Using SAS® Enterprise Guide 8.2 with SAS® Viya®

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Or perhaps we shouldn't?



AGENDA

- SAS® Enterprise Guide or SAS® Studio which one should I choose?
- Setting up SAS® Enterprise Guide 8.2 to work with Viya
- What's New in SAS® Studio 5.3
- Questions unmute your mic or write in the chat

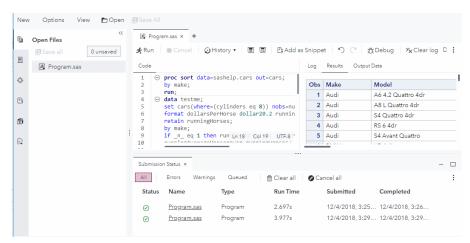




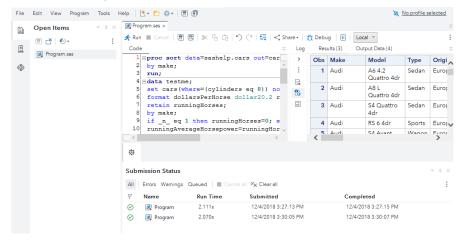
SAS Enterprise Guide and SAS Studio

Which one should I choose?

SAS Studio

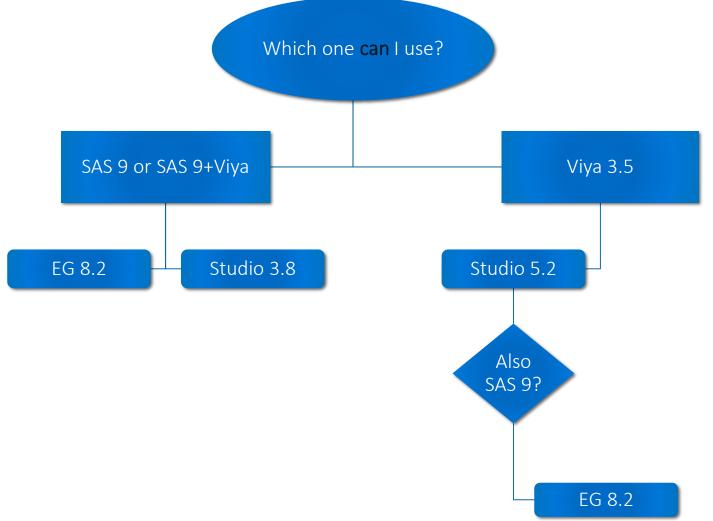


SAS Enterprise Guide



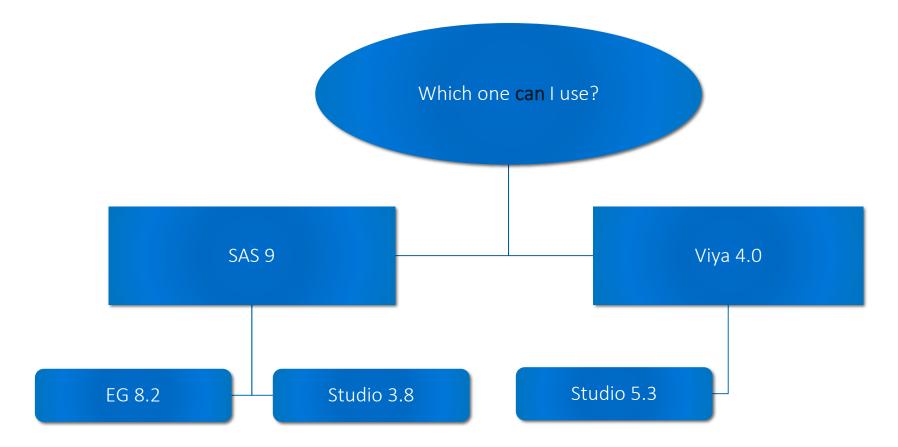
















What's New in SAS® Enterprise Guide 8.2



What's New in SAS® Enterprise Guide 8.2

- Ability to connect directly to workspace servers
- New Git integration user interface
- Ability to access and run tasks from SAS Studio 5.2
- Ability to manage keyboard shortcuts

https://support.sas.com/software/products/enterprise-guide/faq/whatsnew.htm





Setup needed to talk to Viya



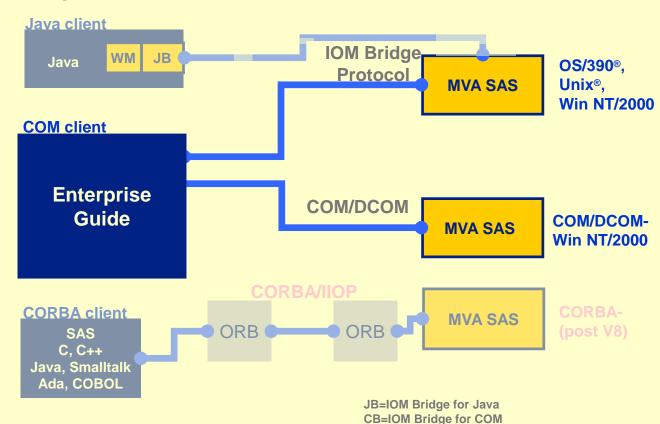
Setting up a server SAS8-style

Old school...



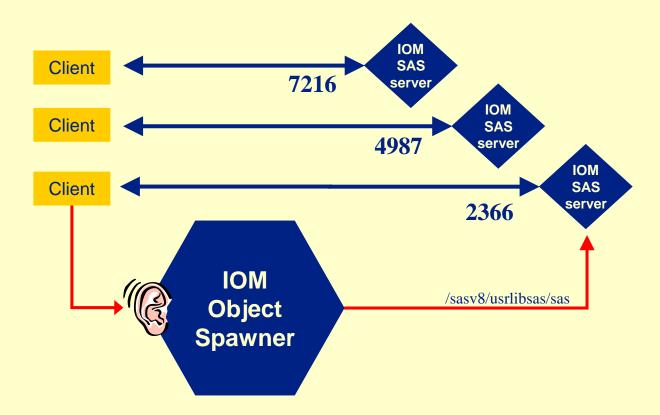
Integration Technologies

Connectivity





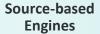
Object Spawner





Viya and micro services





In-Stream



In-Hadoop

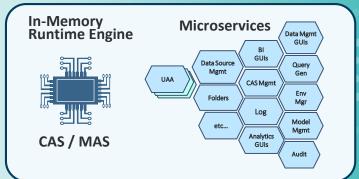
Parallel & Serial, Pub / Sub,

Web Services, MQs

In-Database



SAS° Viya





APIs





REST API



python

























SAS Viya 4 architecture

There is no

- Workspace Server
- Object Spawner listening





Let's get on with it. Setting things up...



Setup needed to talk to Viya

- 1. Copy certificate (vault-ca.crt) from linux server and divide it into 2 new files
- 2. Import certificates from linux server on your PC
- Add the linux server in EG Connections





Setup needed to talk to Viya

Documentation to guide you

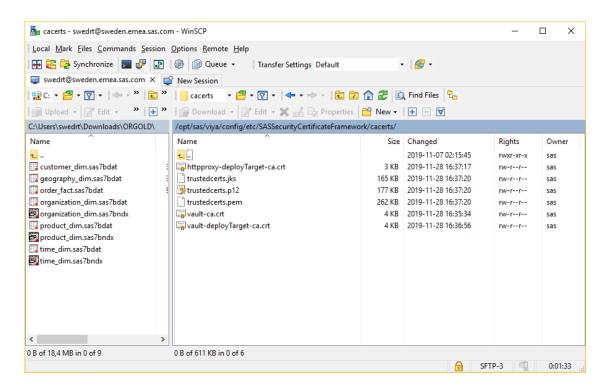
- How to find the cert and what to do with it
 https://go.documentation.sas.com/?cdcId=calcdc&cdcVersion=3.5&docsetId=cale
 ncryptmotion&docsetTarget=n1xdqv1sezyrahn17erzcunxwix9.htm&locale=en#p1
 1x7tc5wa1oein1jcnkjg0zf6ve
- Add Your Certificates to the Windows CA Store
 https://go.documentation.sas.com/?activeCdc=pgmsascdc&cdcId=egcdc&cdcVersion=8.2&docsetId=secref&docsetTarget=n12036intelplatform00install.htm&locale=en





Copy vault-ca.crt to your PC

/opt/sas/viya/config/etc/SASSecurityCertificateFramework/cacerts

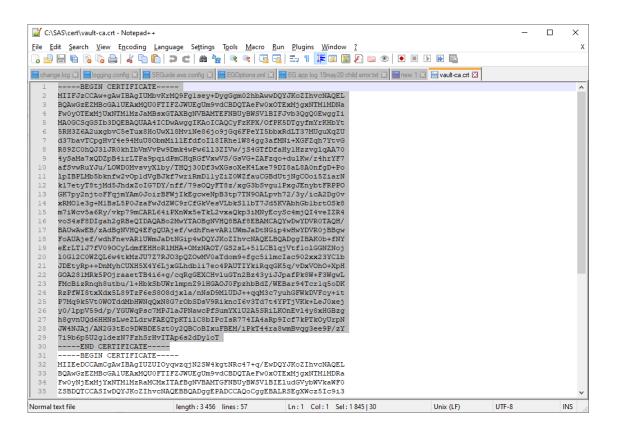






Divide vault-ca.crt into 2 files

/opt/sas/viya/config/etc/SASSecurityCertificateFramework/cacerts





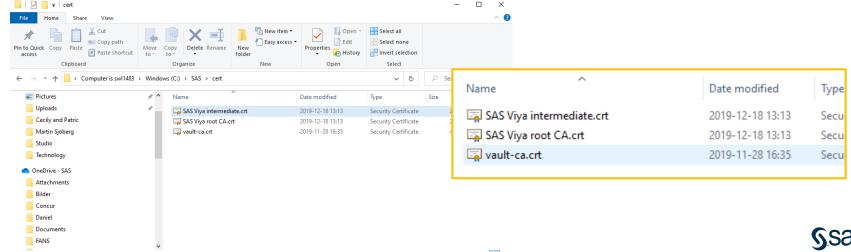


Divide vault-ca.crt into 2 files

/opt/sas/viya/config/etc/SASSecurityCertificateFramework/cacerts

From the doc...

Save these two files on your Windows machine and then add your certificates to the Windows CA store. You need to import the **root** certificate first and then the **intermediate** certificate. See Import CA Certificates into the Windows Trusted Root Certificate Authorities Store.





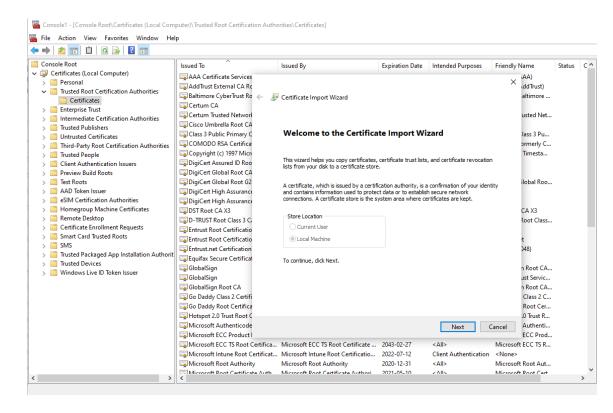


Import certificates with Windows MMC

Follow steps in link from previous slide

Import in this order

- 1. Root
- Intermediate







Setup needed to talk to Viya

Add new Work Space Server in connections dialog

Add SAS Workspace Server		×
Name: sweden.swe.sas.com		
Description:		
Server Machine:		Port:
sweden.swe.sas.com		8591
Set proxy list		
Use Integrated Windows Authentication Advanced		
Save sign-in gredentials		
<u>U</u> ser:	Password:	
File navigation		
○ SAS user root		
● System root ○ Path		
	<u>S</u> ave	Cancel



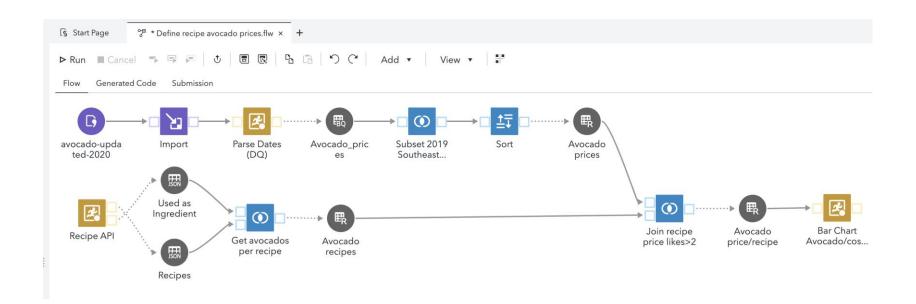


demo



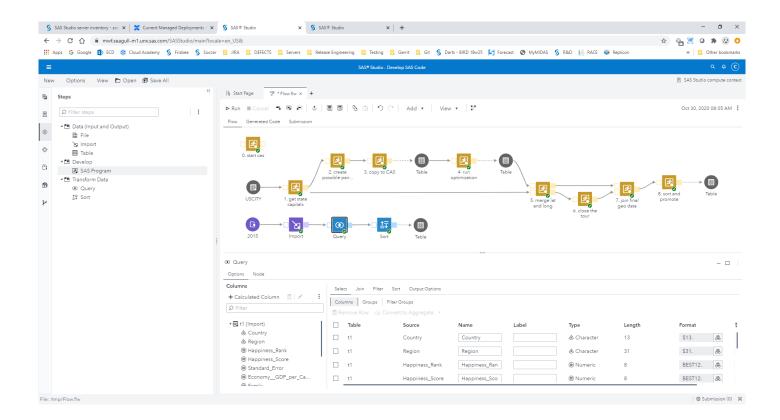
Flows in next release of SAS Studio





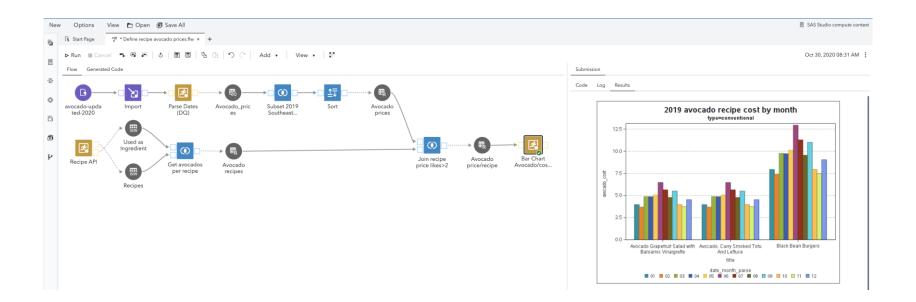






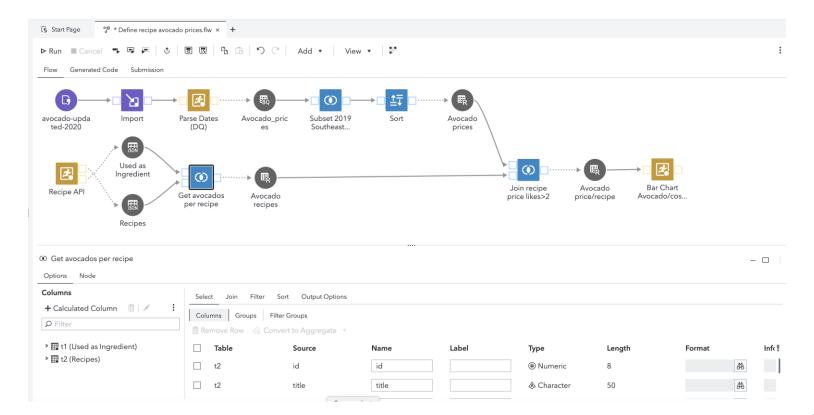






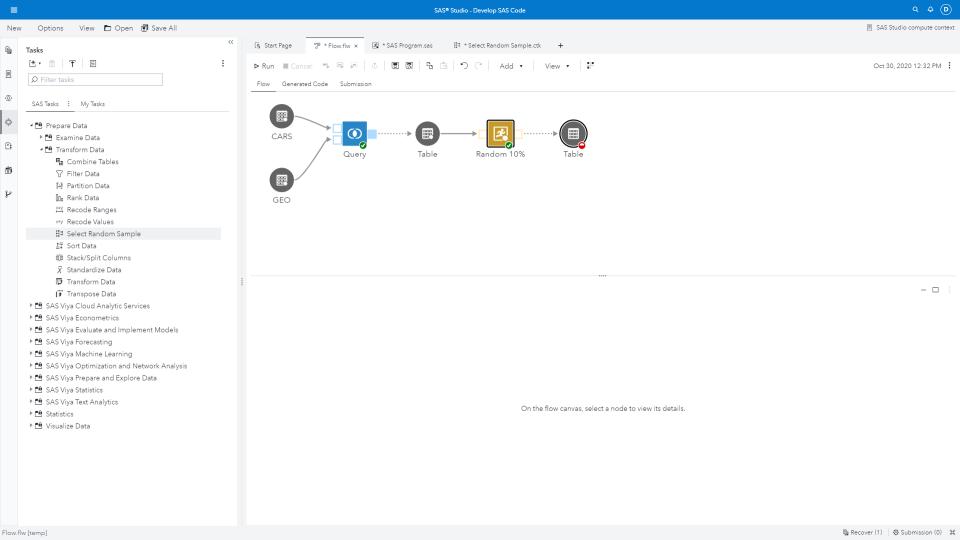


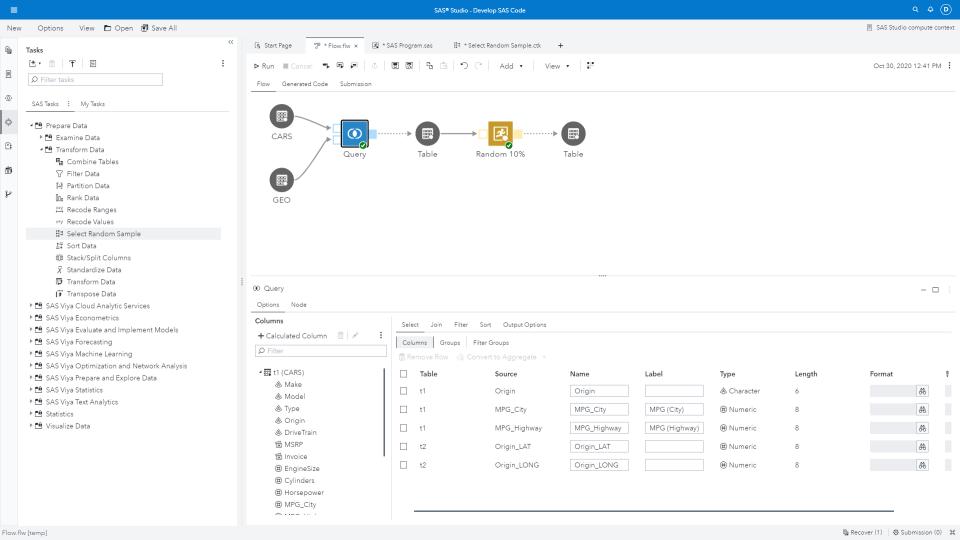


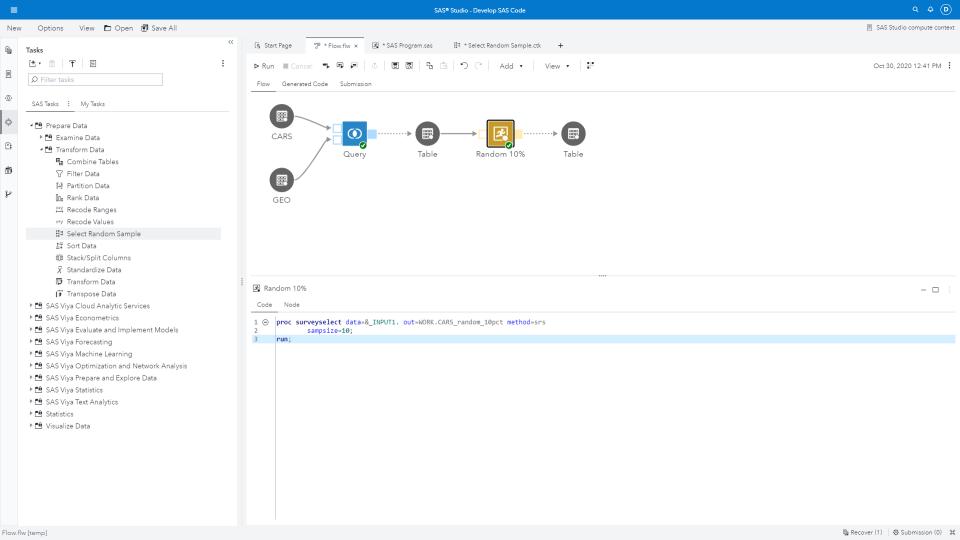


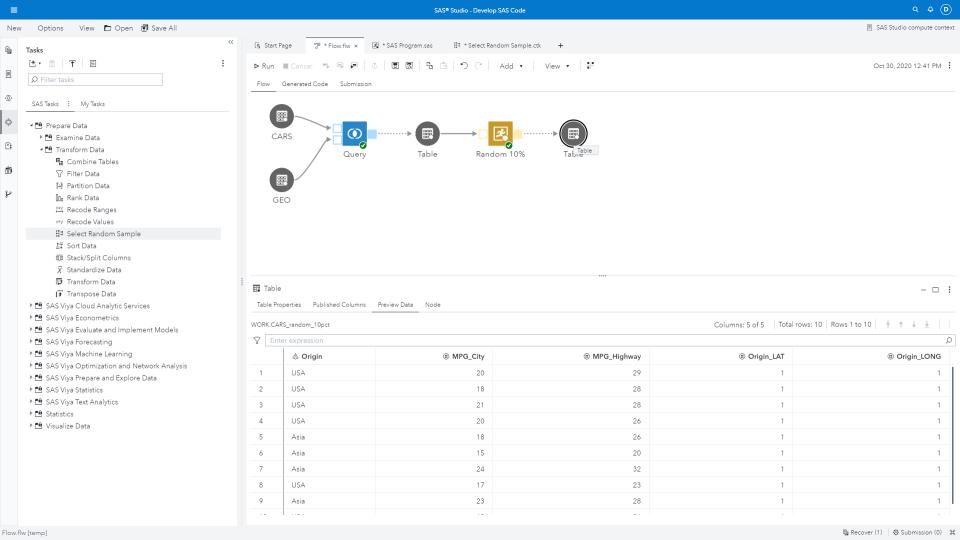












Thank You!

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