



# SAS® 9 Content Assessment & SAS Support News

Gernot Engel - Customer Success

A photograph of a person's hand holding an open compass against a warm, golden sunset or sunrise background. The compass is gold-colored with a clear cover. The needle points towards the North (N).

# SAS® 9 Content Assessment

Kostenfreie  
Programmsammlung, die  
hilft Migrationsrisiken und  
Aufwände zu minimieren.

# 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
 SAS 9 Inventory	Provide a comprehensive view of content on SAS 9.4 system	✓	✓	✓
 SAS 9 Profile	Understand the details of what exists on your SAS 9.4 system so that you can plan for your SAS Viya migration	✓	✓	✓
 SAS 9 Code Check	Understand the compatibility of your existing SAS 9.4 programs in SAS Viya		✓	
 SAS 9 System Evaluation	Determine issues before upgrading so that they can be addressed with SAS Technical Support	✓	✓	✓

# 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.

SAS® Visual Analytics - Explore and Visualize

rncesx03470

What's Being Used    What's Being Used (Graphical View)    Drill to Counts    Drill to Items    Type Navigator    Software Version and Hotfix Info    Software License Info

### SAS 9 Inventory

Content Items Found

Portfolio	Sellable_Offering	Frequency
Analytics	Office Analytics	13
Analytics	SAS Enterprise Guide	5
Analytics	SAS Model Manager	122
Business Intelligence	SAS Enterprise BI Server	4,264
Business Intelligence	SAS Visual Analytics	5
Data Management	SAS DI Studio	14
Data Management	SAS/ACCESS	42
Data Management	SPDS	2

Items not yet Scannable

Portfolio	Sellable_Offering	PublicType
Analytics	SAS Text Miner	Text Miner content in files

Servers Found

Server Definitions	Frequency
Connect and Grid Servers	3
Database Servers	41
SAS Data Servers	8
Integration Technology Servers	34
Other Servers	2

Detailed Server Types Found

Type	Frequency
ApplicationServer	6
Aster	1
DB2OS390	3
DB2UNXPC	7
ESRI Map Server	2
EXCEL	4
LogicalServer.Connect	1

Types of Items Found

Type	StorageType	Frequency
Table	MetadataServer	3,965
Folder	MetadataServer	1,580
Report	MetadataServer	1,519



# SAS 9 Profile

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

Editing      **SAS 9 Profile for SAS Data Integration**

Overview    Jobs    Transform usage    Action Set usage    Customer Generated Transform (CGT) usage    Libraries    Transform usage count    CGT definition details    CGT Prompt Types    Distribution of columns/table > + □

**# Jobs**  
**2,871**

**# Customer Generated Transform nodes**  
**2,233**

**# Customer Generated Transform definitions**  
**43**

**# Customer Generated Transform definitions in use**  
**22**

Transform short name	Frequency
Total	12,796
Extract	4,000
User Written	3,024
Join	2,107
Table Loader	883
Create Table	553
Job Reference	355
File Reader	345
Append	298
get_filename [CGT]	279
Splitter	174
File Writer	158
Sort	144
Transpose [SGT]	116
Loop	79
Loop End	78
Delete	53
get_Quarter [CGT]	22
Conditional End	21
Conditional Start	21
Return Code Check	18
Lookup	14
DataFlux Batch Job	7
Insert Rows	6
Set Operators	6
List Data [SGT]	5
Summary Statistics [SGT]	5



# SAS 9 Code Check:

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

SAS® Visual Analytics

Select a deployment to filter the report Select a tag to filter the report

Scan tag SERVER\_LABEL

Overview Summary by Program Incompatible by Element Incompatible by Program Incompatible by Element Name Hard-Coded Paths Incompatible by Element Type Incompatible by Specific Element INFO: Library engine INFO: Known incompatible elements Get more report details +

### SAS Code Check for SAS Viya Report

Which SAS 9 programs include compatible code in SAS Viya?

Click the grey or red section of the graph to filter the table. From the table, click the program name of incompatible programs to see details.

How many total lines of code are in incompatible programs?

**33K**

What percentage of programs are compatible?

Yes 96.8% No 3.2%

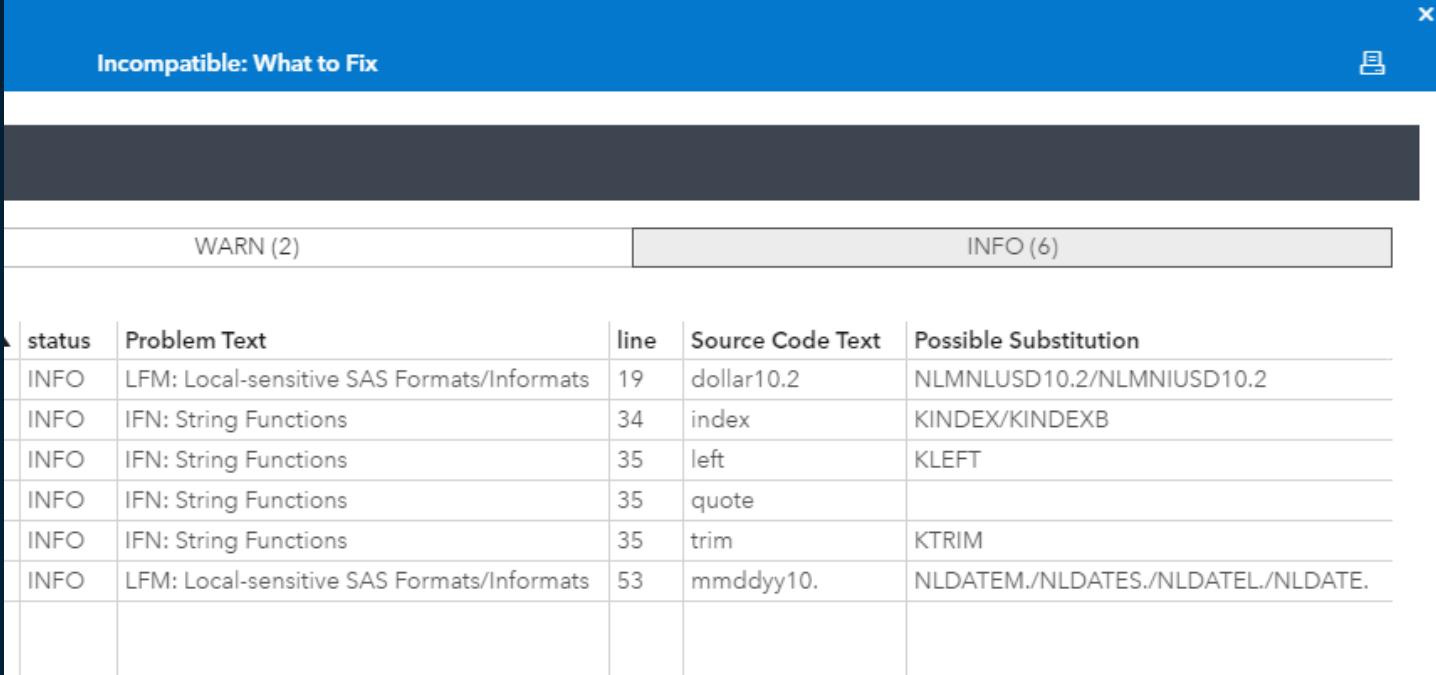
A program is flagged as incompatible if the code contains programming elements that are not supported in SAS Viya. Details are available for programs that are incompatible. To view details, click the program name.

Full program name	Number of lines	Number of SAS Viya issues	Is program compatible?
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\astcall.sas	10	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\build.sas	9	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\class.sas	5	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\crime.sas	6	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\devdata.sas	96	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\fitness.sas	5	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\highway.sas	7	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\ingots.sas	6	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\macros.sas	141	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\oranges.sas	7	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\retail.sas	9	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\seaspl.sas	31	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRisamples\veener.sas	6	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASBasicCarBuild.sas	27	0	Yes
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASBasicCarCube1.sas	22	1	No
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRDIS_GT_Extract_All_Generated_Transforms_one_repos.sas	174	23	No
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRMS_infomap.sas	283	21	No
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRload_1558723104.sas	75	2	No
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRole1.sas	17	1	No
\cardio\DIS_testing\assessment\Phase 1 - Profiling\ViyaReadinessUtility\new run - LASRestart_1558722932.sas	38	1	No

sas

# 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



The screenshot shows a software interface titled "Incompatible: What to Fix". At the top, there are tabs for "WARN (2)" and "INFO (6)". Below these tabs is a table with columns: "status", "Problem Text", "line", "Source Code Text", and "Possible Substitution". The table contains six rows of data.

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.

# SAS 9 Summarize SAS Log Steps

Analysiert SAS 9-Batch-Server-, Speicherprozessserver- und Workspace-Server-Logs  
Welche Prozeduren wurden verwendet ? Gibt es Langläufer?

The screenshot shows the SAS Visual Analytics interface with a report titled "SAS 9 Summarize SAS Log Steps". The report displays a list of SAS program steps sorted by frequency. The steps and their frequencies are as follows:

Step	Frequency	Frequency Percent
DATA	3,402	34.42%
PROCEDURE SQL	3,258	32.95%
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%

# SAS 9 Summarize SAS Log Steps

Analysiert SAS 9-Batch-Server-, Speicherprozessserver- und Workspace-Server-Logs  
Welche Prozeduren wurden verwendet ? Gibt es Langläufer?

SAS® Visual Analytics - Explore and Visualize

## SAS 9 Summarize SAS Log Steps

You can start by understanding which SAS program steps run the longest.

In order to understand which SAS program steps are running well in the compute server and which are good candidates for leveraging the in-memory engine CAS, you must first understand the real time and CPU time of each step. Then, you can benchmark which engine in SAS Viya is appropriate for that step – the compute server or CAS. [Get more report details](#)

Select a content grouping to filter the table.

Specify an optimization minimum for Real Time in minutes:

Log File	Real Time	CPU Time	Step	Optimization Candidate
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-18_lbmcdebpsgw02_27642.log	1:22:23	0:00:37	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\Subfolder\WorkSpaceService.log	1:22:23	0:00:37	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:36:13	0:00:05	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:36:13	0:00:07	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:32:08	0:02:01	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:32:08	0:04:45	PROCEDURE SQL	Yes
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:25:26	0:00:20	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:25:26	0:02:55	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-23_lbmcdebpsgw02_2090.log	0:19:23	0:06:05	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-23_lbmcdebpsgw02_2090.log	0:19:23	0:16:55	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-23_lbmcdebpsgw02_2090.log	0:19:09	0:06:02	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-23_lbmcdebpsgw02_2090.log	0:19:09	0:16:54	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:12:38	0:00:40	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-19_lbmcdebpsgw02_7908.log	0:12:38	0:00:53	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-18_lbmcdebpsgw02_27642.log	0:10:59	0:00:05	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:10:59	0:00:59	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:10:59	0:06:14	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\Subfolder\WorkSpaceService.log	0:10:59	0:00:05	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:10:51	0:01:00	PROCEDURE SQL	No
C:\Users\*****\OneDrive - SAS\sslLogParser\sslLogParser\batchServerStoredProcessServer\WorkSpaceServer\logs\SASApp_WorkspaceServer_2021-05-28_lbmcdebpsgw01_28951.log	0:10:41	0:09:44	PROCEDURE SQL	No



# SAS 9 System Evaluation:

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

**Sas** System Evaluation

**System Evaluation Report**  
rdcesx03470

**Total Issues:** 6

**System Details:**

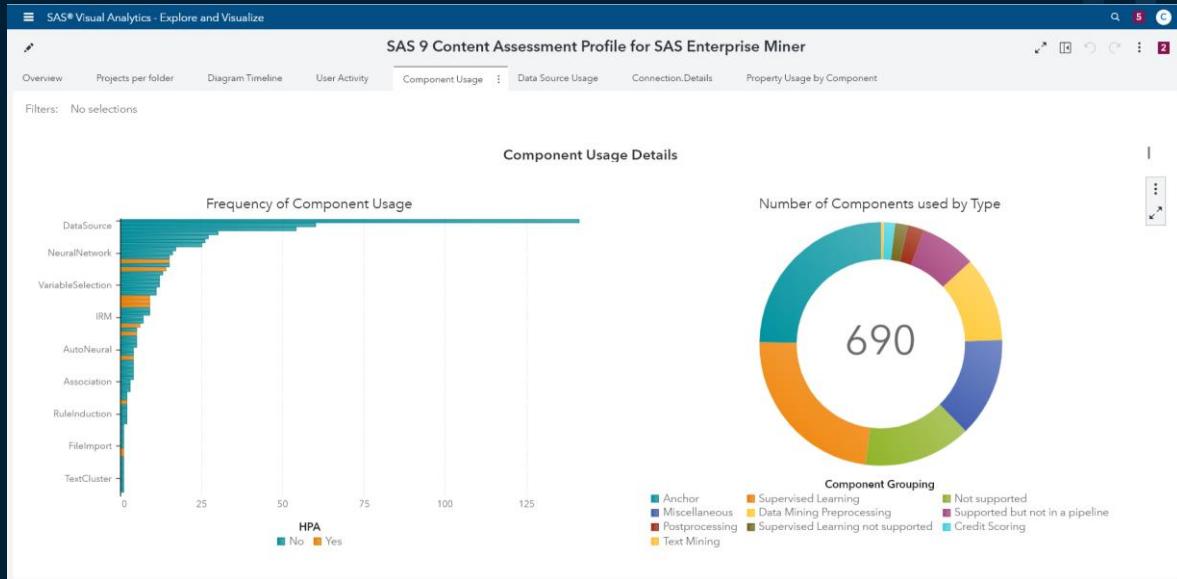
Operating System: Linux	Kernel Name: Linux
CPU(s): 2	Kernel Release: #1 SMP Tue May 10 15:4...
Thread(s) per core: 1	Kernel Version: #1 SMP Tue May 10 15:4...
Core(s) per socket: 1	System Locale: en_US.UTF-8
CPU Socket(s): 2	Total System Memory: 3288492 kB
NUMA Node(s): 1	Available System Memory: 3579156 kB

**System Evaluation Summary**

Task	Status	Comments	Message
Evaluating SAS web applications	<span style="color: green;">✓ Success</span>	Unable to locate SAS web application details in SAS metadata.	
Archiving results directory	<span style="color: red;">✗ Issues Found</span>		Unable to archive one or more files.
Validating all SAS software orders	<span style="color: red;">✗ Issues Found</span>	The cd.id file for this SAS deployment could not be processed. Please check that it exist and is valid. It can be found in <SASHOME>/SASDeploymentManager/9.4.	
Processing configuration.properties	<span style="color: red;">✗ Issues Found</span>	The configuration.properties file for the specified configuration directory does not exist or is not accessible.	
Validating settings for the configuration directory	<span style="color: red;">✗ Issues Found</span>	Unable to verify host names in the specified configuration directory.	

# SAS 9 Content Assessment Tool Reporting

Assessment Results 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.

# 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

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	<a href="#">pdf</a>
64-bit enabled Linux	SAS 9 Content Assessment 2024.10 for LAX	SAS9ContentAssessment.2024.10.lax.tgz	109.1 MB	2024-10	<a href="#">pdf</a>
64-bit enabled Solaris	SAS 9 Content Assessment 2024.10 for Solaris 64	SAS9ContentAssessment.2024.10.s64.tar	87.6 MB	2024-10	<a href="#">pdf</a>
64-bit enabled Windows	SAS 9 Content Assessment 2024.10 for Windows	SAS9ContentAssessment.2024.10.win.zip	111.2 MB	2024-10	<a href="#">pdf</a>
Linux 64-bit	SAS 9 Content Assessment 2024.10 for Linux PC Users	SAS9ContentAssessmentForLinuxUsers.2024.10.lax.tgz	13.9 MB	2024-10	<a href="#">pdf</a>
Windows 64 bit	SAS 9 Content Assessment 2024.10 for Windows PC Users	SAS9ContentAssessmentForPCUsers.2024.10.win.zip	14.3 MB	2024-10	<a href="#">pdf</a>

## 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



# SAS Support news:

Support Status ihrer SAS Produkte – Lösungen prüfen:

SAS Support levels :[support levels per product](#):

SAS Technical Support				
		Knowledge ▾	Maintenance ▾	Support Services ▾
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

# 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

# Fragen zu Content Assessment oder Modernisierungs - Supportthemen ?

Bitte jederzeit gerne auf mich oder SAS Sales Kollegen zukommen

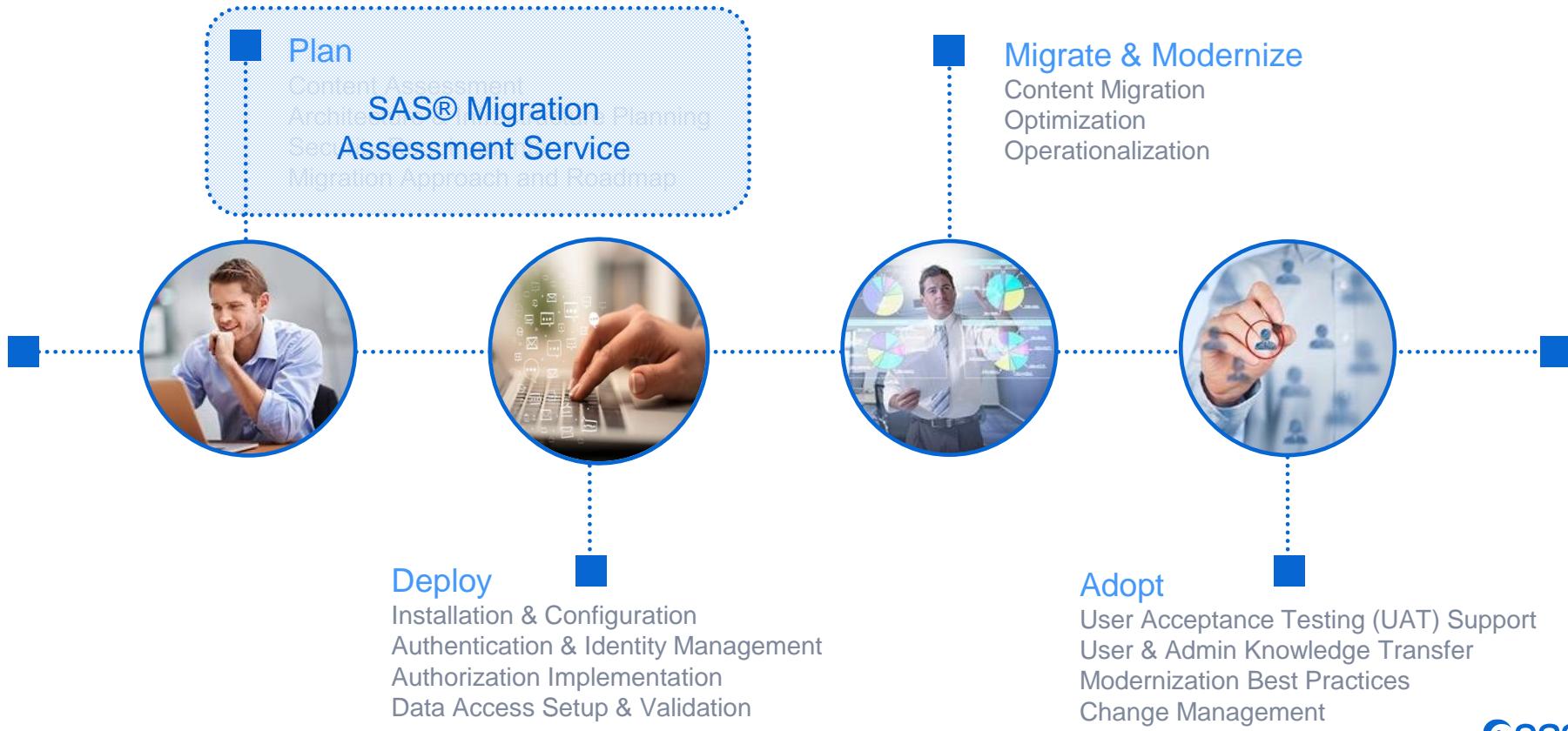
Danke

[gernot.engel@sas.com](mailto:gernot.engel@sas.com)

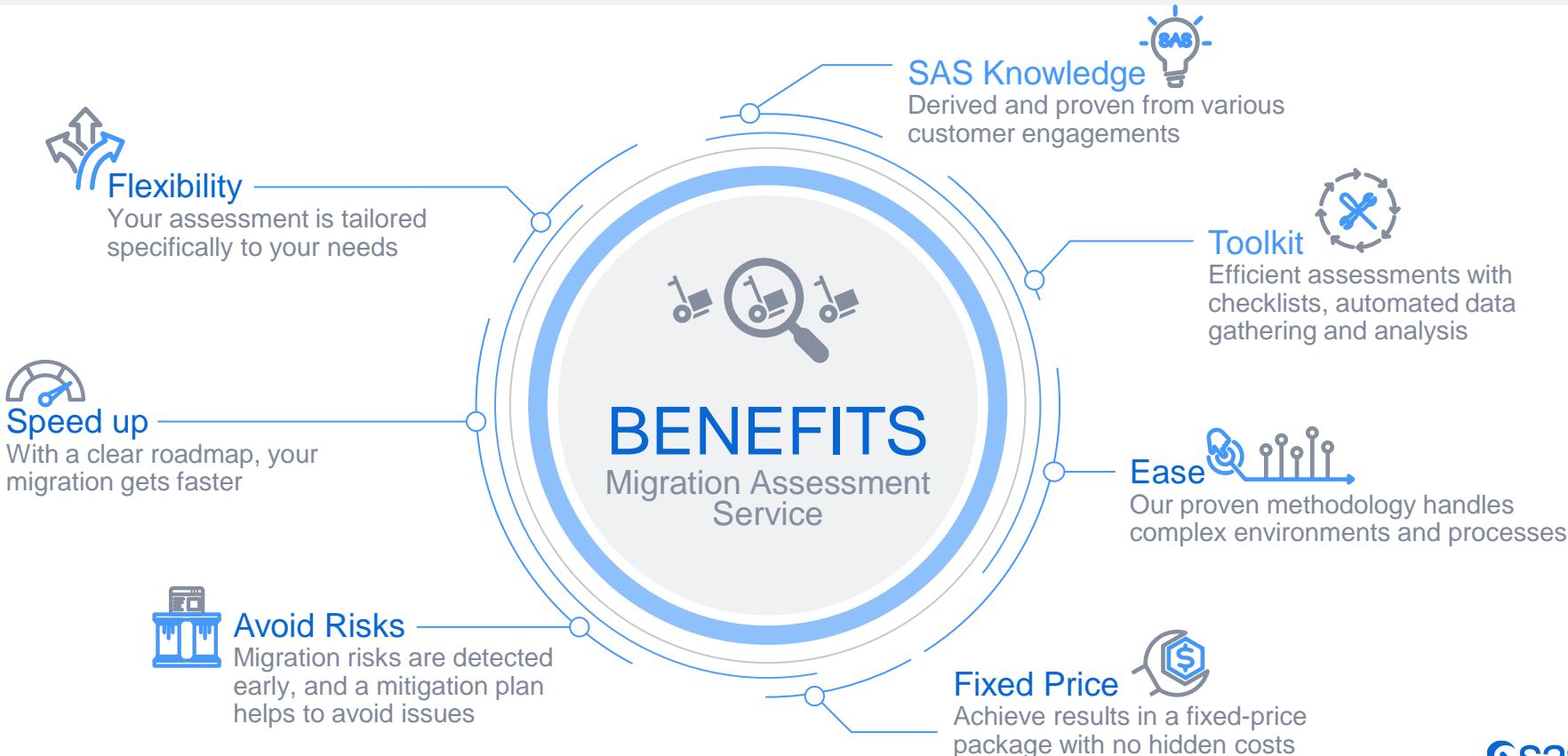
[sas.com](http://sas.com)



# SAS® Migration Journey



# SAS® Migration Assessment Service



# 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

#### Deploy

#### Migration

#### Modernization

#### Adopt