SAS A00-451

SAS VIYA ADMINISTRATION CERTIFICATION QUESTIONS & ANSWERS

Get Instant Access to Vital Exam Acing Materials | Study Guide | Sample Questions | Practice Test

A00-451

SAS Certified Viya Administration

60-65 Questions Exam – 65% Cut Score – Duration of 110 minutes

Table of Contents

Discover More about the A00-451 Certification

Are you interested in passing the SAS A00-451 exam? First discover, who benefits from the A00-451 certification. The A00-451 is suitable for a candidate if he wants to learn about Administration. Passing the A00-451 exam earns you the SAS Certified Viya Administration title.

While preparing for the A00-451 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The A00-451 PDF contains some of the most valuable preparation tips and the details and instant access to useful **A00-451 study materials just at one click**.

A00-451 SAS Viya Administration Certification Details:

Exam Name	SAS Certified Specialist - Administration of SAS Viya
Exam Code	A00-451
Exam Duration	110 minutes
Exam Questions	60-65
Passing Score	65%
Exam Price	$80 (USD)
Training	**SAS® Viya®**
Exam Registration	**Pearson VUE**
Sample Questions	**SAS Viya Administration Certification Sample Question**
Practice Exam	**SAS Viya Administration Certification Practice Exam**

A00-451 Syllabus:

Objective	Details
Managing a SAS Viya Environment (35% – 40%)	
Understand and administer programming run-time servers	- Administer SAS Studio. - Server configuration instances. - Configure contexts. • Compute • Launcher • Batch • Connect
Administer the CAS Server	- Manage and understand CAS roles. - Understand CAS server configuration instances. - CAS disk cache.
Update a SAS Viya deployment	- Update SAS License. - Understand contents of software order. - Apply patch updates. - Understand SAS release cadence. - Understand a use case for a mirror registry.
Backup and restore SAS Viya environment	- Best practices for performing backups. - Describe the contents of a backup. - View backup and recovery history. - Modify backup schedule. - Perform a restore from a backup.
Understand and administer Viya servers and services	- Scale servers and services. - Understand server components. - How to launch programming runtime servers.
Understand SAS Viya architecture	- Define the node pools of SAS Viya architecture. • CAS server • Compute server • Stateful • Stateless - Provide the purpose of the supporting infrastructure services. • Consul • RabbitMQ • Monitoring tools • Log tools

Objective	Details
Monitoring, logging and troubleshooting in a SAS Viya Environment (15% – 20%)	
Monitor the SAS Viya Environment	- Modify logging levels using Environment Manager. - Evaluate resources available. - Diagnose server and service problems using logs. - Monitor CAS sessions. - Monitor services. - Explore system and audit reports.
Configure CAS server and services logging	
Identity and User management (10% – 15%)	
Manage SAS Viya identities	- Identity synchronization with identity provider: identity filtering, identity caching; configuration properties. - Manage membership of custom groups and CAS roles (understand difference between groups and custom groups). - CASHostAccountRequired Custom Group. - Reset sasboot password if necessary or not required. - Set up assumable custom group SAS Administrators. - Set up membership to CAS superuser role. - Modify memberships to other custom groups.
Manage external credentials	- Create authentication domains. - Make a distinction between authentication domains, connection domain, and encryption domains. - Manage stored credentials.
Content and Functionality Management (15% – 20%)	
Migration	- Import content from SAS 9. - Import content from SAS Viya 3.x. - Import content from SAS Viya 4. - Use EVM or the CLI tools to promote and map resources.
Manage and secure SAS Viya Content	- Navigate the folder content structure: shortcuts; predefined folders; child members; reference members. - Create folders through EV or CLI; view content properties. - View and edit authorization for folders and folder objects. - Manage access to folders and objects (through authorization window in EV; CLI; rules page in EV); Sharing. - Troubleshoot authorization issues.
Administer Access to functionality	- Modify rules in order to limit or grant more access to the capabilities of Viya applications. - Give users, groups, and custom groups access to functionality.

Objective	Details
Data management in SAS Cloud Analytic Services (CAS) (10% – 15%)	
Create and manage caslibs	- Understand CAS data architecture. - Understand loading data into CAS memory. - Use an authentication domain in a caslib definition.
Perform data management tasks	- Manage CAS authorizations. - Manage User-defined formats. - Understand CAS table state management.

Broaden Your Knowledge with SAS A00-451 Sample Questions:

Question: 1

What are valid substitution parameters for row level access control?

(Choose 2.)

a) SUB::SAS.Groupid
b) SUB::SAS.Userid
c) SUB::SAS.ExternalIdentity
d) SUB::SAS.InternalIdentity

Answer: b, c

Question: 2

Which action can be done in SAS Environment Manager?

a) Add a new User
b) Modify the ID of a User
c) Add a new Custom Group
d) Modify the ID of a Custom Group

Answer: c

Question: 3

What are the core components of a SAS Viya deployment?

a) Microservices, SAS Compute Server, SAS Cloud Analytic Services (CAS)
b) Microservices, SAS Compute Server, SAS Cloud Analytic Services (CAS), log tools
c) Microservices, SAS Compute Server, SAS Cloud Analytic Services (CAS), RabbitMQ
d) Microservices, SAS Compute Server, SAS Cloud Analytic Services (CAS), log tools, monitoring tools

Answer: a

Question: 4

Where does the CAS server store caslib management privileges?

a) kubernetes configmap
b) SAS Configuraiton Server
c) kubernetes persistent volume
d) SAS Infrastructure Data Server

Answer: c

Question: 5

Which domains can be created or viewed in SAS Environment Manager?

(Choose 2.)

a) Base64 Domain
b) Security Domain
c) Connection Domain
d) Encryption Domain

Answer: c, d

Question: 6

Which two methods can be used to stop SAS Viya Deployment?

(Choose 2.)

a) Use the Ansible CronJob sas-stop-all.
b) Use kustomiza transformers to scale the SAS Viya Deployment to zero.
c) Use the sas-viya sas-stop-all command.
d) Use the Kubernetes CronJob sas-stop-all.

Answer: b, d

Question: 7

What is the best technique to use when members of the Marketing group need to use a shared user id and password to access tables in an Oracle database?

a) Create a global caslib to the Oracle database and specify the shared user id, the password, and the Marketing group identity in a conditional grant.
b) Create an authentication domain for the Oracle database and store the shared user id and the password for the Marketing group identity.
c) Create a Custom Group for members of the Marketing group and specify the shared user id and the password in the Custom Group properties.
d) Create a data connection to the Oracle database and specify the shared user id, the password, and the Marketing group identity in the connection properties.

Answer: b

Question: 8

A new Ansible playbook needs to be created for which scenarios?

(Choose two.)

a) applying new license
b) applying hotfixes
c) adding Viya product
d) adding servers to inventory.ini

Answer: b, c

Question: 9

In which situation is it necessary to download new Deployment Assets?

a) Updating the license
b) Onboarding tenants
c) Applying a patch update
d) Configuring high availability

Answer: c

Question: 10

In a default deployment, how often is the Update Checker run?

a) Daily
b) Weekly
c) Monthly
d) Quarterly

Answer: b

Avail the Study Guide to Pass A00-451 SAS Viya Administration Exam:

- Find out about the A00-451 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.

- Once you are done exploring the **A00-451 syllabus**, it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.

- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the A00-451 training. Joining the SAS provided training for A00-451 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the **A00-451 sample questions** and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. A00-451 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

Career Benefits:

Passing the A00-451 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

Here Is the Trusted Practice Test for the A00-451 Certification

VMExam.Com is here with all the necessary details regarding the A00-451 exam. We provide authentic practice tests for the A00-451 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the **A00-451 practice tests**, and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the SAS Certified Viya Administration.

Start Online Practice of A00-451 Exam by Visiting URL

https://www.analyticsexam.com/sas-certification/a00-451-sas-certified-specialist-administration-sas-viya