SAS A00-451

SAS VIYA ADMINISTRATION CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

A00-451

SAS Certified Viya Administration
60-65 Questions Exam – 65% Cut Score – Duration of 110 minutes

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Know Your A00-451 Certification Well:

The A00-451 is best suitable for candidates who want to gain knowledge in the SAS Administration. Before you start your A00-451 preparation you may struggle to get all the crucial SAS Viya Administration materials like A00-451 syllabus, sample questions, study guide.

But don't worry the A00-451 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the A00-451 syllabus?
- How many questions are there in the A00-451 exam?
- Which Practice test would help me to pass the A00-451 exam at the first attempt?

Passing the A00-451 exam makes you SAS Certified Viya Administration. Having the SAS Viya Administration certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

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 Administration: Fast Track**
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.

Objective	Details
	- Give users, groups, and custom groups access to functionality.
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.

SAS A00-451 Sample Questions:

Question: 1

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: 2

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: 3

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: 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 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: 6

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: 7

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: 8

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: 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

Study Guide to Crack SAS Viya Administration A00-451 Exam:

- Getting details of the A00-451 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the A00-451 exam.

- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.

- Joining the SAS provided training for A00-451 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.

- Read from the A00-451 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.

- Practicing on A00-451 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for A00-451 Certification

Make AnalyticsExam.Com your best friend during your SAS Certified Specialist - Administration of SAS Viya exam preparation. We provide authentic practice tests for the A00-451 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual A00-451 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the A00-451 exam.

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