1) Depends on you

2) Depends on you

3) I have done automation with Python while creating the Lambda functions in AWS. I have automated the deregistering of unused AMIs for more than 30 days. I have automated the process of autoscaling so that the machines will turn off on the weekends for cost cutting.

4) I have automated the process of autoscaling so that the machines will turn off on the weekends in the recent times. I have used terraform to do the deployment of the artifacts to AWS by creating all the required resources like EC2, S3, DynamoDB and so on.

5) Infra automation I have done using Terraform. Wherein terraform creates all our infra in AWS.

6) Used terraform to deploy the artifacts from the artifactory to AWS by creating services like IAM, EC2, S3, DynamoDB and so on.

7) We can secure the credentials by creating an IAM user and the access and secret keys will be stored in Jenkins credentials and we will manage Jenkins and AWS in such a way that only that particular IAM user will be able to access AWS and nobody else will be able to access it.

8) I have plenty of experience working with Jenkins. I have created pipelines and multi-branch pipelines in Jenkins with the help of groovy scripting. I have setup the Jenkins jobs like for generating the artifacts and for deploying the code in the server.