Pre requisites for Deployment 4 include having Jenkins installed on an EC2

**#!/bin/bash**

**sudo apt update**

**sudo apt -y install openjdk-11-jre**

**curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io.key | sudo tee \**

**/usr/share/keyrings/jenkins-keyring.asc > /dev/null**

**echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \**

**https://pkg.jenkins.io/debian-stable binary/ | sudo tee \**

**/etc/apt/sources.list.d/jenkins.list > /dev/null**

**sudo apt-get update**

**sudo apt-get -y install jenkins**

**sudo systemctl start jenkins**

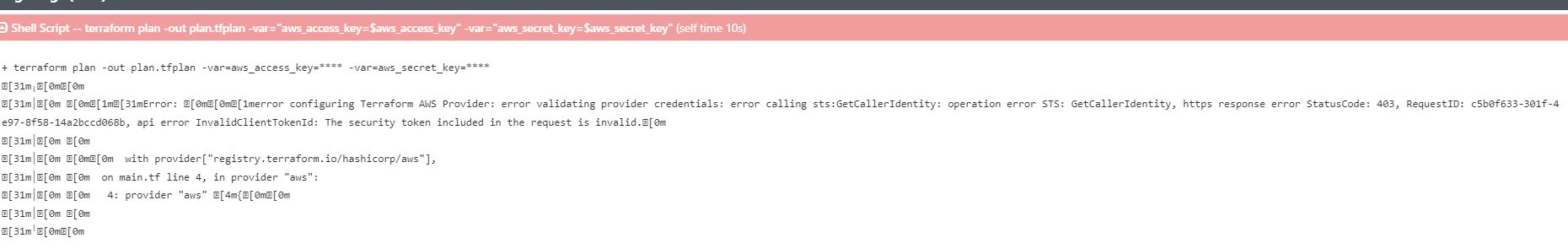
**systemctl status jenkins >> ~/file.txt**  
  
install Terraform on the Jenkins server  
 **wget -O- https://apt.releases.hashicorp.com/gpg | gpg --dearmor | sudo tee /usr/share/keyrings/hashicorp-archive-keyring.gpg**

**echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb\_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list**

**sudo apt update && sudo apt install terraform**

**terraform –version  
  
Select the pipeline, select credentials and deploy the Jenkins build**

**Unfortunately, after multiple troubleshooting steps with colleagues and Google my Jenkins build continuously had a credential failure—thus not allowing me to move beyond. This is reflected in my diagram**

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