Erfaringer med M8

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9.4 M8

Support

SAS® Software Release	Standard Support	Limited Support	Notes
SAS®Viya® 3.5 and earlier	X		SAS Viya 3.x products released before January 2020 are under a five-year grace period for Standard Support, starting on January 1, 2020.
SAS® 9.4	X		SAS 9.4M8 (TS1M8) generally available January 2023 SAS 9.4M7 (TS1M7) generally available August 2020 SAS 9.4M6 (TS1M6) generally available November 2018 SAS 9.4M5 (TS1M5) generally available September 2017 SAS 9.4M4 (TS1M4) generally available November 2016 SAS 9.4M3 (TS1M3) generally available July 2015 SAS 9.4M2 (TS1M2) generally available August 2014 SAS 9.4M1 (TS1M1) generally available December 2013 SAS 9.4M0 (TS1M0) generally available July 2013 SAS 9.4 is under a five-year grace period for Standard Support, starting on January 1, 2020. This five-year grace period applies to SAS 9.4M6 and earlier SAS 9.4 releases, which were released before 2020. Note that SAS 9.4M7 and later SAS 9.4 releases follow the Standard Support policy, which states that support is based on a product's General Availability release date, and it has a time limit of five years from that date. **Note:** SAS moved products that rely on Adobe Flash components to Limited Support on December 31, 2020.

Kilde: https://support.sas.com/en/technical-support/services-policies.html#non-current
Support levels produktopdelt: https://support.sas.com/en/technical-support/support-levels.html

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9.4 M8
Opgradering

- Planlæg
  - Overvejelser om Hardware, OS Versioner, SAS produkter, opgraderingsstrategi mm.
    - https://communities.sas.com/t5/SAS-Communities-Library/Considerations-for-Updating-to-SAS-9-4-M8/ta-p/858349
  - Kør Content Assessment Tool inden upgrade
  - Læs What's New in SAS 9.4 Guide to Software Updates (her kan ses hvilke produkter der er released til M8 og også hvilke der er retired):
    - https://go.documentation.sas.com/doc/en/pgmsascdc/9.4_3.5/whatsdiff/upgradeswhatsnew94.htm
- Hvis Upgrade in place (UIP)
  - Hvis der er udgåede produkter skal de afkonfigureres https://go.documentation.sas.com/doc/en/pgmsascdc/9.4_3.5/whatsdiff/p0rnmms86wf7b0n1682c6c54kl7x.htm
  - Udfør UIP
  - Efter UIP
    - Uninstall retired products
    - Clean up old backup history
  - Upgrade postgres database https://go.documentation.sas.com/doc/en/pgmsascdc/9.4_3.5/whatsdiff/p1bqjvln7zpemnn1mvstcx8q7u6b.htm
- Hvis SMU
  - Husk Java 11 skal være supporteret på det gamle miljø

Erfaringer

- Nye installationer – Som tidligere versioner ☺
  - [System requirements](#)
  - [Supported operating systems](#)

- SMU – Næsten som tidligere versioner ☺
  - Husk M8 versionen af smu værktøjet kræver java 11
  - Identificerer selv f.eks. Information Delivery Portal og ekskluderer den fra SMU pakken

- UIP – Som tidligere versioner hvis software findes til M8 ☺
  - Eksempel

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Eksempel

Før UIP

- Eksisterende 9.4 M7 på Windows 10

- Betingelserne for UIP er opfyldt

- Content Assessment:

Searching for any retired products that require SAS Technical Support assessment	✓ Success			
Checking for the existence of SAS Federation Server Manager 4.1	✓ Success			

- Ingen produkter skal afkonfigureres ☺

SAS

Eksempel

UIP

- Bestilling og download af ny ordre
- Stop alt SAS
- Backup af bade sashome og config mapper
- Kør "Upgrade in place" af sashome
- Start metadata server og web infrastructure platform data server
- Upgrade existing configuration

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Eksempel

Post - UIP

- Stop SAS

- Upgrade postgre

```
C:\>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4\bin\postgres.exe" --version
postgres (PostgreSQL) 12.11
```

```
c:\>"C:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4\bin\psql" -h localhost -p 9432 -U dbmsowner -W
-d postgres -c "select version()"
Password:
                          version
---------------------------------------------------------------
 PostgreSQL 12.11, compiled by Visual C++ build 1914, 64-bit
(1 row)
```

```
C:\>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4\bin\postgres.exe" --version
postgres (PostgreSQL) 14.7

C:\>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4_PREVIOUS\bin\postgres.exe" --version
postgres (PostgreSQL) 14.5

C:\>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4_PREVIOUS_2023-05-22-15.13.03\bin\postgres.exe"
--version
postgres (PostgreSQL) 12.3

C:\>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer\9.4_PREVIOUS_2023-05-22-15.13.25\bin\postgres.exe"
--version
postgres (PostgreSQL) 12.11
```

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Eksempel

Post UIP

- Find den "rigtige" previous backup og omdøb så den hedder 9.4_PREVIOUS

```
c:\Program Files\SASHome\SASWebInfrastructurePlatformDataServer>"c:\Program Files\SASHome\SASWebInfrastructurePlatformDa
taServer\9.4_PREVIOUS\bin\postgres.exe" --version
postgres (PostgreSQL) 12.11
```

- Start metadata serveren

- Kør upgrade script

- Bemærk at brugeren der kører upgrade scriptet ikke må være elevated, men skal have skriveret til både log bibloteket under scripts mappen og ..\sas\config\Lev1\WebInfrastructurePlatformDataServer

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Eksempel
Post Installation/UIP

- Check hotfixes – SASHFAdd præcis som i tidligere maintenance releases ☺
- På windows: Check startup type på services og tilpas hvis nødvendigt
- Check og tilpas start/stop scripts hvis nødvendigt
- Check og tilpas cleanlogs script hvis nødvendigt
- Start SAS

SAS