ASK THE EXPERT

Real-Life Stories: How Do I Migrate From SAS®9 to SAS® Viya®?

Ben Zenick
Chief Technology Officer, Zencos

§sas

Ben Zenick

Chief Technology Officer, Zencos

Ben Zenick is a co-founder of Zencos, a business intelligence consulting and services company based in Cary, NC. Under his leadership and vision, Zencos has become an elite SAS Gold Alliance partner and Inc. 500 company, recognized as one of the fastest-growing privately held companies in the US. With a strong background in designing, building and deploying extensive analytics platforms and solutions, Zenick ensures that Zencos team members consistently exceed customers' expectations. Prior to founding Zencos, Zenick worked at SAS as a Solutions Integration Specialist.

Objectives

- Why organizations migrate
- Considerations for migration
- Migration approaches
- Establishing a migration strategy

SAS

Why organizations migrate to SAS Viya

Not just a new SAS version

Business Drivers

Wider organizational adoption of analytics

- Are you migrating for a specific use case?
  - Performance
  - Elasticity
  - On-demand scaling
- Do you need to expand capabilities and accessibility of analytics to the workforce?
- Do you need to modernize capabilities of IT?
- Do you need to evaluate impact of analytics on organizational cost?

Ssas

SAS Viya

Modernization and Transformation

- Single platform supporting self-service analytics
- Easy to use interfaces
  - non-programmer
  - ML and AI development
  - model management
- Support for DevOps and CI/CD processes
- Scalable data architecture to grow with the user demands
- Integrated application and analytics development lifecycle

§.sas

SAS Viya

IT and Costs

- Cloud ready infrastructure
- Enhanced automation capabilities
- Leverage cloud elasticity and scaling
- Scalable and microservice based
- Fault tolerant
- OpEx vs. CapEx benefits

§.sas

Migration considerations

sas.com

SAS Viya

Evaluation criteria

- General
  - What version of SAS are you migrating from?
  - Where is SAS currently running today?
  - Does your organization have a cloud strategy already?
  - Do you have a current cloud provider?

SAS

SAS Viya

Evaluation criteria

- Workforce
  - Does your organization have traditional IT skills?
  - What SAS interfaces are in use in your organization?
  - Does your organization have DevOps skills?
  - Has your organization invested in more than SAS skills?

SAS Viya

Evaluation criteria

- IT
  - Do you have a gap in SAS 9 admin skills?
  - Have you adopted automation in your practices?
  - What deployment models do you use today?
  - Has your organization adopted a container strategy and built out skills?

§sas

How to migrate to SAS Viya

sas.com

SAS Viya

Evaluation criteria

- Establish a roadmap and migration strategy for modernization
- Establish a cloud architecture
- Train or acquire the requisite skills to support and administer the environment
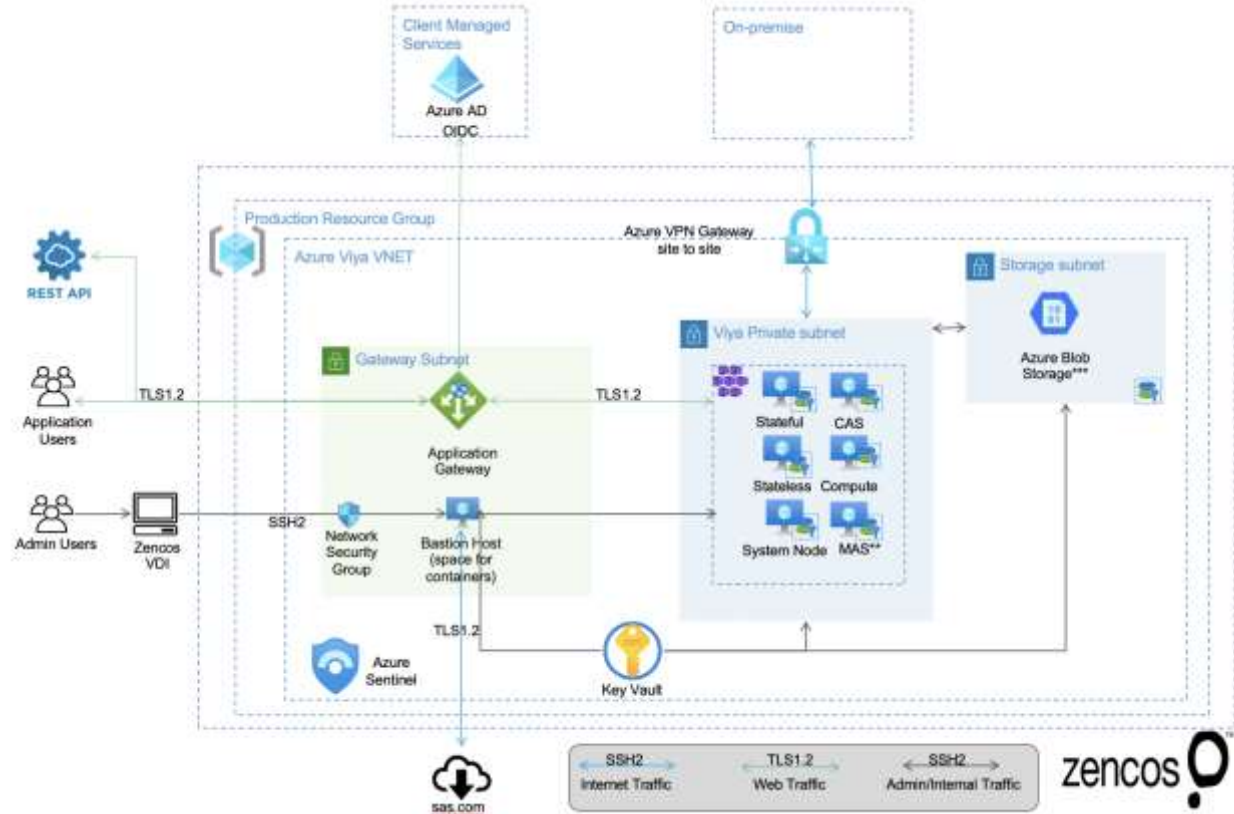 - End users
  - IT

SAS

SAS Viya

Roadmap for Modernization

- Prioritize processes best suited for SAS cloud workload
- Evaluate options for migration
  - Lift and Shift
  - Recoding
  - API integration
  - Open-Source integration
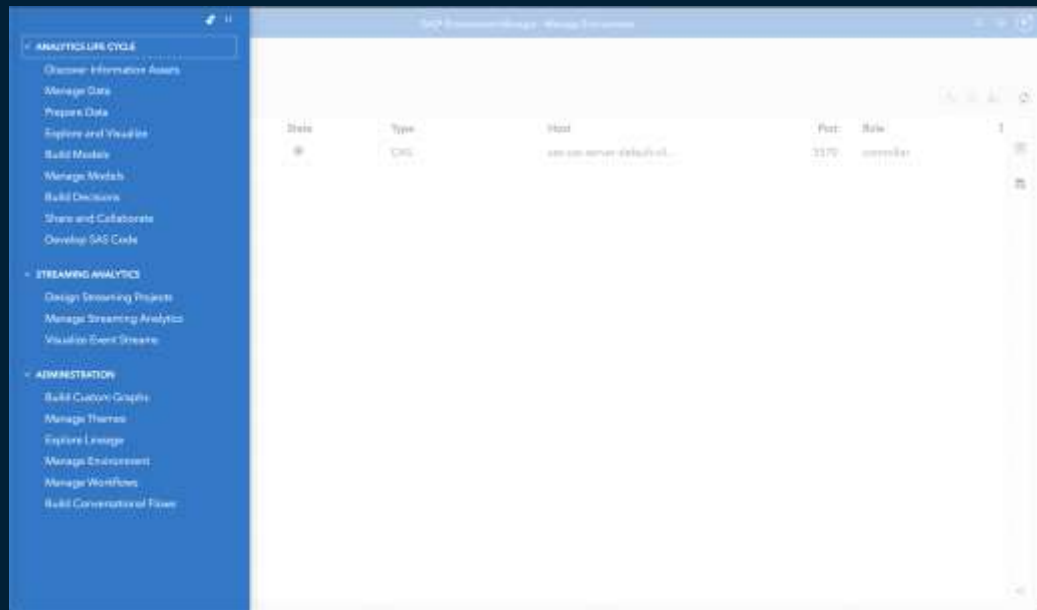- Understand limitations for migration

§.sas

Establish a cloud architecture

SAS Viya

New "SAS" skill requirements

IaC support for Azure, AWS, GCP

Container strategy

Workforce skills

- 9.4 UI to Viya UI
- Containers and Kubernetes
- Cloud Services

Benefits of Migrating

- Better integration with other cloud systems and cloud native databases

- Less rigid deployment model

- Tighter organizational integration for security (SAML/SCIM)

- More modern interfaces and integration with other systems

- More frequent updates and releases

§.sas

Q&A

Please submit your questions using the Q&A icon located in the menu at the bottom of your screen

Explore Helpful Resources

Ask the Expert
View other user webinars that provide insights into using SAS products to make your job easier.

FREE Training
Learn from home – free for 30 days. Get software labs to practice and online support if needed.

SAS Support Communities
Ask questions, get answers and share insights with SAS users.

SAS Analytics Explorers
An exclusive platform to collaborate, learn and share your expertise. Gain access to a diverse network to advance your career. Special rewards and recognition exclusively for SAS users.

SAS Users YouTube Channel
A plethora of videos on hundreds of topics, just for SAS users.

Newsletters
Get the latest SAS news plus tips, tricks and more.

Users Groups
Meet local SAS users, network and exchange ideas – virtually.

SAS Profile
If you haven't already done so, create your SAS Profile to access free training, SAS Support Communities, technical support, software downloads, newsletters and more.

§sas

Thank you

for joining us for
this SAS webinar

§sas