SAS® 9 Content Assessment & SAS Support News

Gernot Engel - Customer Success

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SAS® 9 Content Assessment

Kostenfreie Programmsammlung, die hilft Migrationsrisken und Aufwände zu minimieren.

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Wann sollte SAS 9 Content Assessment verwendet werden?

Benefits	SAS 9.4 Upgrade in Place	New Hardware or Set Up a New SAS 9.4 Environment	Move from SAS 9.4 to SAS Viya	Monitor a SAS 9 System
Provide a comprehensive view of content on SAS 9.4 system	✓	✓	✓	✓
Understand the details of what exists on your SAS 9.4 system so that you can plan for your SAS Viya migration		✓	✓	✓
Understand the compatibility of your existing SAS 9.4 programs in SAS Viya			✓	
Determine issues before upgrading so that they can be addressed with SAS Technical Support	✓	✓		✓

SAS 9 Inventory

SAS 9 Profile

SAS 9 Code Check

SAS 9 System Evaluation

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Was wird im SAS 9 Assessment (Profil Step) untersucht?

Scans the details of attributes – including levels, hierarchies, engine types

Content produced by SAS products in the SAS Metadata Server

- SAS libraries and tables
- SAS stored processes, SAS prompts, and SAS prompt groups
- SAS Data Integration jobs, transformations, and generated transforms
- SAS Enterprise Guide projects, transformations – Code
- SAS Enterprise Miner projects – Code
- SAS information maps and SAS OLAP cubes
- SAS Web Report Studio and SAS Visual Analytics reports (SAS9)

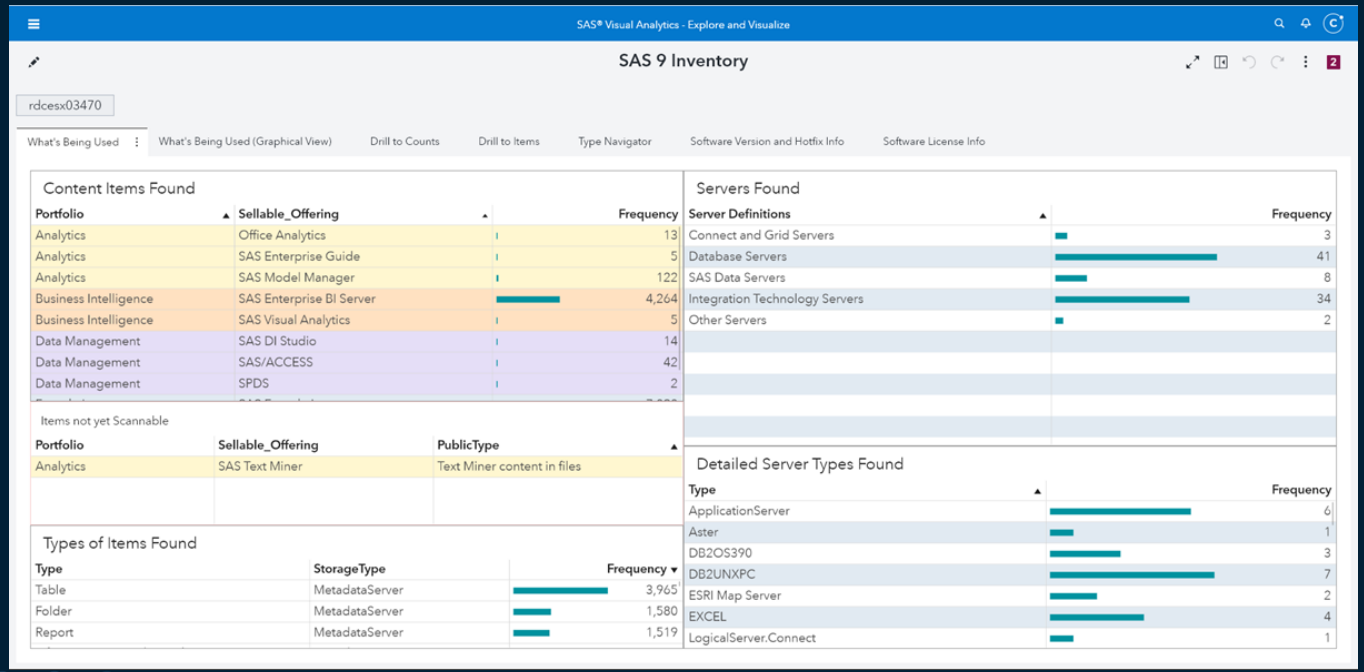
Content produced by SAS products on the SAS Content Server,
Various other SAS artifacts

This application can be run as needed on multiple SAS deployments (SAS9.4 M6+)

It creates a data mart for each SAS deployment that is inventoried.

SAS 9 Inventory:

SAS 9 Inventory zählt Artefakte und Inhalte auf Ihrem SAS 9.4-System.



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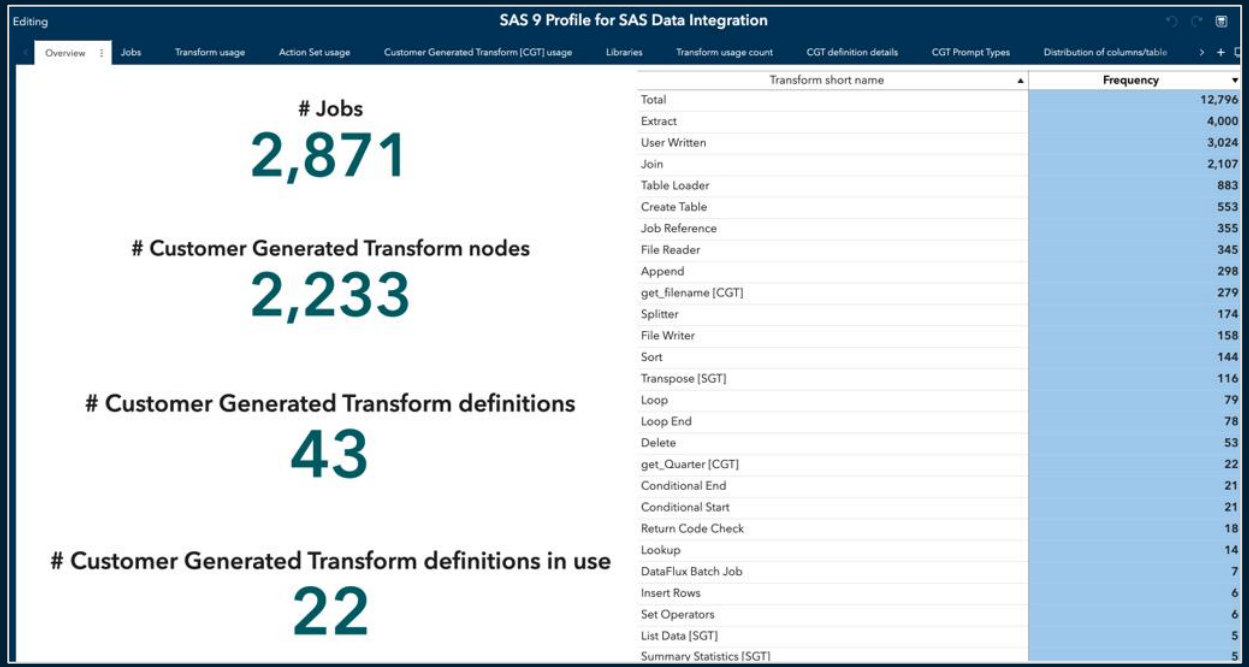
SAS 9 Profile

SAS 9 Profile taucht tiefer ein und befasst sich mit den Details Ihrer SAS-Artefakte.



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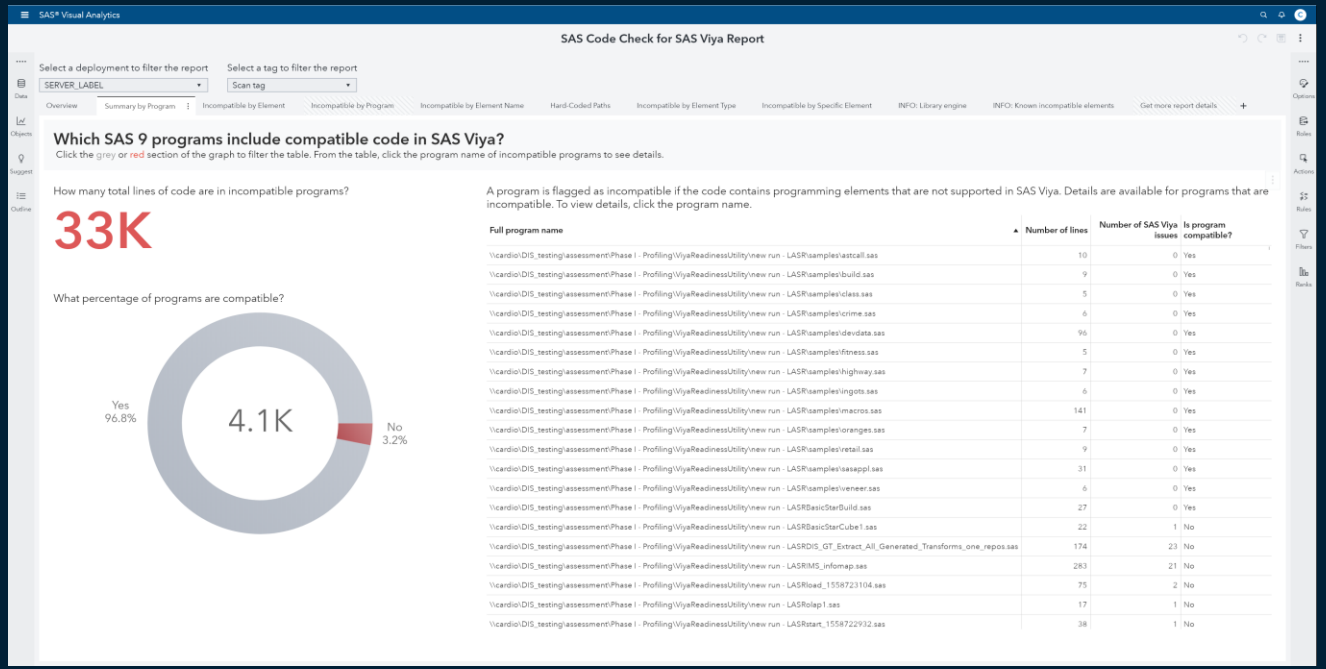
SAS 9 Code Check:

Untersucht alle SAS-Programme ob sie ohne Änderungen in der SAS SPRE Engine in Viya lauffähig sind.



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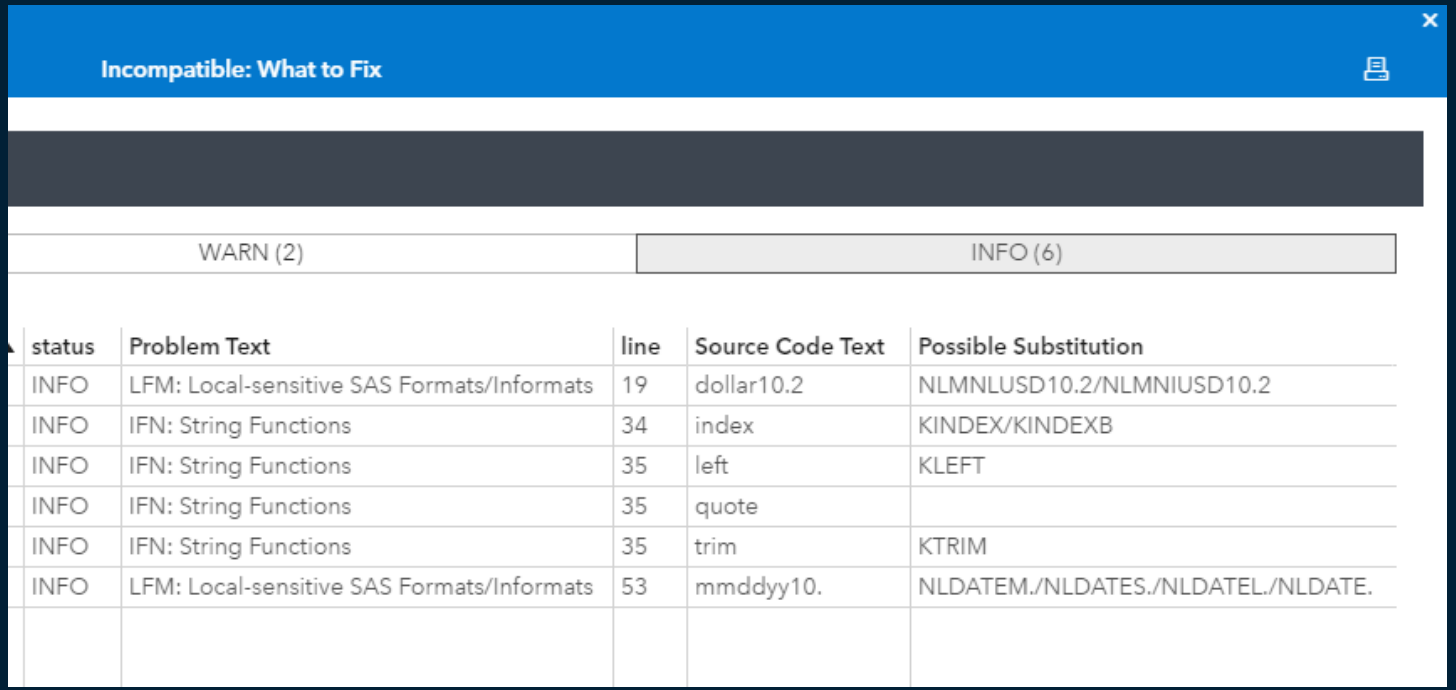
SAS 9 Code check for Internationalization:

Ist der Code, der in Ihren SAS-Dateien verwendet wird,kompatibel mit der UTF-8-Codierung in SAS Viya



Incompatible: What to Fix

WARN (2) | INFO (6)

status	Problem Text	line	Source Code Text	Possible Substitution
INFO	LFM: Local-sensitive SAS Formats/Informats	19	dollar10.2	NLMNLUSD10.2/NLMNIUSD10.2
INFO	IFN: String Functions	34	index	KINDEX/KINDEXB
INFO	IFN: String Functions	35	left	KLEFT
INFO	IFN: String Functions	35	quote	
INFO	IFN: String Functions	35	trim	KTRIM
INFO	LFM: Local-sensitive SAS Formats/Informats	53	mmddyy10.	NLDATEM./NLDATES./NLDATEL./NLDATE.

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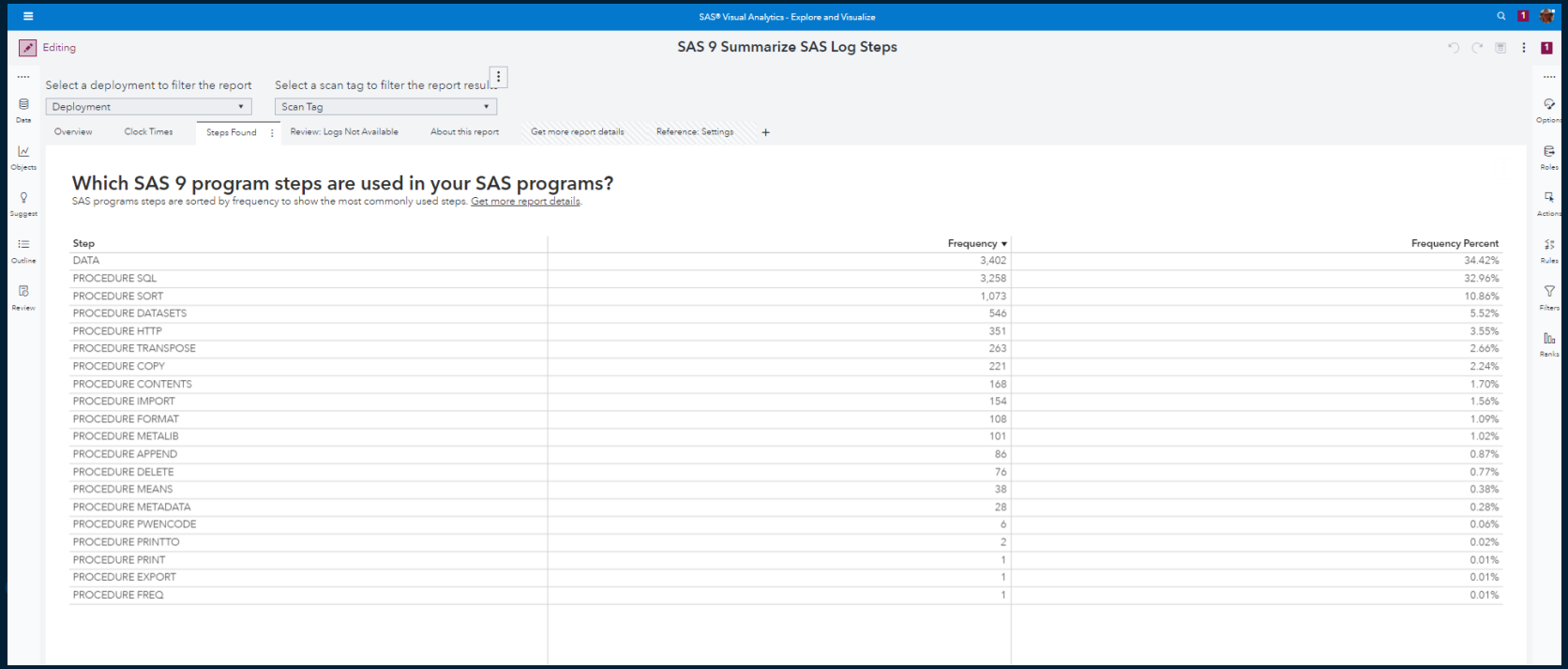
SAS 9 Summarize SAS Log Steps

Analysiert SAS 9-Batch-Server-, Speicherprozessserver- und Workspace-Server-Logs

Welche Prozeduren wurden verwendet ? Gibt es Langläufer?



Step	Frequency	Frequency Percent
DATA	3,402	34.42%
PROCEDURE SQL	3,258	32.96%
PROCEDURE SORT	1,073	10.86%
PROCEDURE DATASETS	546	5.52%
PROCEDURE HTTP	351	3.55%
PROCEDURE TRANSPOSE	263	2.66%
PROCEDURE COPY	221	2.24%
PROCEDURE CONTENTS	168	1.70%
PROCEDURE IMPORT	154	1.56%
PROCEDURE FORMAT	108	1.09%
PROCEDURE METALIB	101	1.02%
PROCEDURE APPEND	86	0.87%
PROCEDURE DELETE	76	0.77%
PROCEDURE MEANS	38	0.38%
PROCEDURE METADATA	28	0.28%
PROCEDURE PWENCODE	6	0.06%
PROCEDURE PRINTTO	2	0.02%
PROCEDURE PRINT	1	0.01%
PROCEDURE EXPORT	1	0.01%
PROCEDURE FREQ	1	0.01%

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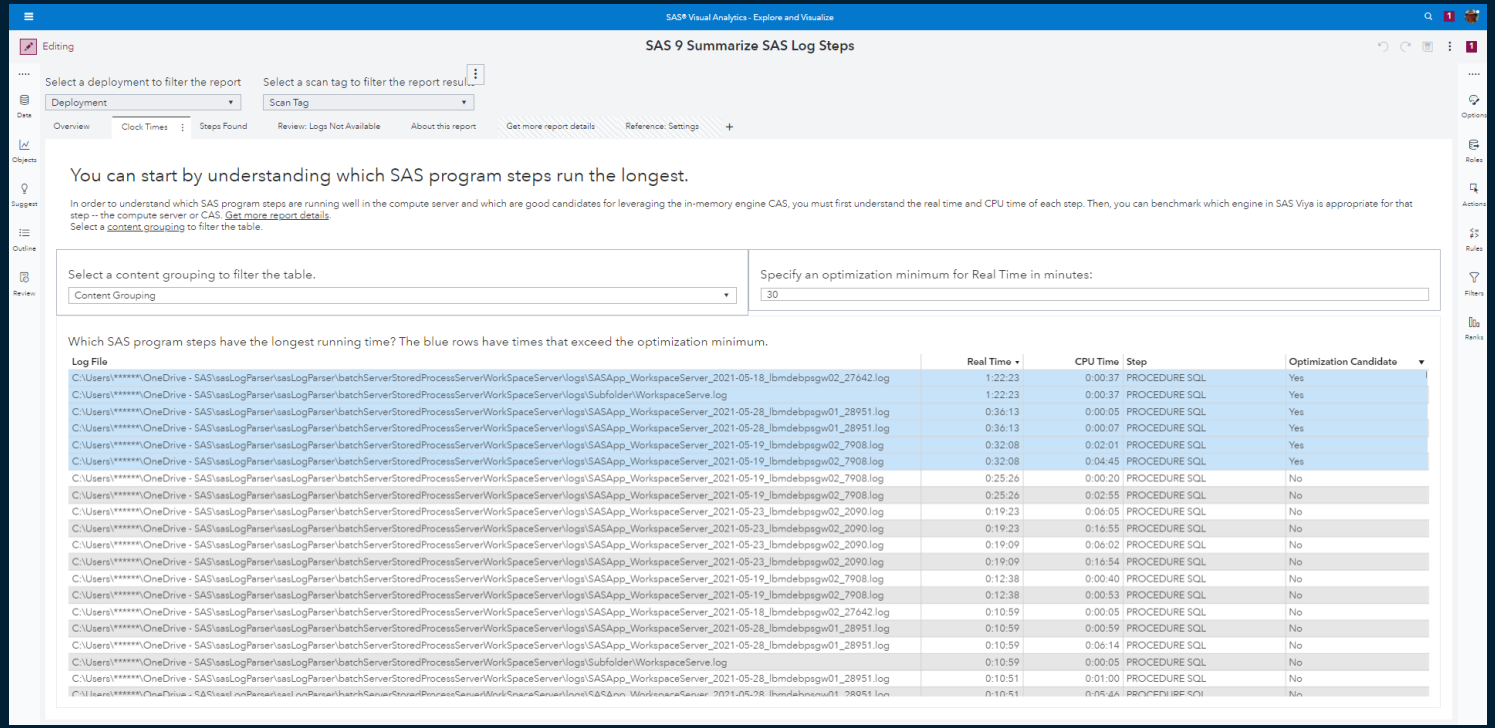

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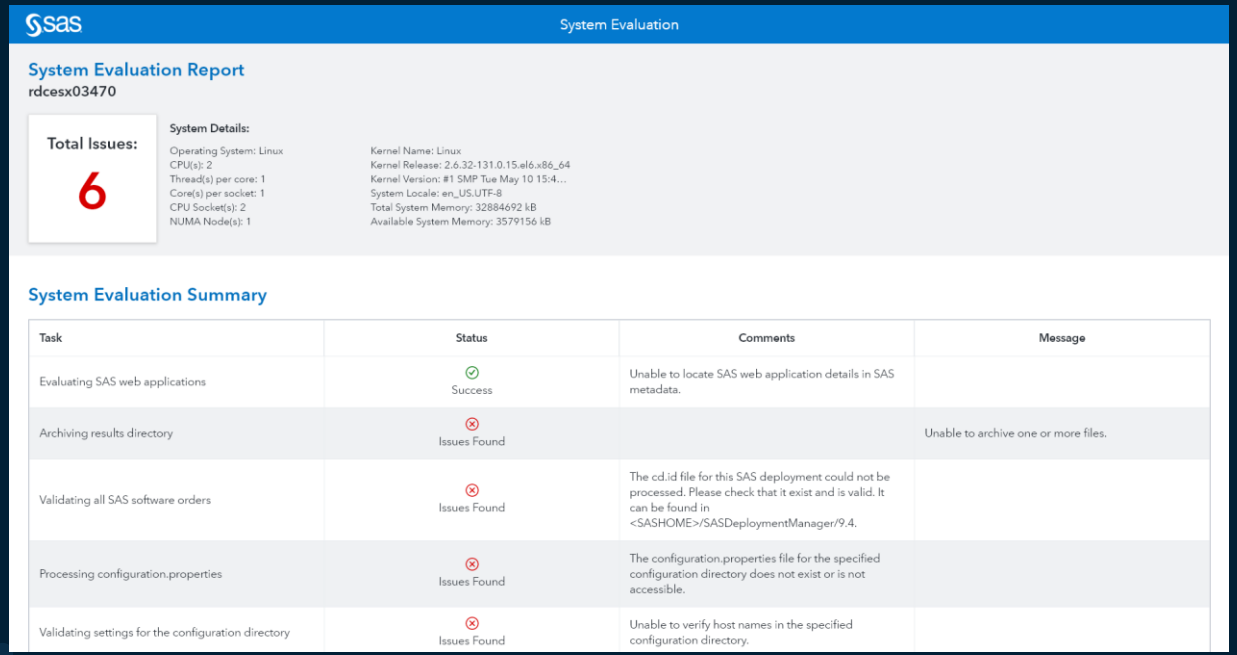
SAS 9 System Evaluation:

SAS 9 System Evaluation sucht nach möglichen Problemen, die sich negativ auf ein Upgrade von SAS 9.4 auswirken könnten.



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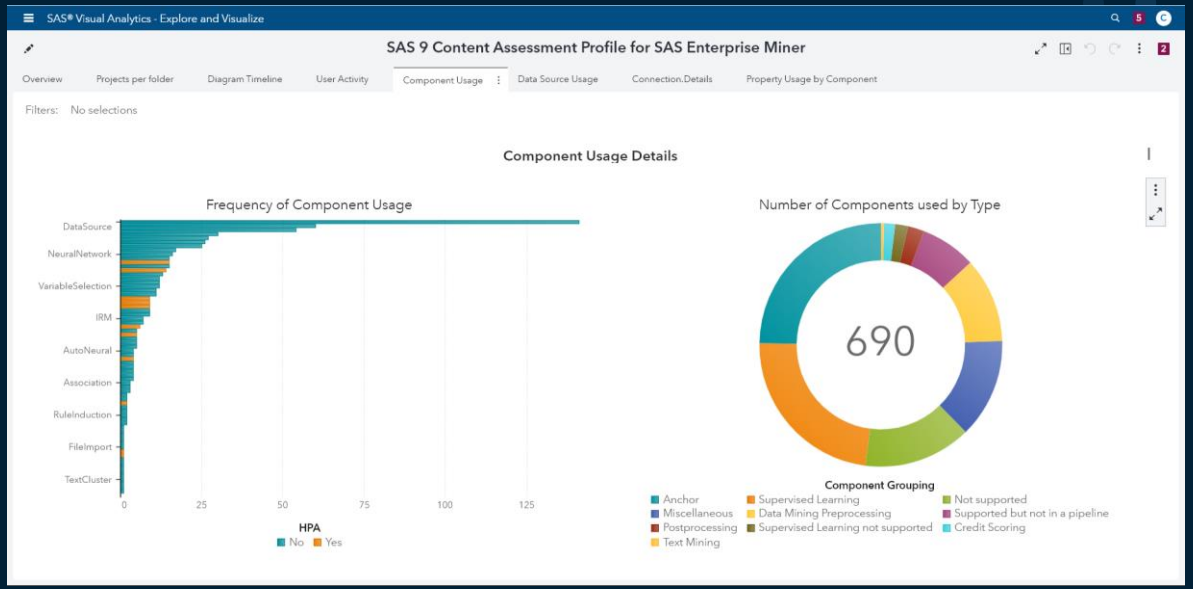
SAS 9 Content Assessment Tool Reporting

Assessment Resultates werden in einem datamart – datasets publiziert. Zusätzlich sind VA sample reports verfügbar; kompatibel zu
VA 7.5 oder VA 8.3+



> >Wenn sie keine passende VA Umgebung verfügbar haben, helfen wir ihnen kostenfrei und stellen ihnen die Resultate auf einem SAS Viya Server inkl. Zugang zur Verfügung.

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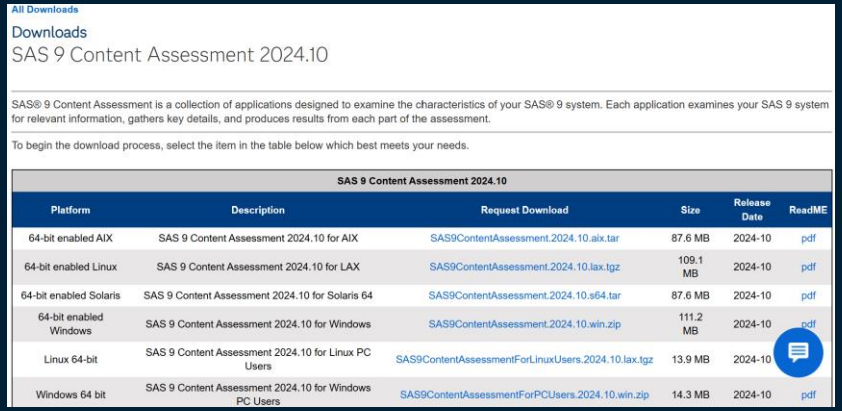
SAS Content Assessment & Modernisierungen

SAS Content Assessment tool
download & check für neue updates (monatlich)
Download von SAS support:

SAS Content Assessment – der Experte:
- Hilfe bei Setup
- Analyse der Ergebnisse

Günter Greulich



All Downloads

Downloads

SAS 9 Content Assessment 2024.10

SAS® 9 Content Assessment is a collection of applications designed to examine the characteristics of your SAS® 9 system. Each application examines your SAS 9 system for relevant information, gathers key details, and produces results from each part of the assessment.

To begin the download process, select the item in the table below which best meets your needs.

SAS 9 Content Assessment 2024.10

Platform	Description	Request Download	Size	Release Date	ReadME
64-bit enabled AIX	SAS 9 Content Assessment 2024.10 for AIX	SAS9ContentAssessment.2024.10.aix.tar	87.6 MB	2024-10	pdf
64-bit enabled Linux	SAS 9 Content Assessment 2024.10 for LAX	SAS9ContentAssessment.2024.10.lax.tgz	109.1 MB	2024-10	pdf
64-bit enabled Solaris	SAS 9 Content Assessment 2024.10 for Solaris 64	SAS9ContentAssessment.2024.10.s64.tar	87.6 MB	2024-10	pdf
64-bit enabled Windows	SAS 9 Content Assessment 2024.10 for Windows	SAS9ContentAssessment.2024.10.win.zip	111.2 MB	2024-10	pdf
Linux 64-bit	SAS 9 Content Assessment 2024.10 for Linux PC Users	SAS9ContentAssessmentForLinuxUsers.2024.10.lax.tgz	13.9 MB	2024-10	pdf
Windows 64 bit	SAS 9 Content Assessment 2024.10 for Windows PC Users	SAS9ContentAssessmentForPCUsers.2024.10.win.zip	14.3 MB	2024-10	pdf

SAS Modernisierungsberatung : (SAS Consulting)

- SAS Data Migration Service
- SAS Nutzung nach usage (Enterprise session monitor)
- SAS Migration Assessment Service
- Architektur Planung
- Projekt Planung & Umsetzung
  Plan- Deploy-Migrate-Adopt Konzept

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SAS Support news:

Support Status ihrer SAS Produkte – Lösungen prüfen:

SAS Support levels :support levels per product:

SAS Technical Support

Knowledge ▾ Maintenance ▾ Support Services ▾

Base SAS

Version	Suite	Current Support Level	Release Date	Support Level Change Date
9.4_M8	9.4	Standard	January 2023	February 2028
9.4_M7	9.4	Standard	August 2020	September 2025
9.4_M6	9.4	Standard	November 2018	February 2025
9.4_M5	9.4	Standard	September 2017	February 2025
9.4_M4	9.4	Standard	November 2016	February 2025
9.4_M3	9.4	Standard	July 2015	February 2025
9.4_M2	9.4	Standard	August 2014	February 2025
9.4_M1	9.4	Standard	December 2013	February 2025
9.4	9.4	Standard	July 2013	February 2025
9.3_M2	9.3	Limited	August 2012	February 2023
9.3_M1	9.3	Limited	December 2011	February 2023
9.3	9.3	Limited	July 2011	February 2023

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Standard Support für SAS Plattformen

Support Services and Policies | SAS Support

- **Standard Support**
  - Vollständiger Support, einschließlich ausgewählter Sicherheits- und Fehlerbehebungen (…). Dieser Support umfasst die Untersuchung aller eingereichten Supportanfragen und die Bereitstellung von Umgehungslösungen, wann immer dies möglich ist.
- **Limited Support**
  - für Produkte, die nicht aktualisiert werden. Gilt bis zum Auslaufen des Produkts und umfasst Fehlerbehebungen, sofern diese bereits verfügbar sind, sowie den Zugriff auf die Produktdokumentation und Selbsthilferessourcen.

- **Extended Technical Support Angebot** (individuell zu vereinbaren pro Umgebung)
  - Erhöhung der SLA's für ausgewählte Umgebungen, die unter Limited Support sind (Bsp. Migrationsprojekte die sich verzögern)

- **Standard Support je Plattform**
  - SAS 9.3: Standard support ist abgelaufen Ende 2022. Limited Support ist weiterhin verfügbar.
  - SAS 9.4: 9.4 M7 & M8 5jährige Standard Support Laufzeit ab Release Datum
  - SAS Viya 3.x: Standard support bis Ende Sept 2025 -> 3.5 standard support extension möglich mit order 24w44+

  (bis Oktober 2027) - support extensions Viya3.5 Details: Viya 3.5 support extension

  - SAS Viya on Kubernetes: 4 Monate für stable Releases; 2 Jahre für LTS Releases jeweils ab Erscheinungsdatum

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Fragen zu Content Assessment oder Moderniserungs - Supportthemen ?

Bitte jederzeit gerne auf mich oder SAS Sales Kollegen zukommen

Danke

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SAS® Migration Journey

Plan

SAS® Migration Assessment Service

Deploy

Installation & Configuration
Authentication & Identity Management
Authorization Implementation
Data Access Setup & Validation

Migrate & Modernize

Content Migration
Optimization
Operationalization

Adopt

User Acceptance Testing (UAT) Support
User & Admin Knowledge Transfer
Modernization Best Practices
Change Management

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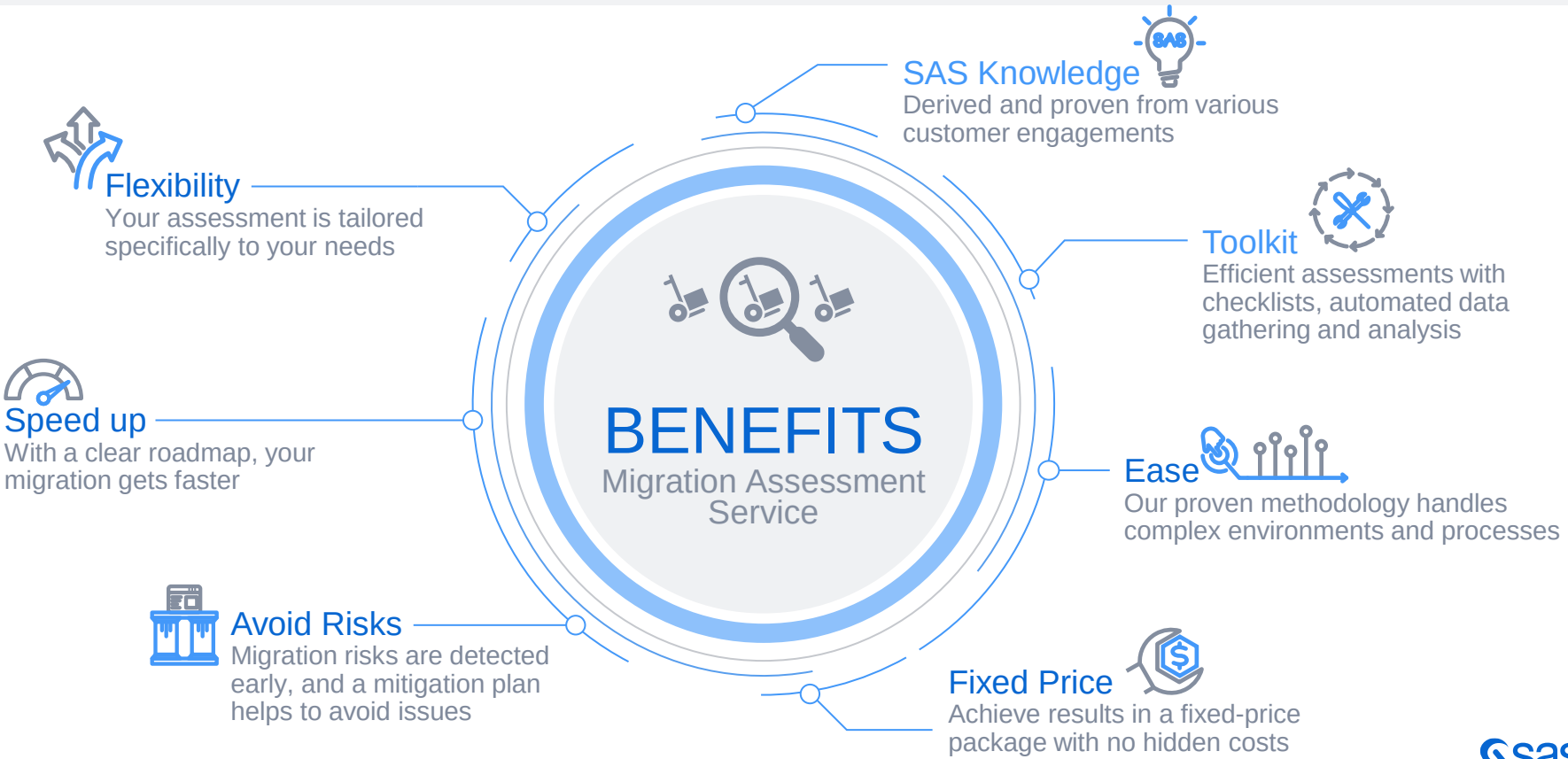
SAS® Migration Assessment Service



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Migration Path to Viya

Migration Phases

Phase 1 – High level Roadmap

Objective: Analyses, scope definition & rough estimate

Environment Audit

- Infrastructure Review
- Content Assessment
- Red Flag Analysis

Architecture Blueprint

- Target Architecture Definition
- Architecture Requirements

Migration Plan

- Rough Estimation
- Migration Roadmap (high level)

Phase 2 – Migration Details

Objective: Scope optimization & detailed migration plan

Migration Analysis

- Optimization Analysis
- Migration Path
  incl. Application Deep Dives, PoC & Prototyping

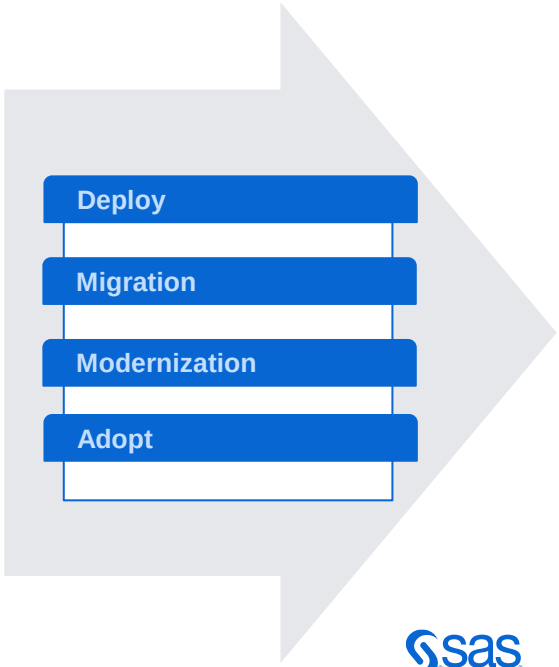
Architecture Blueprint

- Architecture Requirements (updates)

Migration Plan

- Migration & Modernization Roadmap (details)

Deploy, Migrate & Modernize, Adopt



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