

SAS Roadmap

Heino Rust

17. September 2020



Released

- sas-admin CLI plug-ins
To support Viya 3.5
 - sas-admin remains available from sas.com's Demos and Downloads page
 - Plug-ins remain available via sas-admin plugins install command

Now

- SAS Cloud experience
Private Preview 2020.0.x
- SAS Cloud experience
Public Preview 2020.0.x
- Containerized SAS Viya components
2020.1 / 2020.1.1
- Native Kubernetes experience on Azure AKS
2020.1 / 2020.1.1
- Native support for Azure AD, Azure DB for PostgreSQL
2020.1 / 2020.1.1

Next

- Viya supported on Amazon Web Services (AWS)
2021.1 / 2021.1.1
- Viya supported on Google Cloud Platform (GCP)
2021.1 / 2021.1.1
- Viya supported on Red Hat OpenShift
2021.1 / 2021.1.1
- Viya supported on other platforms (VMware Tanzu, HPE Container Platform)
2021.1 / 2021.1.1
- Kerberos support
2021.1

Future

- Additional support for commodity services on cloud providers
- Additional security enhancements for improved FIPS, FedRAMP compliance
- Integrated services with Azure ML and Azure Synapse
- SAS services integrated in Microsoft Power Platform
- LTS release 2021.2
- Additional security enhancements for compliance
- Support for Azure Arc, Google Anthos



SAS Viya

Now

- SAS Cloud experience (pre-GA)
 - Private preview of standard Viya bundles for customer feedback from SAS-selected customers
 - Public preview of standard Viya bundles for any customer that opts in
- SAS Viya delivered with containerized components on Azure
 - Native Kubernetes support on Azure AKS
 - Supports Azure AD, Azure DB for PostgreSQL, connections to Azure data sources
 - Continuous delivery of regular monthly stable updates
- SAS Cloud experience
 - SAS-hosted Managed Services, available on SAS Cloud running on Azure
 - Remote Managed Services, SAS-managed on customer's Azure tenant



SAS Viya

Next

- SAS Cloud experience
 - SAS Viya bundles available via software-as-a-service on SAS Cloud running in Azure
- SAS Viya delivered with containerized components on Amazon Web Services
 - Native Kubernetes support on Amazon EKS
 - Supports AWS IAM, Azure RDS PostgreSQL
- SAS Viya delivered with containerized components Google Cloud Platform
 - Native Kubernetes support on Google Cloud GKE
 - Supports GCP Cloud IAM, GCP Cloud SQL for PostgreSQL
- SAS Viya supported on Red Hat OpenShift (on VMware, OpenStack, Azure, AWS, GCP)
- SAS Viya supported on other Kubernetes platforms (VMware Tanzu, HPE Container Platform)
- Kerberos support for secured connections from Viya



SAS Viya

Future

- SAS Viya LTS release 2021.1
- Additional support for commodity services on cloud providers
- Additional security enhancements for improved FIPS, FedRAMP compliance
- Integrated services with Azure ML and Azure Synapse
- SAS services integrated in Microsoft Power Platform
- SAS Viya LTS release 2021.2
- Additional security enhancements for compliance
- Support for Azure Arc, Google Anthos



SAS Viya

SAS 9.4 Platform

Product Themes

- 
- 1 Security** – Striving for “secure by default”
 - 2 Modernized Libraries** – Updates to third party libraries and dependencies
 - 3 Maintenance** – Combine hotfixes and upgrades for improved customer experience

Released

- SAS 9.4 Security Updates
9.4-2019Q2Sec
 - Security updates include patched or new versions of key third-party libraries that have notable CVE scores.

Now

- SAS 9.4 Maintenance
SAS 9.4M7

Next

- Quarterly Security Updates
9.4-Q4Sec

Future

- SAS 9.4 Maintenance



Now

- SAS 9.4 M7 (Maintenance Release)
 - Roll-up of all platform hot-fixes
 - Updated operating environments:
 - Support added for RHEL 8 and Oracle 8 Linux
 - Added SELinux support
 - Support added for Microsoft Edge on Chromium (browser support)
 - Upgraded VMware tcServer 3.2.15, Apache Tomcat 8.5.40
 - Upgraded Platform Web Services 10.1 and LSF 12.1 (for SAS Grid)
 - Upgraded SAS Private Java Runtime Environment (JRE) to 1.8.0_252 (and equivalents)
 - Removed support for Windows 7, Windows Server 2008, Windows Server 2008R2



SAS Viya

Adobe Flash Removal



Completion of a multi year effort to remove Adobe Flash dependencies from over 70 SAS products and solutions

SAS products and solutions with Flash dependencies have been:

- Replaced with SAS Viya offerings
- Replaced with CI360 offerings
- Updated with HTML 5 User Interfaces

A few SAS products are no longer available, and their functionality replaced with other products and solutions

Improving the Upgrade in Place customer experience



SAS 9.4M7 delivers the culmination of a SAS-wide initiative to identify, analyze, and correct the root causes of reported issues with the SAS Upgrade in Place process.

- Addressed high frequency Upgrade in Place root causes
- Created and included the **System Evaluation application** in the [SAS Content Assessment tool](#) download
- Improved documentation
- Improved the SAS Deployment process

Now is the time to upgrade to M7

- Secure
- Up to date
- Stable
- Flash removed
- Easier upgrade process
- Maximize support timeline

