

AWS DBS-C01 Study Guide PDF

GRAB THE AWS DATABASE SPECIALTY CERTIFICATION PDF QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

DBS-C01

[AWS Certified Database - Specialty](#)

65 Questions Exam – 750 / 1000 Cut Score – Duration of 180 minutes

www.VMExam.com

Table of Contents

Get an Overview of the DBS-C01 Certification:.....	3
Why Should You Earn the AWS DBS-C01 Certification?	3
What Is the AWS DBS-C01 Database Specialty Certification Exam Structure?	3
Enhance Knowledge with DBS-C01 Sample Questions:	4
What Study Guide Works Best in Acing the AWS DBS- C01 Database Specialty Certification?	9
Explore the Syllabus Topics and Learn from the Core:	9
Make Your Schedule:	9
Get Expert Advice from the Training:	9
Get Access to the PDF Sample Questions:	9
Avoid Dumps and Utilize the AWS DBS-C01 Practice Test:.....	9

Get an Overview of the DBS-C01 Certification:

Who should take the [DBS-C01 exam](#)? This is the first question that comes to a candidate's mind when preparing for the Database Specialty certification. The DBS-C01 certification is suitable for candidates who are keen to earn knowledge on the Specialty and grab their AWS Certified Database - Specialty. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But DBS-C01 study guide PDF is here to solve the problem. DBS-C01 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the AWS DBS-C01 Certification?

There are several reasons why one should grab the DBS-C01 certification.

- The Database Specialty certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [AWS Certified Database - Specialty](#) is a powerful qualification for a prosperous career.

What Is the AWS DBS-C01 Database Specialty Certification Exam Structure?

Exam Name	AWS Certified Database - Specialty
Exam Code	DBS-C01
Exam Price	\$300 USD
Duration	180 minutes
Number of Questions	65
Passing Score	750 / 1000
Recommended Training / Books	AWS Database Offerings Planning and Designing Databases on AWS Exam Readiness - AWS Certified Database - Specialty

Schedule Exam	AWS Certification
Sample Questions	AWS DBS-C01 Sample Questions
Recommended Practice	AWS Certified Database - Specialty Practice Test

Enhance Knowledge with DBS-C01 Sample Questions:

Question: 1

A company's customer relationship management application uses an Amazon RDS for PostgreSQL Multi-AZ database. The database size is approximately 100 GB.

A database specialist has been tasked with developing a cost-effective disaster recovery plan that will restore the database in a different Region within 2 hours. The restored database should not be missing more than 8 hours of transactions.

What is the MOST cost-effective solution that meets the availability requirements?

- Create an RDS read replica in the second Region. For disaster recovery, promote the read replica to a standalone instance.
- Create an RDS read replica in the second Region using a smaller instance size. For disaster recovery, scale the read replica and promote it to a standalone instance.
- Schedule an AWS Lambda function to create an hourly snapshot of the DB instance and another Lambda function to copy the snapshot to the second Region. For disaster recovery, create a new RDS Multi-AZ DB instance from the last snapshot.
- Create a new RDS Multi-AZ DB instance in the second Region. Configure an AWS DMS task for ongoing replication.

Answer: c

Question: 2

A company's ecommerce application stores order transactions in an Amazon RDS for MySQL database. The database has run out of available storage and the application is currently unable to take orders.

Which action should a database specialist take to resolve the issue in the shortest amount of time?

- Add more storage space to the DB instance using the ModifyDBInstance action.
- Create a new DB instance with more storage space from the latest backup.
- Change the DB instance status from STORAGE_FULL to AVAILABLE.
- Configure a read replica with more storage space.

Answer: a

Question: 3

A media company is running a critical production application that uses Amazon RDS for PostgreSQL with Multi-AZ deployments. The database size is currently 25 TB.

The IT director wants to migrate the database to Amazon Aurora PostgreSQL with minimal effort and minimal disruption to the business.

What is the best migration strategy to meet these requirements?

- a) Use the AWS Schema Conversion Tool (AWS SCT) to copy the database schema from RDS for PostgreSQL to an Aurora PostgreSQL DB cluster. Create an AWS DMS task to copy the data.
- b) Create a script to continuously back up the RDS for PostgreSQL instance using `pg_dump`, and restore the backup to an Aurora PostgreSQL DB cluster using `pg_restore`.
- c) Create a read replica from the existing production RDS for PostgreSQL instance. Check that the replication lag is zero and then promote the read replica as a standalone Aurora PostgreSQL DB cluster.
- d) Create an Aurora Replica from the existing production RDS for PostgreSQL instance. Stop the writes on the master, check that the replication lag is zero, and then promote the Aurora Replica as a standalone Aurora PostgreSQL DB cluster.

Answer: d

Question: 4

A company undergoing a security audit has determined that its database administrators are presently sharing an administrative database user account for the company's Amazon Aurora deployment.

To support proper traceability, governance, and compliance, each database administration team member must start using individual, named accounts. Furthermore, long-term database user credentials should not be used.

Which solution should a database specialist implement to meet these requirements?

- a) Use the AWS CLI to fetch the AWS IAM users and passwords for all team members. For each IAM user, create an Aurora user with the same password as the IAM user.
- b) Enable IAM database authentication on the Aurora cluster. Create a database user for each team member without a password. Attach an IAM policy to each administrator's IAM user account that grants the connect privilege using their database user account.
- c) Create a database user for each team member. Share the new database user credentials with the team members. Have users change the password on the first login to the same password as their IAM user.
- d) Create an IAM role and associate an IAM policy that grants the connect privilege using the shared account. Configure a trust policy that allows the administrator's IAM user account to assume the role.

Answer: b

Question: 5

An operations team in a large company wants to centrally manage resource provisioning for its development teams across multiple accounts.

When a new AWS account is created, the developers require full privileges for a database environment that uses the same configuration, data schema, and source data as the company's production Amazon RDS for MySQL DB instance.

How can the operations team achieve this?

- a) Enable the source DB instance to be shared with the new account so the development team may take a snapshot. Create an AWS CloudFormation template to launch the new DB instance from the snapshot.
- b) Create an AWS CLI script to launch the approved DB instance configuration in the new account. Create an AWS DMS task to copy the data from the source DB instance to the new DB instance.
- c) Take a manual snapshot of the source DB instance and share the snapshot privately with the new account. Specify the snapshot ARN in an RDS resource in an AWS CloudFormation template and use StackSets to deploy to the new account.
- d) Create a DB instance read replica of the source DB instance. Share the read replica with the new AWS account.

Answer: c

Question: 6

A company has a highly available production 10 TB SQL Server relational database running on Amazon EC2. Users have recently been reporting performance and connectivity issues.

A database specialist has been asked to configure a monitoring and alerting strategy that will provide metrics visibility and notifications to troubleshoot these issues.

Which solution will meet these requirements?

- a) Configure AWS CloudTrail logs to monitor and detect signs of potential problems. Create an AWS Lambda function that is triggered when specific API calls are made and send notifications to an Amazon SNS topic.
- b) Install an Amazon Inspector agent on the DB instance. Configure the agent to stream server and database activity to Amazon CloudWatch Logs. Configure metric filters and alarms to send notifications to an Amazon SNS topic.
- c) Migrate the database to Amazon RDS for SQL Server and use Performance Insights to monitor and detect signs of potential problems. Create a scheduled AWS Lambda function that retrieves metrics from the Performance Insights API and send notifications to an Amazon SNS topic.
- d) Configure Amazon CloudWatch Application Insights for .NET and SQL Server to monitor and detect signs of potential problems. Configure CloudWatch Events to send notifications to an Amazon SNS topic.

Answer: d

Question: 7

A global company wants to run an application in several AWS Regions to support a global user base.

The application will need a database that can support a high volume of low-latency reads and writes that is expected to vary over time. The data must be shared across all of the Regions to support dynamic company-wide reports.

Which database meets these requirements?

- a) Use Amazon Aurora Serverless and configure endpoints in each Region.
- b) Use Amazon RDS for MySQL and deploy read replicas in an auto scaling group in each Region.
- c) Use Amazon DocumentDB (with MongoDB compatibility) and configure read replicas in an auto scaling group in each Region.
- d) Use Amazon DynamoDB global tables and configure DynamoDB auto scaling for the tables.

Answer: d

Question: 8

A medical company is planning to migrate its on-premises PostgreSQL database, along with application and web servers, to AWS.

Amazon RDS for PostgreSQL is being considered as the target database engine. Access to the database should be limited to application servers and a bastion host in a VPC.

Which solution meets the security requirements?

- a) Launch the RDS for PostgreSQL database in a DB subnet group containing private subnets. Modify the `pg_hba.conf` file on the DB instance to allow connections from only the application servers and bastion host.
- b) Launch the RDS for PostgreSQL database in a DB subnet group containing public subnets. Create a new security group with inbound rules to allow connections from only the security groups of the application servers and bastion host. Attach the new security group to the DB instance.
- c) Launch the RDS for PostgreSQL database in a DB subnet group containing private subnets. Create a new security group with inbound rules to allow connections from only the security groups of the application servers and bastion host. Attach the new security group to the DB instance.
- d) Launch the RDS for PostgreSQL database in a DB subnet group containing private subnets. Create a NACL attached to the VPC and private subnets. Modify the inbound and outbound rules to allow connections to and from the application servers and bastion host.

Answer: c

Question: 9

A company's security department has mandated that their existing Amazon RDS for MySQL DB instance be encrypted at rest.

What should a database specialist do to meet this requirement?

- a) Modify the database to enable encryption. Apply this setting immediately without waiting for the next scheduled maintenance window.
- b) Export the database to an Amazon S3 bucket with encryption enabled. Create a new database and import the export file.
- c) Create a snapshot of the database. Create an encrypted copy of the snapshot. Create a new database from the encrypted snapshot.
- d) Create a snapshot of the database. Restore the snapshot into a new database with encryption enabled.

Answer: c

Question: 10

A database specialist is troubleshooting complaints from an application's users who are experiencing performance issues when saving data in an Amazon ElastiCache for Redis cluster with cluster mode disabled.

The database specialist finds that the performance issues are occurring during the cluster's backup window. The cluster runs in a replication group containing three nodes. Memory on the nodes is fully utilized. Organizational policies prohibit the database specialist from changing the backup window time.

How could the database specialist address the performance concern?

(Select TWO.)

- a) Add an additional node to the cluster in the same Availability Zone as the primary.
- b) Configure the backup job to take a snapshot of a read replica.
- c) Increase the local instance storage size for the cluster nodes.
- d) Increase the reserved-memory-percent parameter value.
- e) Configure the backup process to flush the cache before taking the backup.

Answer: b, d

What Study Guide Works Best in Acing the AWS DBS-C01 Database Specialty Certification?

The DBS-C01 study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Database Specialty exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the AWS DBS-C01 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the AWS DBS-C01 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, DBS-C01 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven DBS-C01 Practice Test for Success!!!

Do you want to pass the DBS-C01 exam on your first attempt? Stop worrying; we, VMExam.com are here to provide you the best experience during your AWS Certified Database - Specialty preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [DBS-C01 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.