

1) A company wants to track application-level metrics such as error rates, request latency, and custom logs from an application running on EC2 instances. Which service should they use?

- A) AWS CloudTrail
- B) Amazon CloudWatch
- C) AWS Config
- D) AWS X-Ray

2) A global company needs a managed DNS service that can route traffic to resources based on the lowest network latency for end users. Which AWS service should they use?

- A) Amazon CloudFront
- B) AWS Direct Connect
- C) Amazon Route 53
- D) AWS Global Accelerator

3) A development team wants to store application secrets securely and enable automatic rotation for database credentials. Which AWS service is best suited for this purpose?

- A) AWS IAM
- B) AWS KMS
- C) AWS Secrets Manager
- D) AWS Shield

4) A data engineering team wants to run scheduled ETL jobs to transform data stored in Amazon S3 and load it into Amazon Redshift. Which service should they use?

- A) Amazon EMR
- B) AWS Glue
- C) Amazon Athena
- D) Amazon RDS

5) A company wants to establish a dedicated, high-speed, low-latency connection between its on-premises data center and AWS. Which service provides this?

- A) AWS VPN
- B) AWS Direct Connect

- C) Amazon CloudFront
- D) AWS Transit Gateway

6) A company's serverless application needs to run a function automatically every day at midnight without manual intervention. Which AWS service can manage this?

- A) AWS Lambda with Amazon EventBridge
- B) AWS Step Functions
- C) Amazon CloudWatch Logs
- D) Amazon SNS

7) A security team wants to ensure that sensitive data uploaded to Amazon S3 is protected from unauthorized access, even if the bucket policy is misconfigured. Which option provides the best protection?

- A) Enable AWS CloudTrail logging for all S3 actions
- B) Enable Amazon S3 Block Public Access
- C) Use an S3 Access Point
- D) Enable S3 Transfer Acceleration

8) A company wants to use a relational database that is compatible with MySQL but is fully managed and designed for cloud scalability. Which service is most suitable?

- A) Amazon RDS for MySQL
- B) Amazon Aurora
- C) Amazon DynamoDB
- D) Amazon Redshift

9) A machine learning team needs a platform to quickly build, train, and deploy machine learning models on AWS without managing infrastructure. Which service should they use?

- A) Amazon EMR
- B) AWS Batch
- C) Amazon SageMaker
- D) AWS Lambda

10) A retail company needs to manage its inventory using a scalable, NoSQL database that can handle frequent read and write requests. Which AWS service should they use?

- A) Amazon RDS
- B) Amazon DynamoDB
- C) Amazon Redshift
- D) AWS Glue

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- B) Amazon CloudWatch**
- C) Amazon Route 53**
- C) AWS Secrets Manager**
- B) AWS Glue**
- B) AWS Direct Connect**
- A) AWS Lambda with Amazon EventBridge**
- B) Enable Amazon S3 Block Public Access**
- B) Amazon Aurora**
- C) Amazon SageMaker**
- B) Amazon DynamoDB**