FANS – Migrering til SAS Viya

Devops og test-automatisering for å effektivisere og validere migrering til SAS Viya

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9. Februar Oslo

CICD for å effektivisere og validere migrering til SAS Viya

Environment – support migration automation
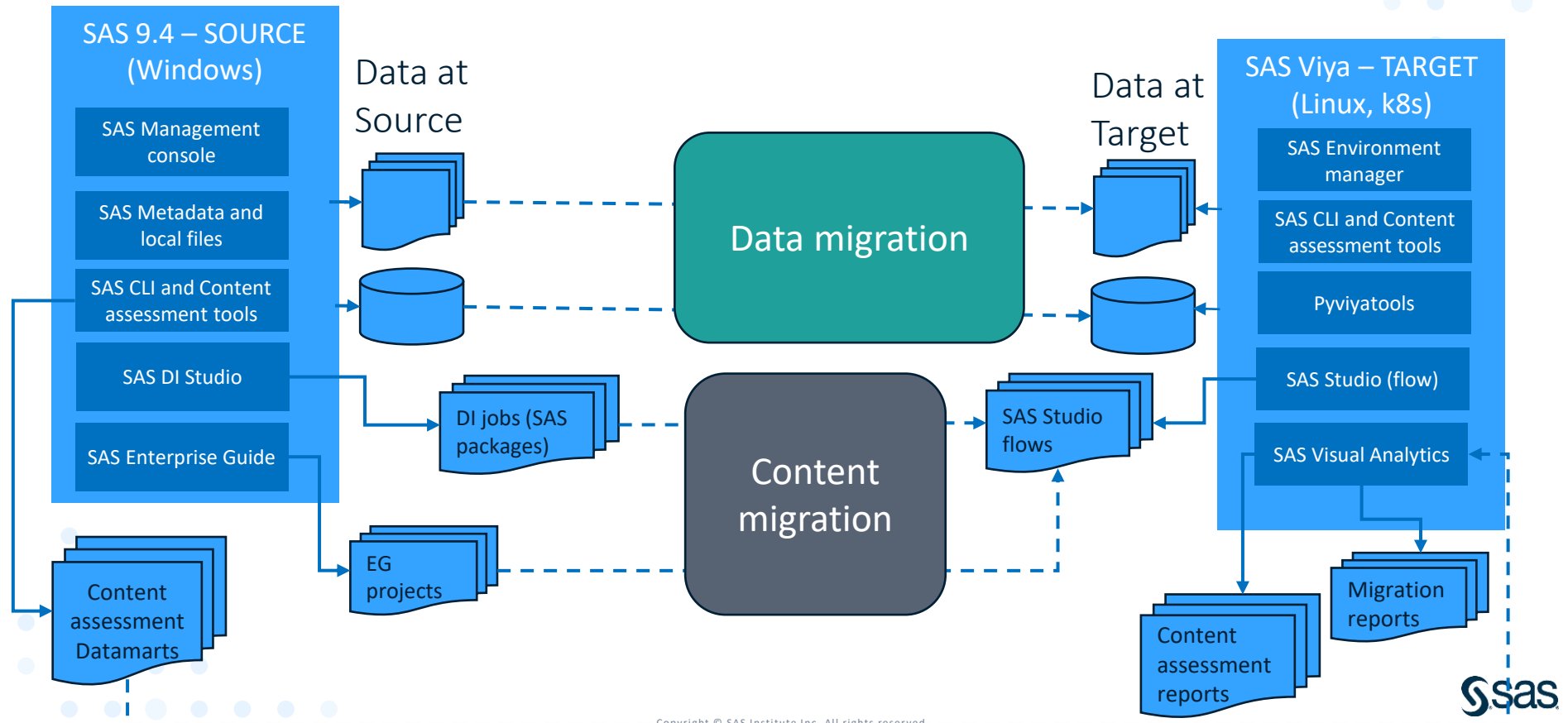
Export – prepare import

Import – prepare validation

Validation

Migration from SAS 9.4 to SAS Viya – what and how, what do we need?

Why automate and what to automate?

Feel free to share and add thoughts

Why?

- Save time and effort
- Accuracy
- Validation
- It is possible (and simple once you have figured out how)

What to automate?

- Stuff we are likely to do often
- Stuff we want to be done exactly the same way each time
- Report / visualize outcome
- Assessing outcome of validation (automate decision making)
- Stuff that is easy / possible to automate

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Migration using CICD to automate
(show and tell)

SAS 9.4 – SOURCE (Windows)
- SAS Management console
- SAS Metadata and local files
- SAS CLI and Content assessment tools
- GitLab Runner
- Local repo (git)

Data at Source

Migrate data explicitly – with SAS tools or other tools

Data at Target

SAS Viya – TARGET (Linux, k8s)
- SAS Environment manager
- SAS Viya CLI and REST
- Pyviyatools
- Content assessment and migration reports
- GitLab Runner
- Local repo (git)

EG Projects
SAS Packages

CI/CD pipeline

Repo

GitLab SaaS (on-prem will also work)

Import
Validate

EG Projects
SAS Packages
Fixed Studio flows

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