

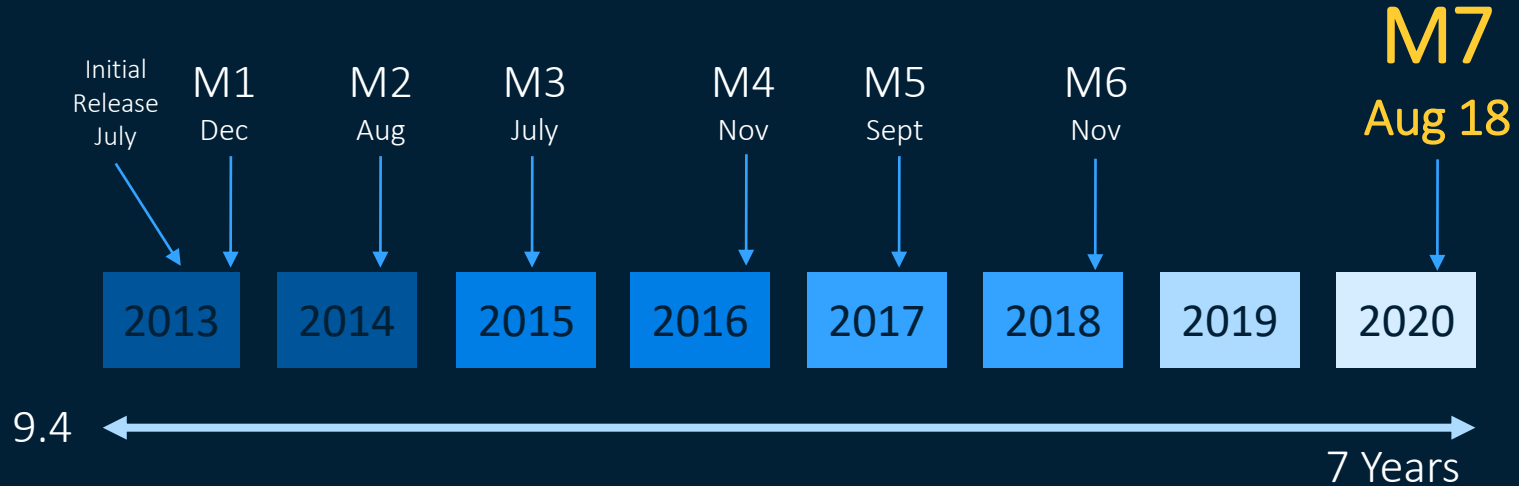


What's New in SAS 9.4 M7

August 2020



9.4 Timeline



SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



Addressing security vulnerabilities



Fixes for vulnerabilities identified during National Institute of Standards and Technologies Common Vulnerabilities and Exposures (NIST CVE) testing as well as customer and SAS identified security issues

New support for Windows Defender Credential Guard Support

Updates to Third Party Components

SAS Security Updates and Hot Fixes



Available from the [Security Bulletins](#) section of the [SAS Support Downloads](#) site

SAS delivers periodic updates to address third-party security vulnerabilities within the SAS product suite

Includes updates for CVE's reported against 3rd party components

SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



Updating supported
Operating Systems



Red Hat Enterprise Linux 8

SELinux Enforcing for Red Hat Enterprise
Linux 8

Oracle Linux 8

Microsoft Edge on Chromium

SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



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

SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



Hot-Fix and Bug Fix



Incorporates over **125** enhancements and fixes released since the November 2018 9.4 M6 release

Addresses approximately **200** reported platform bugs and enhancement requests

Product and Solution
Enhancements shipping
with 9.4M7



Product and Solution hotfixes, bug fixes and enhancements for ~70 SAS offerings

- SAS Analytics – 10 offerings
- Data Management and Access – 42 offerings
- Visualization – 12 offerings
- Decision Management – 4 offerings
- Risk – 2 offerings

Product Enhancements

SAS Analytics



SAS Analytics

SAS Forecast Studio authentication using Integrated Windows Authentication (IWA) when Windows Defender Credential Guard is enabled.

Client application download and install for:

- SAS Forecast Studio
- SAS Forecast Project Manager
- SAS Time Series Studio
- SAS Enterprise Miner

Product Enhancements
SAS Data Management



SAS Data Management

Data Integration Library designers for JDBC, JSON, Spark, Snowflake, Salesforce.com, Google BigQuery, MongoDB and Yellowbrick

10 new Metadata Bridges

New SAS/ACCESS Interface for

- MongoDB
- Salesforce – + Support for Proxy
- Spark – Linux only
- Yellowbrick
- SAS In-Database Technologies for Spark – (CDH 5.x, 6.x, HDP 2.x, 3.x, MapR 5.x, 6.x, AWS EMR 5.x, CDP.7.1 (on prem))

Product Enhancements

SAS Decision Management



SAS Decision Management

Decision Manager

- Simplified rule set editor
- Inventory category view to import, export, and manage

Model Manager

- SAS Management Console to create data libraries and register tables
- Manage Folders feature to create and manage folders within Models, Projects, and Portfolios

Business Rules Manager

- Simplified rule set editor

SAS 9.4M7

- Security Enhancements
- Operating System Support
- Flash Removal
- Hot-Fix, Bug Fix and product/solution enhancements
- Upgrade in Place



Improving the Upgrade in Place customer experience



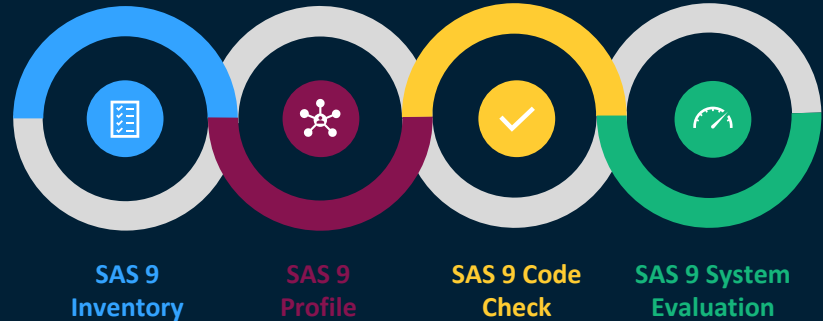
SAS 9.4M7 delivers the culmination of a SAS-wide initiative to identify, analyze, and correct the root causes of reported issues with the SAS Upgrade in Place process.

- 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

Improving the update in
place customer
experience



The SAS 9 Content Assessment helps
organizations understand the state of their
SAS 9.4 systems.



The SAS 9 System Evaluation analyzes SAS 9.4
system and configuration details to identify
known deployment issues

So they can be remediated with Tech Support
Deployment Specialists

Now is the time to upgrade to M7

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



A series of horizontal bars of varying lengths and colors (teal, blue, green) on the left side of the slide, creating a decorative pattern.

Questions?