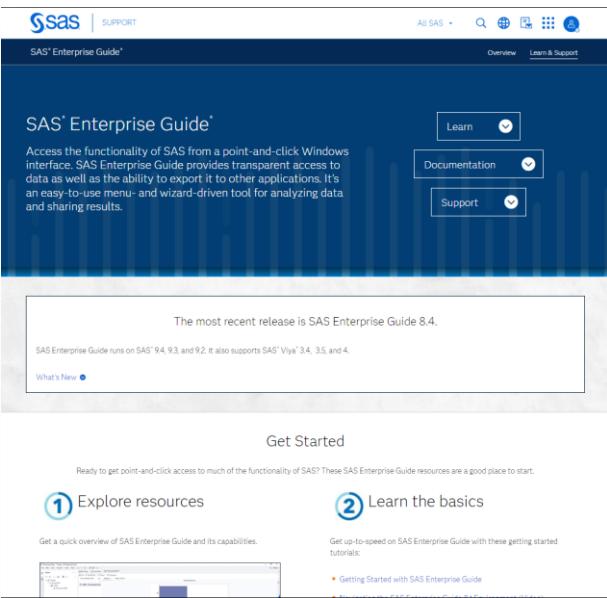
- Running tasks against Viya4
- (Re)Load data to CAS -> VA Report
- Modify programs
 - push to GIT
 - collaborate with SAS Studio (pull)



Links to resources

Documentation

EG on support.sas.com



SAS Content Assessment

- [SAS Content Assessment: quickly accessing results \(SAS Communities\)](#)
- [Download SAS 9 Content Assessment \(support.sas.com\)](#)

A step-by-step description of the first part of the demo is also available on SAS Communities:

<https://communities.sas.com/t5/SAS-Communities- Library/Using-SAS-Enterprise-Guide-with-SAS-Viya-4/ta-p/921481>

Q&A



Vielen Dank!

