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QUESTION 1

IAM users do not have permission to create Temporary Security Credentials for federated users and roles by default. In contrast, IAM users can call _____ without the need of any special permissions

- A. GetSessionName
- B. GetFederationToken
- C. GetSessionToken
- D. GetFederationName

Correct Answer: C

Currently the STS API command GetSessionToken is available to every IAM user in your account without previous permission. In contrast, the GetFederationToken command is restricted and explicit permissions need to be granted so a user can issue calls to this particular Action.

Reference: <http://docs.aws.amazon.com/STS/latest/UsingSTS/STSPermission.html>

QUESTION 2

A company is implementing a multi-account strategy; however, the Management team has expressed concerns that services like DNS may become overly complex. The company needs a solution that allows private DNS to be shared among virtual private clouds (VPCs) in different accounts. The company will have approximately 50 accounts in total.

What solution would create the LEAST complex DNS architecture and ensure that each VPC can resolve all AWS resources?

- A. Create a shared services VPC in a central account, and create a VPC peering connection from the shared services VPC to each of the VPCs in the other accounts. Within Amazon Route 53, create a privately hosted zone in the shared services VPC and resource record sets for the domain and subdomains. Programmatically associate other VPCs with the hosted zone.
- B. Create a VPC peering connection among the VPCs in all accounts. Set the VPC attributes enableDnsHostnames and enableDnsSupport to "true" for each VPC. Create an Amazon Route 53 private zone for each VPC. Create resource record sets for the domain and subdomains. Programmatically associate the hosted zones in each VPC with the other VPCs.
- C. Create a shared services VPC in a central account. Create a VPC peering connection from the VPCs in other accounts to the shared services VPC. Create an Amazon Route 53 privately hosted zone in the shared services VPC with resource record sets for the domain and subdomains. Allow UDP and TCP port 53 over the VPC peering connections.
- D. Set the VPC attributes enableDnsHostnames and enableDnsSupport to "false" in every VPC. Create an AWS Direct Connect connection with a private virtual interface. Allow UDP and TCP port 53 over the virtual interface. Use the on-premises DNS servers to resolve the IP addresses in each VPC on AWS.

Correct Answer: A



QUESTION 3

The user has provisioned the PIOPS volume with an EBS optimized instance.

Generally speaking, in which I/O chunk should the bandwidth experienced by the user be measured by

AWS?

- A. 128 KB
- B. 256 KB
- C. 64 KB
- D. 32 KB

Correct Answer: B

IOPS are input/output operations per second. Amazon EBS measures each I/O operation per second (that is 256 KB or smaller) as one IOPS.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-io-characteristics.html>

QUESTION 4

A user is creating a snapshot of an EBS volume. Which of the below statements is incorrect in relation to the creation of an EBS snapshot?

- A. Its incremental
- B. It is a point in time backup of the EBS volume
- C. It can be used to create an AMI
- D. It is stored in the same AZ as the volume

Correct Answer: D

The EBS snapshots are a point in time backup of the EBS volume. It is an incremental snapshot, but is always specific to the region and never specific to a single AZ. Hence the statement "It is stored in the same AZ as the volume" is incorrect.

Reference: <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSSnapshots.html>

QUESTION 5

An enterprise company is using a multi-account AWS strategy. There are separate accounts for development staging and production workloads. To control costs and improve governance the following requirements have been defined:

1.

The company must be able to calculate the AWS costs for each project.



2.
The company must be able to calculate the AWS costs for each environment development staging and production.

3.
Commonly deployed IT services must be centrally managed.

4.
Business units can deploy pre-approved IT services only.

5.
Usage of AWS resources in the development account must be limited.

Which combination of actions should be taken to meet these requirements? (Choose three.)

- A. Apply environment, cost center, and application name tags to all taggable resources.
- B. Configure custom budgets and define thresholds using Cost Explorer.
- C. Configure AWS Trusted Advisor to obtain weekly emails with cost-saving estimates.
- D. Create a portfolio for each business unit and add products to the portfolios using AWS CloudFormation in AWS Service Catalog.
- E. Configure a billing alarm in Amazon CloudWatch.
- F. Configure SCPs in AWS Organizations to allow services available using AWS.

Correct Answer: CEF

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