**QUESTION 123**

A company has a production workload that runs on 1,000 Amazon EC2 Linux instances.

The workload is powered by third-party software.

The company needs to patch the third-party software on all EC2 instances as quickly as possible to remediate a critical security vulnerability.

What should a solutions architect do to meet these requirements?

1. Create an AWS Lambda function to apply the patch to all EC2 instances.

1. Configure AWS Systems Manager Patch Manager to apply the patch to all EC2 instances.
2. Schedule an AWS Systems Manager maintenance window to apply the patch to all EC2 instances.

D. Use AWS Systems Manager Run Command to run a custom command that applies the patch to all EC2 instances.

**Answer:** D

**QUESTION 215**

A solutions architect needs to securely store a database user name and password that an application uses to access an Amazon RDS DB instance.

The application that accesses the database runs on an Amazon EC2 instance.

The solutions architect wants to create a secure parameter in AWS Systems Manager Parameter Store.

What should the solutions architect do to meet this requirement?

1. Create an IAM role that has read access to the Parameter Store parameter.

Allow Decrypt access to an AWS Key Management Service (AWS KMS) key that is used to encrypt the parameter.

Assign this IAM role to the EC2 instance.

1. Create an IAM policy that allows read access to the Parameter Store parameter.

Allow Decrypt access to an AWS Key Management Service (AWS KMS) key that is used to encrypt the parameter.

Assign this IAM policy to the EC2 instance.

1. Create an IAM trust relationship between the Parameter Store parameter and the EC2 instance.

Specify Amazon RDS as a principal in the trust policy.

1. Create an IAM trust relationship between the DB instance and the EC2 instance.

Specify Systems Manager as a principal in the trust policy.

**Answer:** B

**Explanation:** <https://docs.aws.amazon.com/IAM/latest/UserGuide/reference_aws-services-that-work-withiam.html>