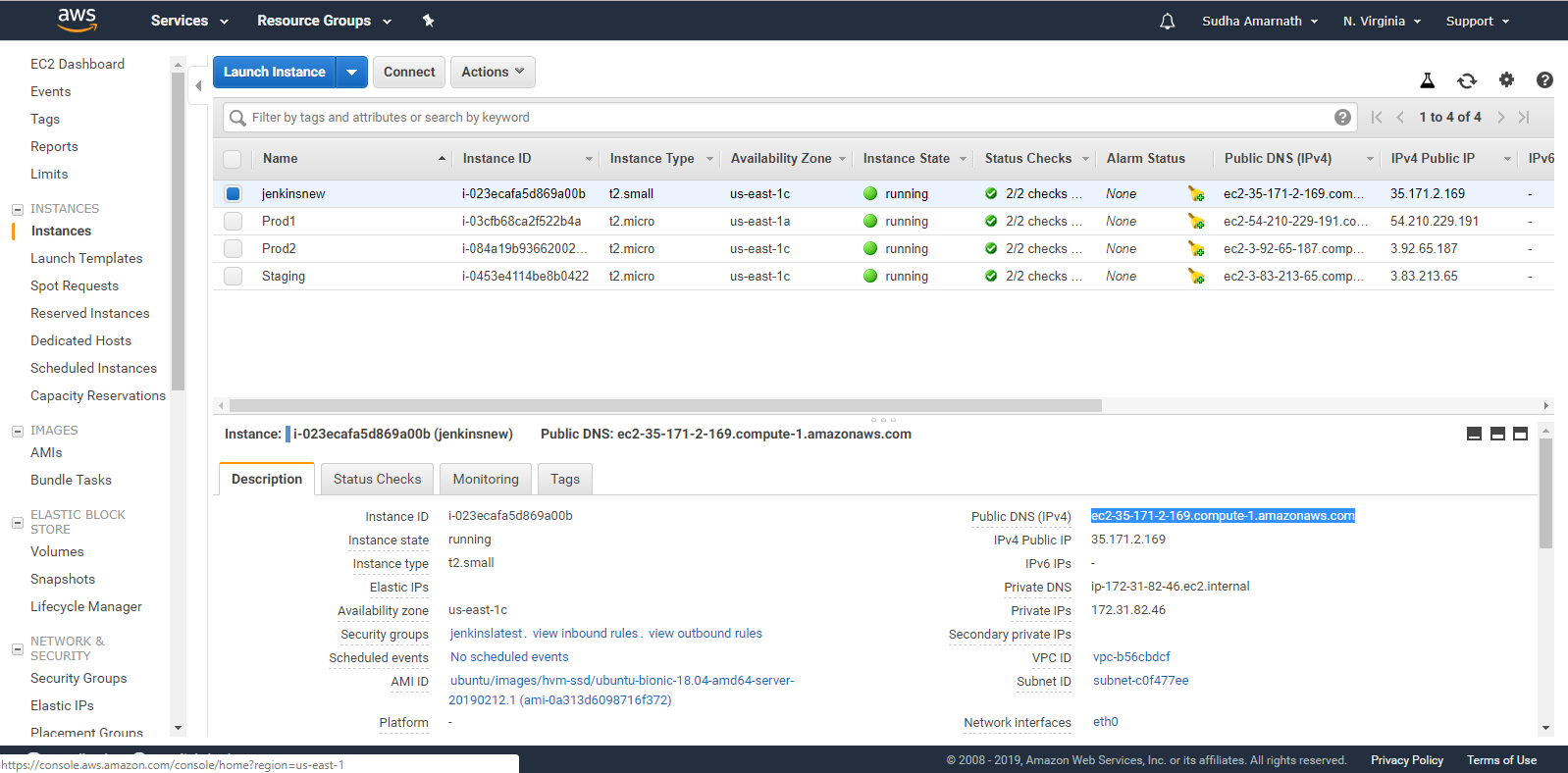
**Create AWS EC2 instances:**

* **Jenkins server**
* **Staging**
* **Prodution1**
* **Prodution2**

****

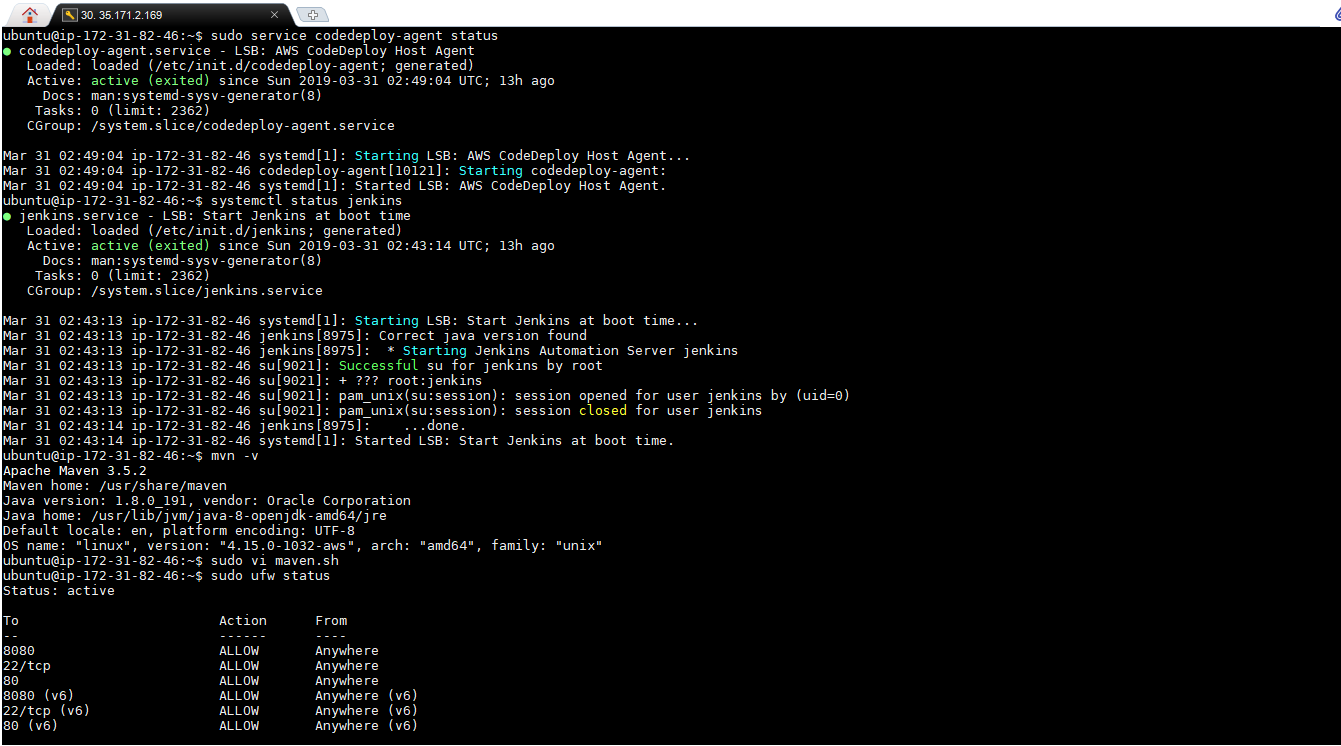
**Installation steps:**

* **Follow the steps to Install CodeDeploy agent on all the EC2 instances**

<https://docs.aws.amazon.com/codedeploy/latest/userguide/codedeploy-agent-operations-install-ubuntu.html>

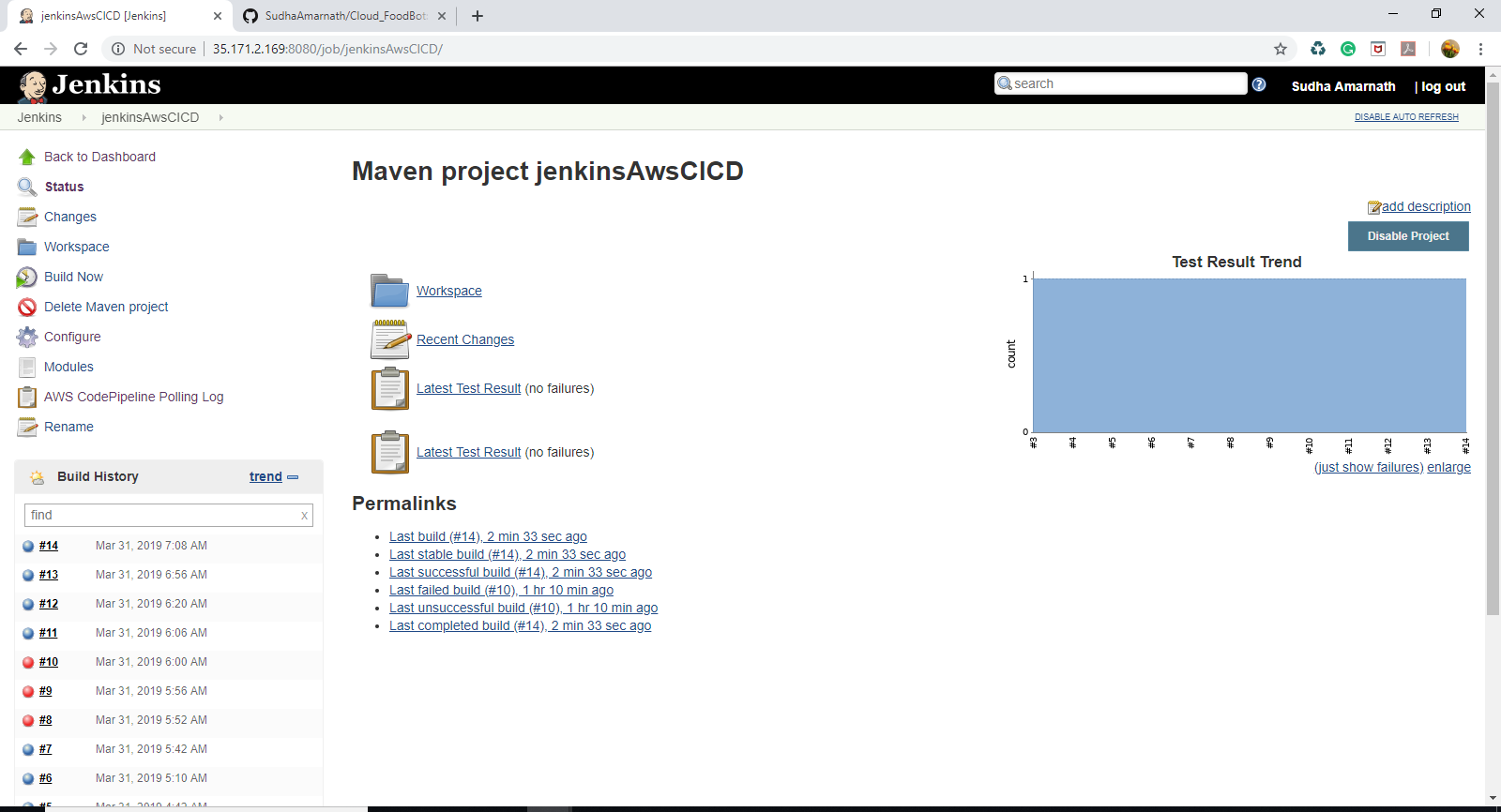
* **Install Java JDK8**
* **On Jenkins server EC2 instance install Jenkins, maven and check active status for Jenkins, CodeDeploy agent.**

**On Jenkins server EC2Instance the CodeDeploy agent , Jenkins server status are active and are up and running.**

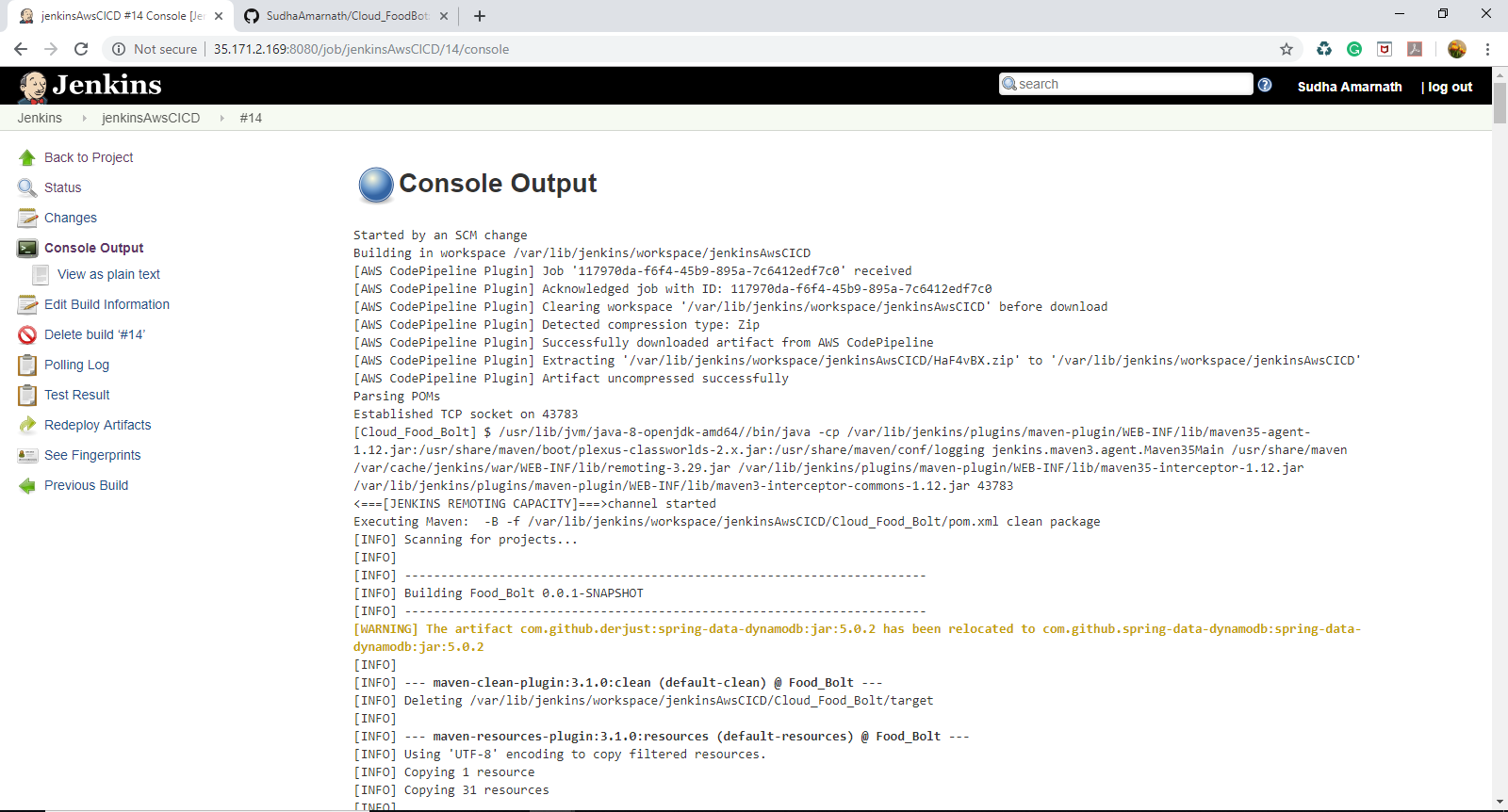
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**Open Jenkins on** [**http://35.171.2.169:8080**](http://35.171.2.169:8080)**. Set up Build environment with AWS CICD Pipeline.**

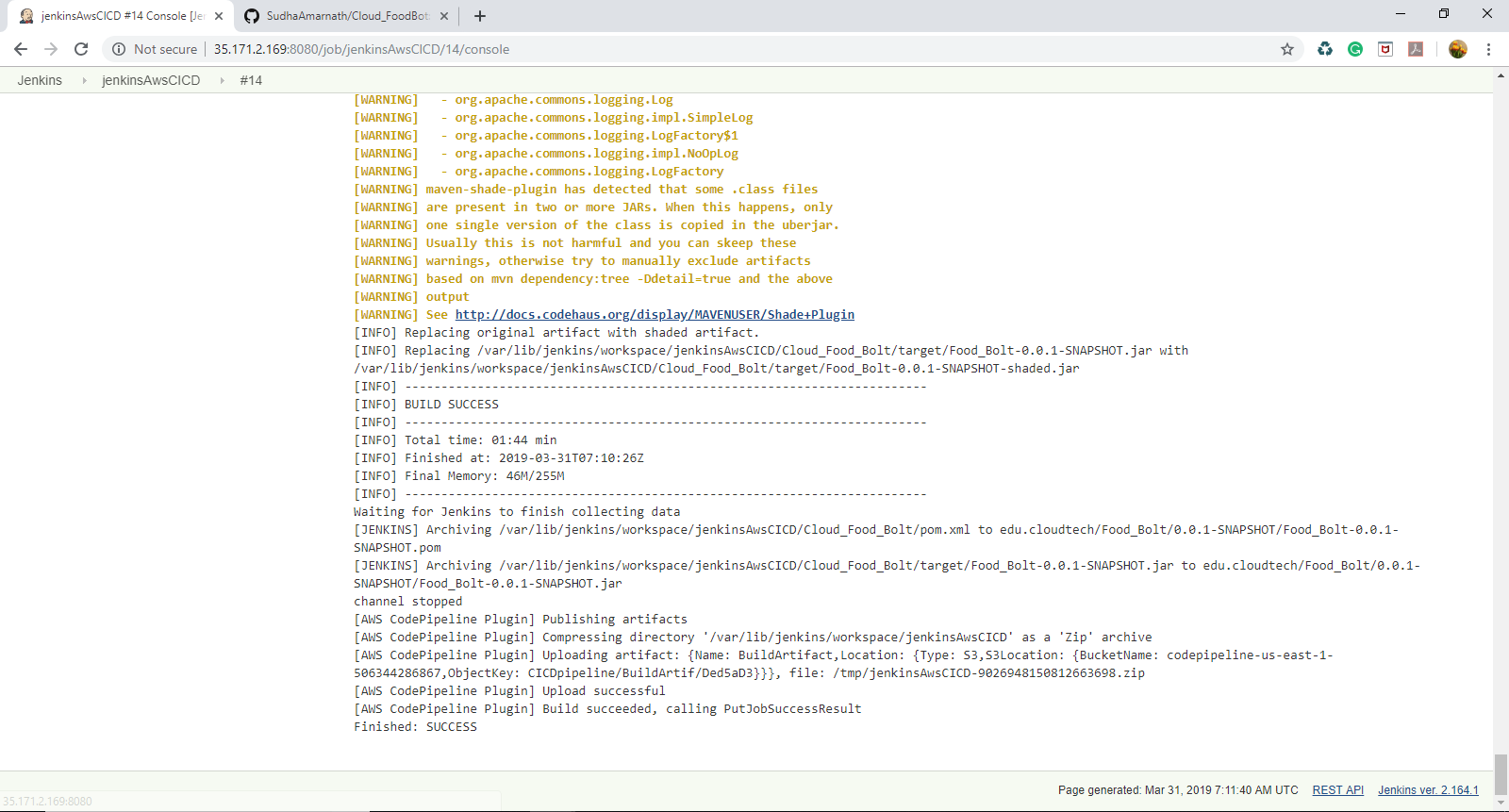
**Latest Builds successful**

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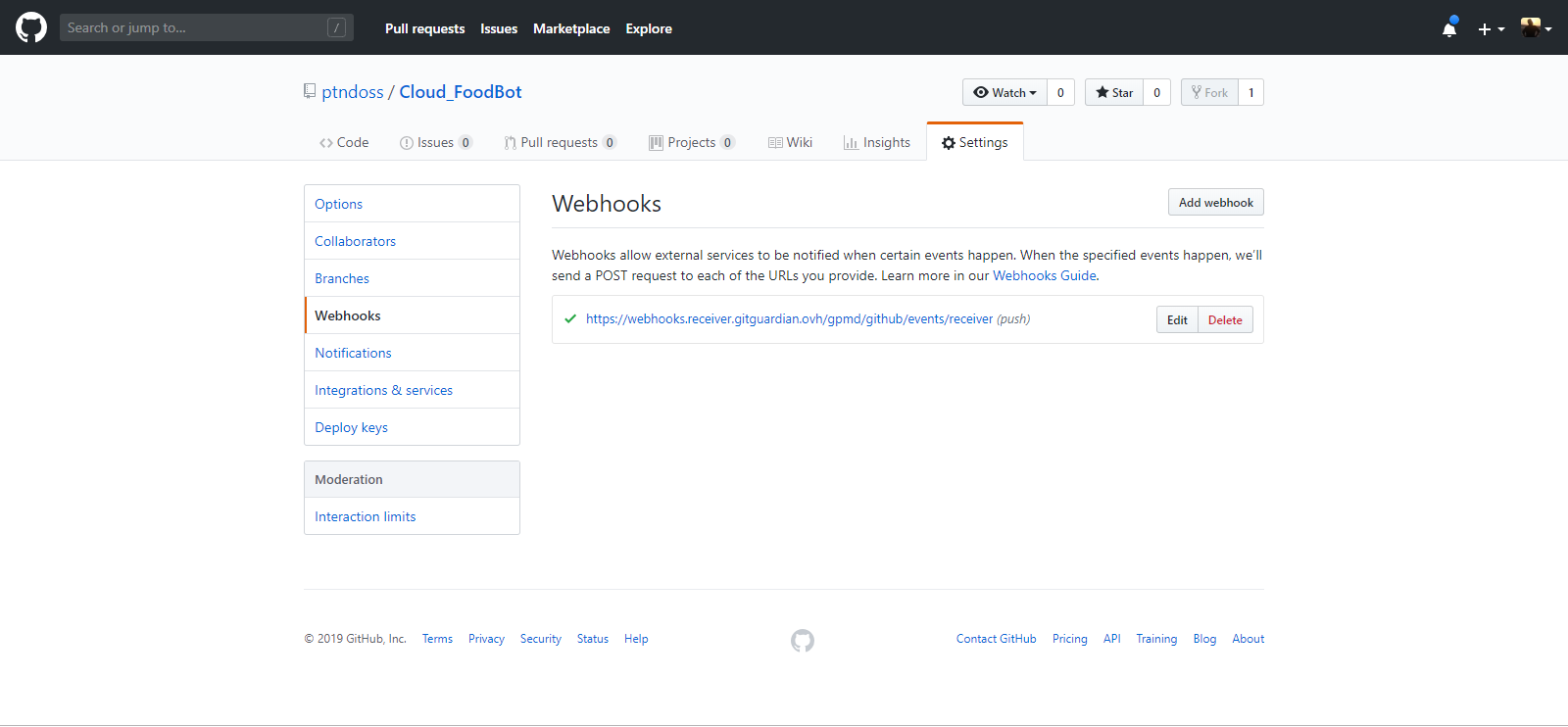
**The source artifacts are received from aws codepipeline to Jenkins. Jenkins runs the build.**

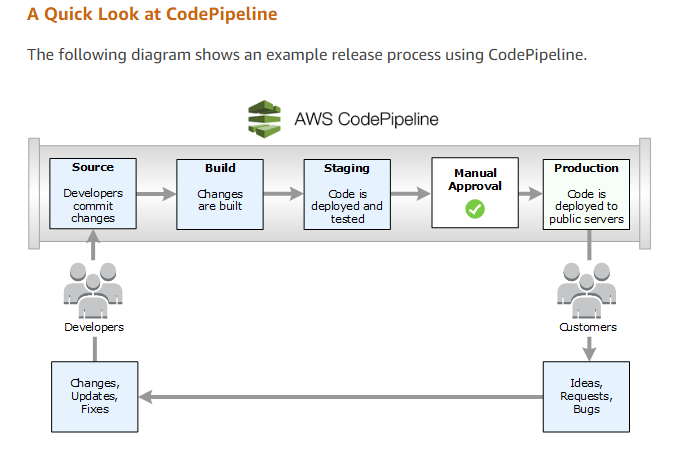
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**Once the build is successful the build artifacts are sent from Jenkins to code pipeline**

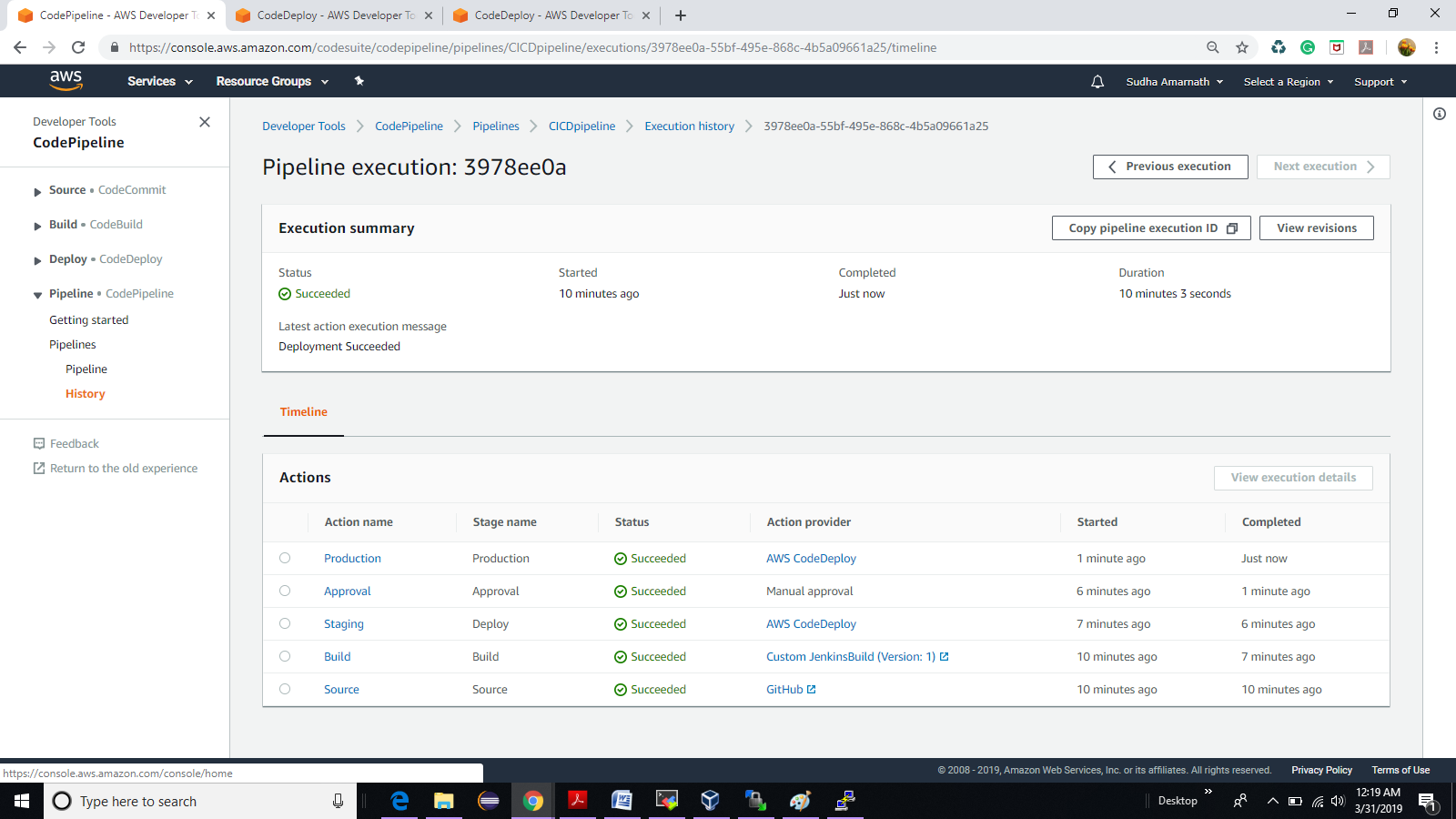
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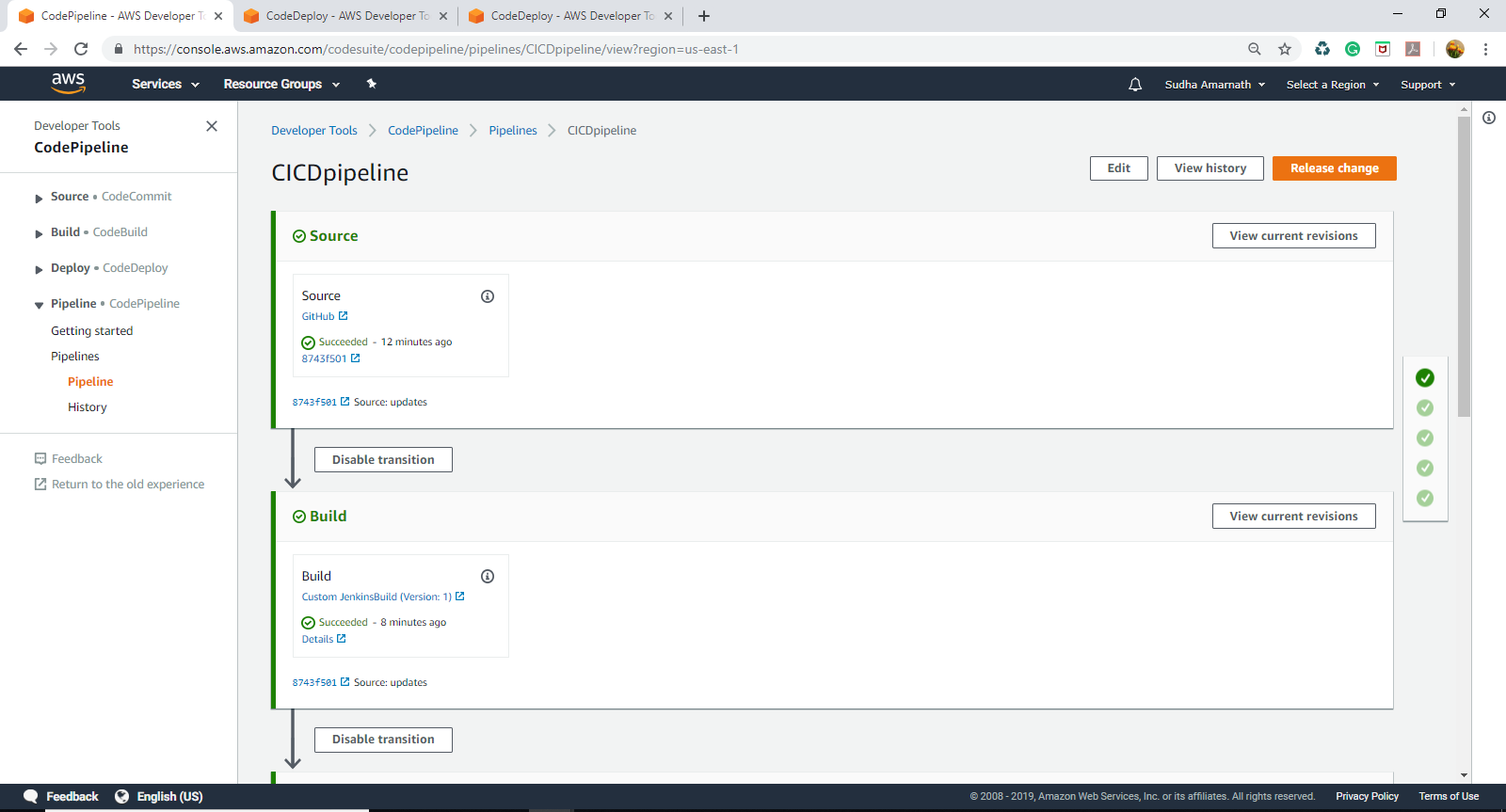
**Github Webhooks for the project**

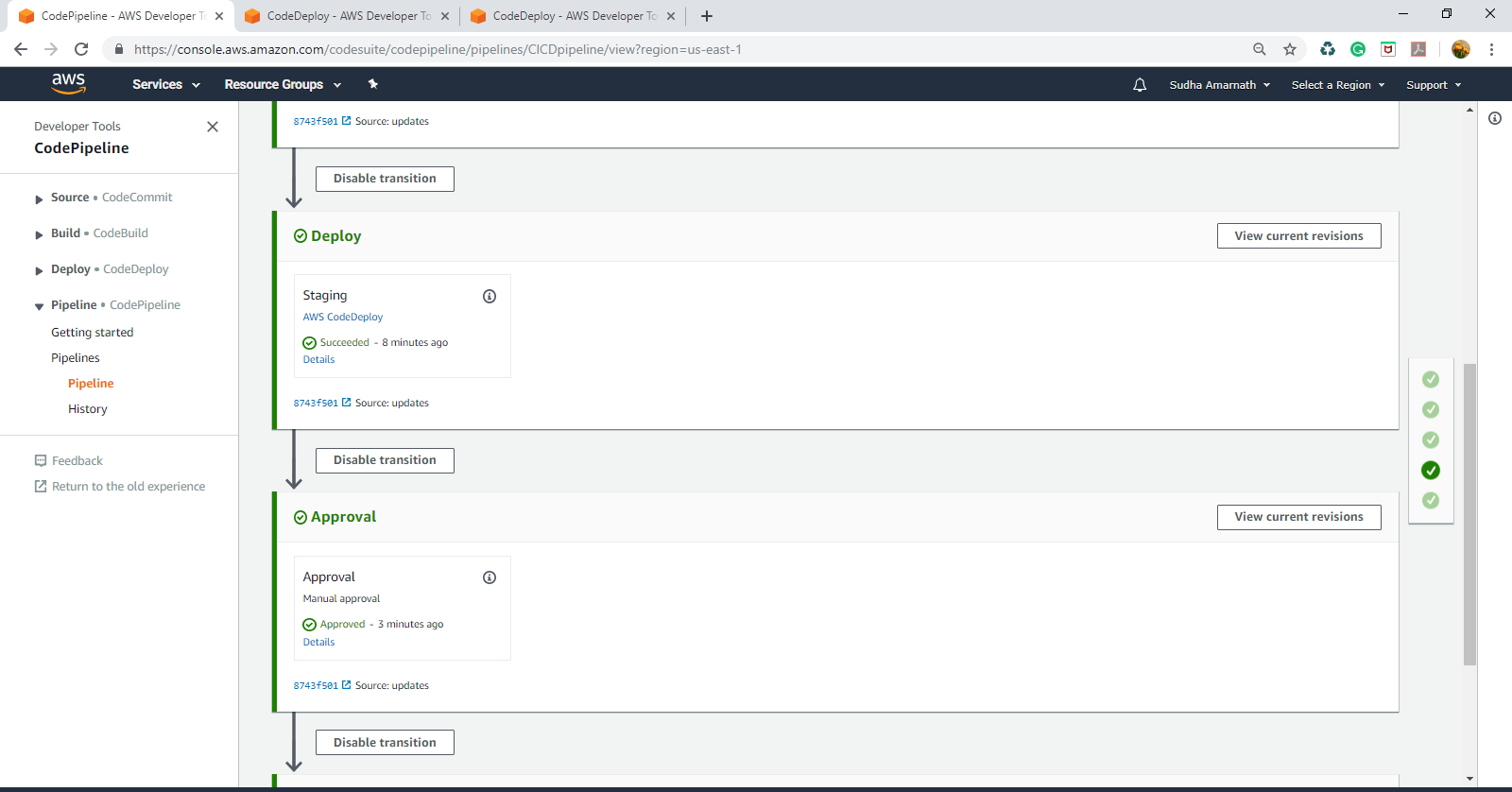
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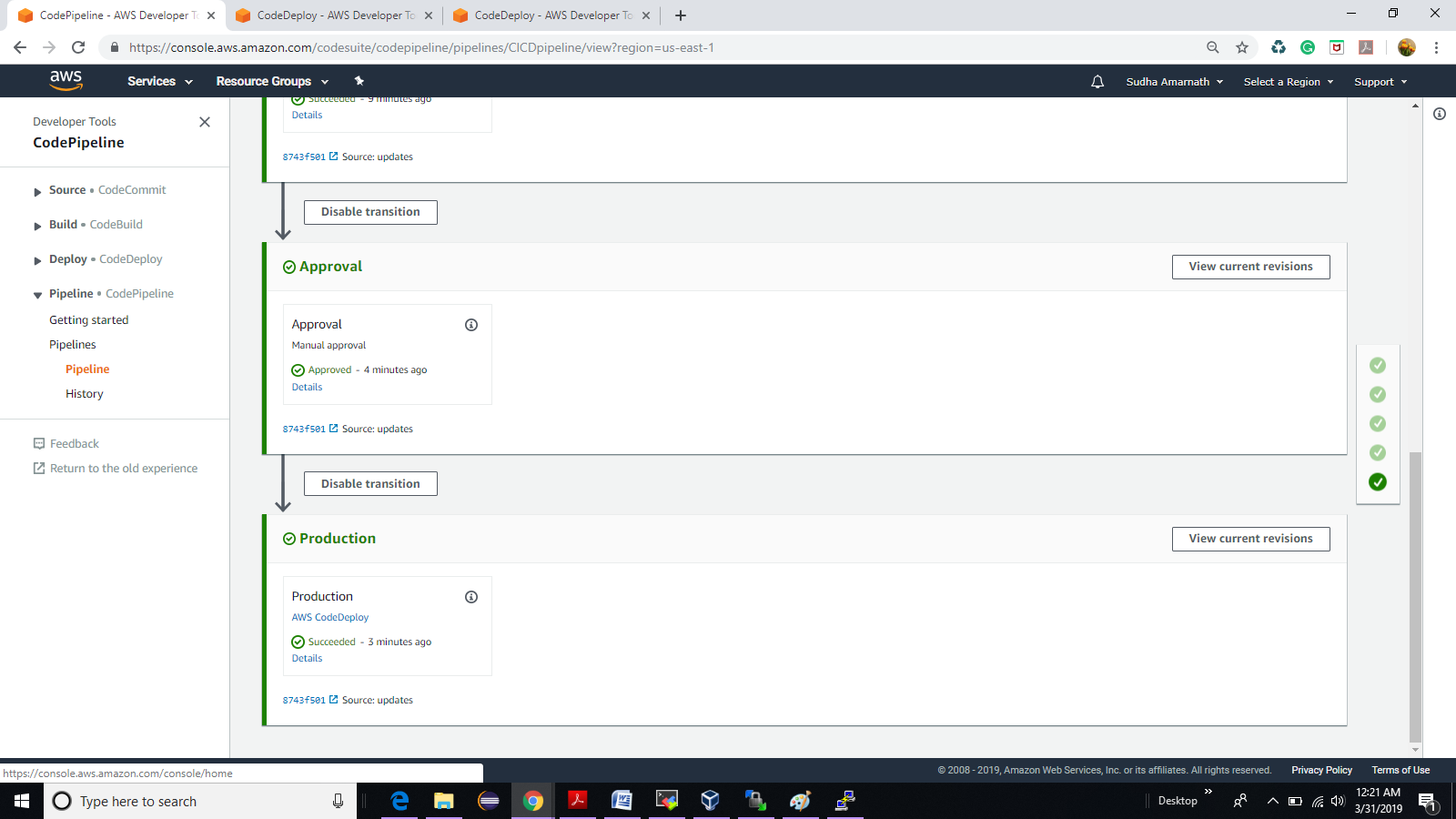
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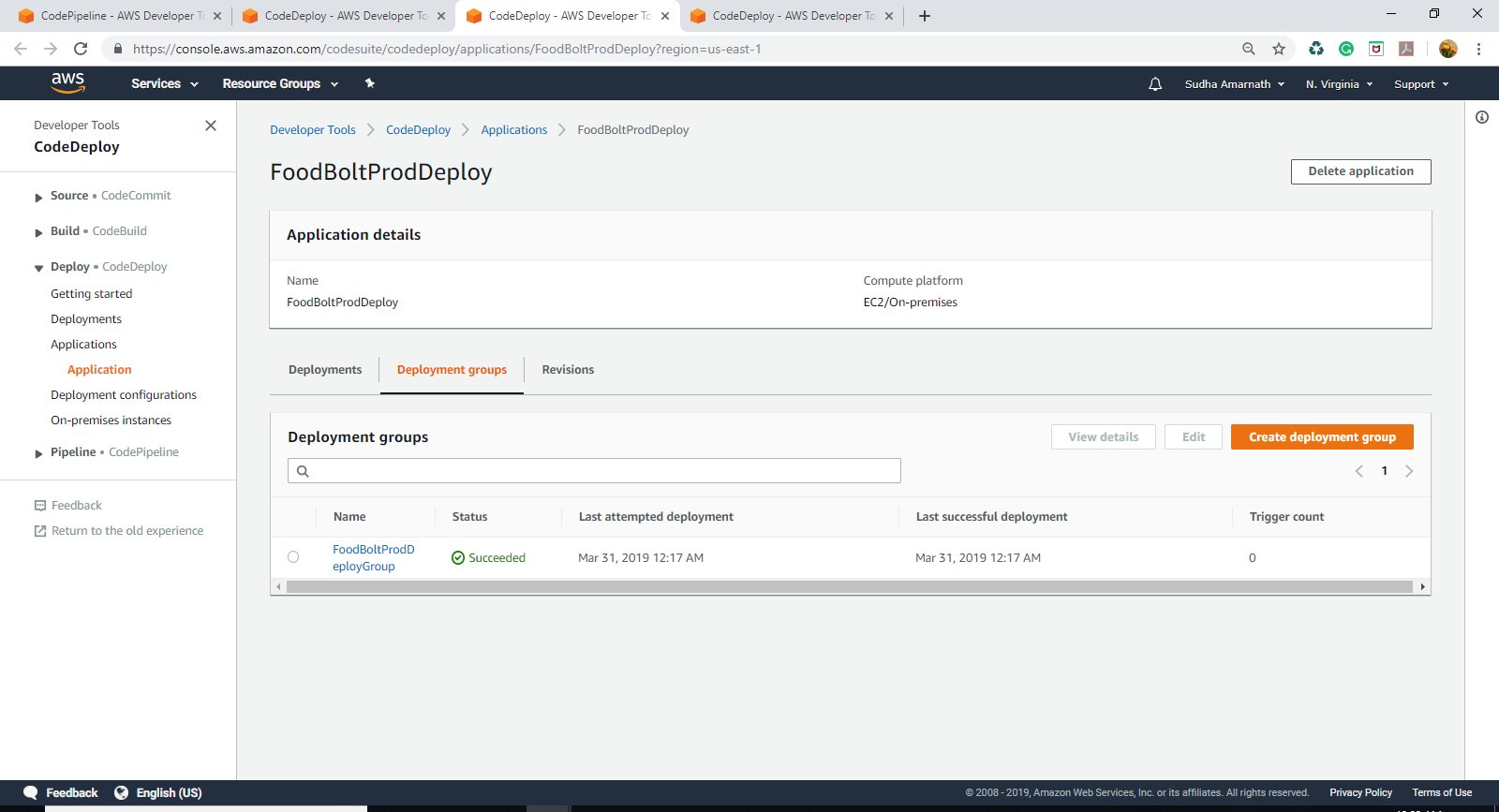
**Succesuful execution of all the above stages in AWS CodePipeline**

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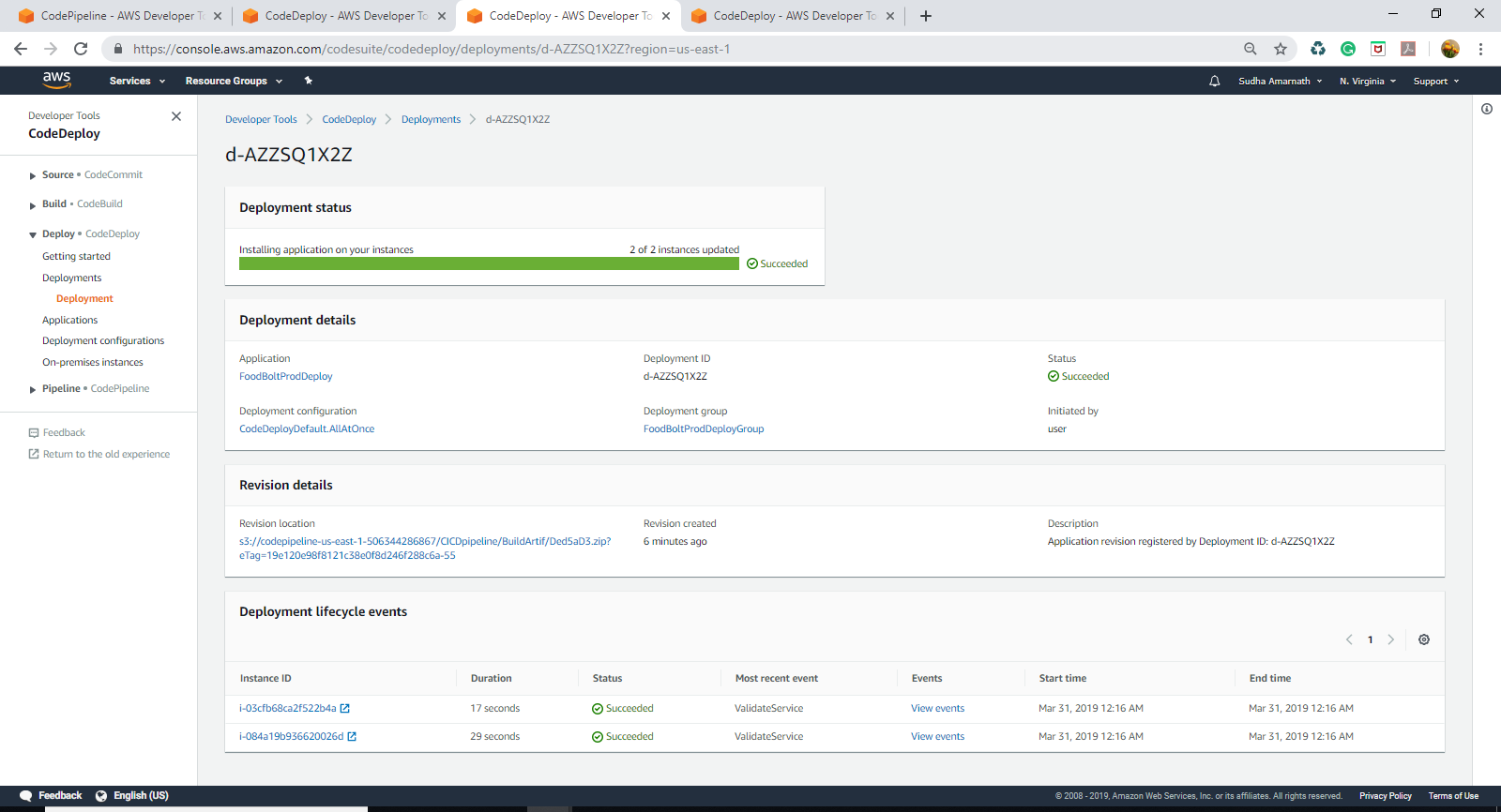
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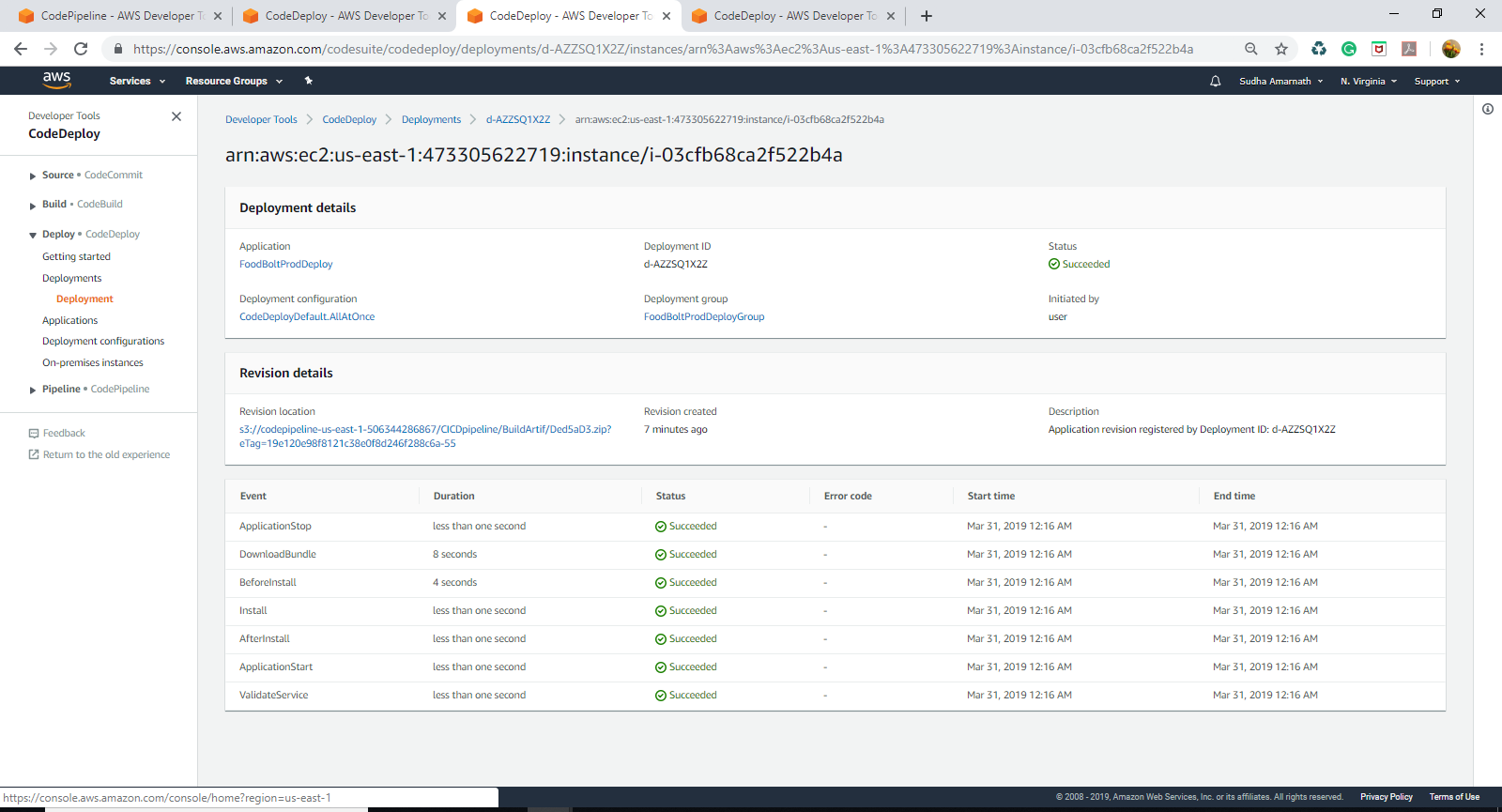
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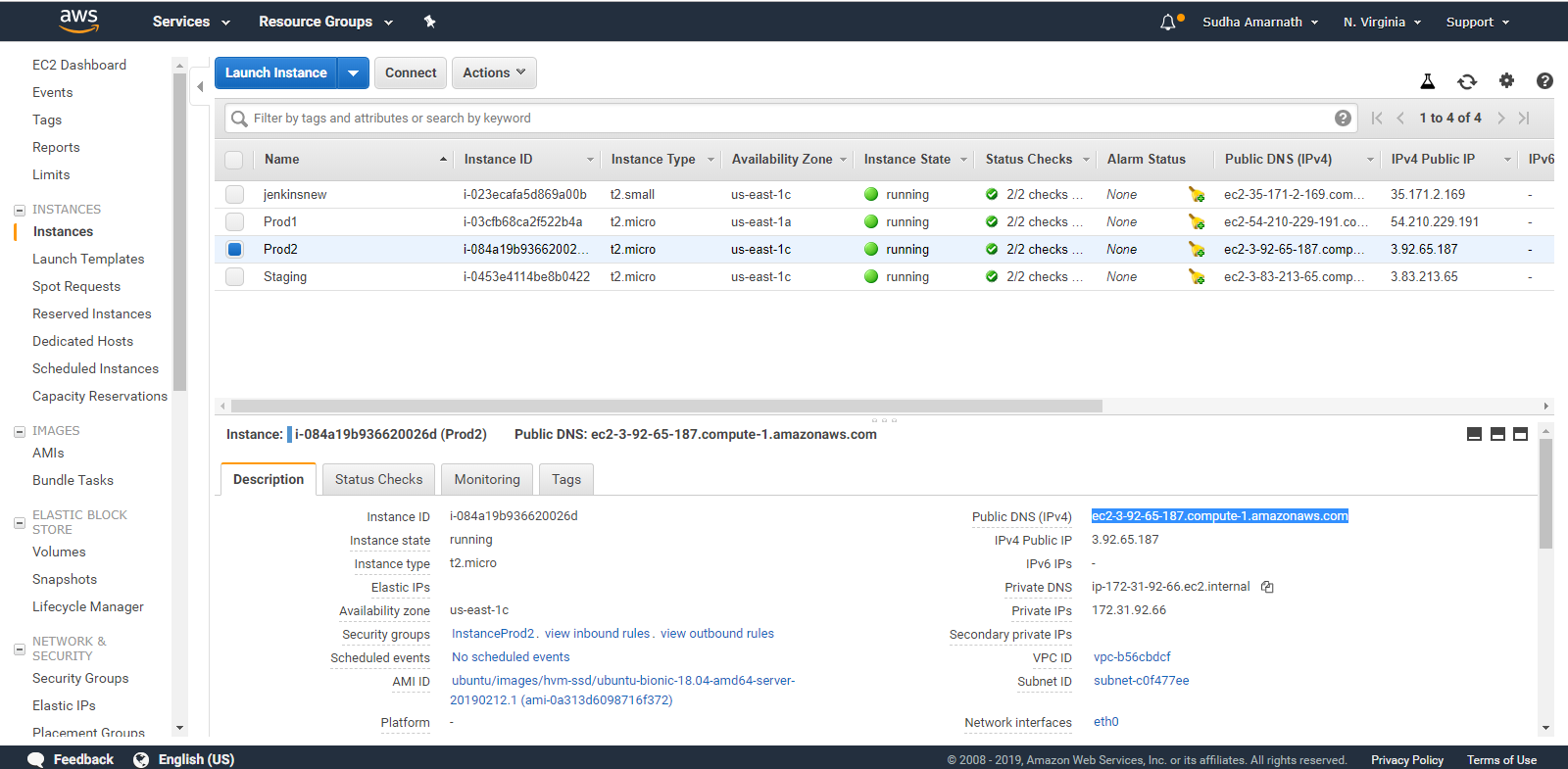
**Deploy logs**

****

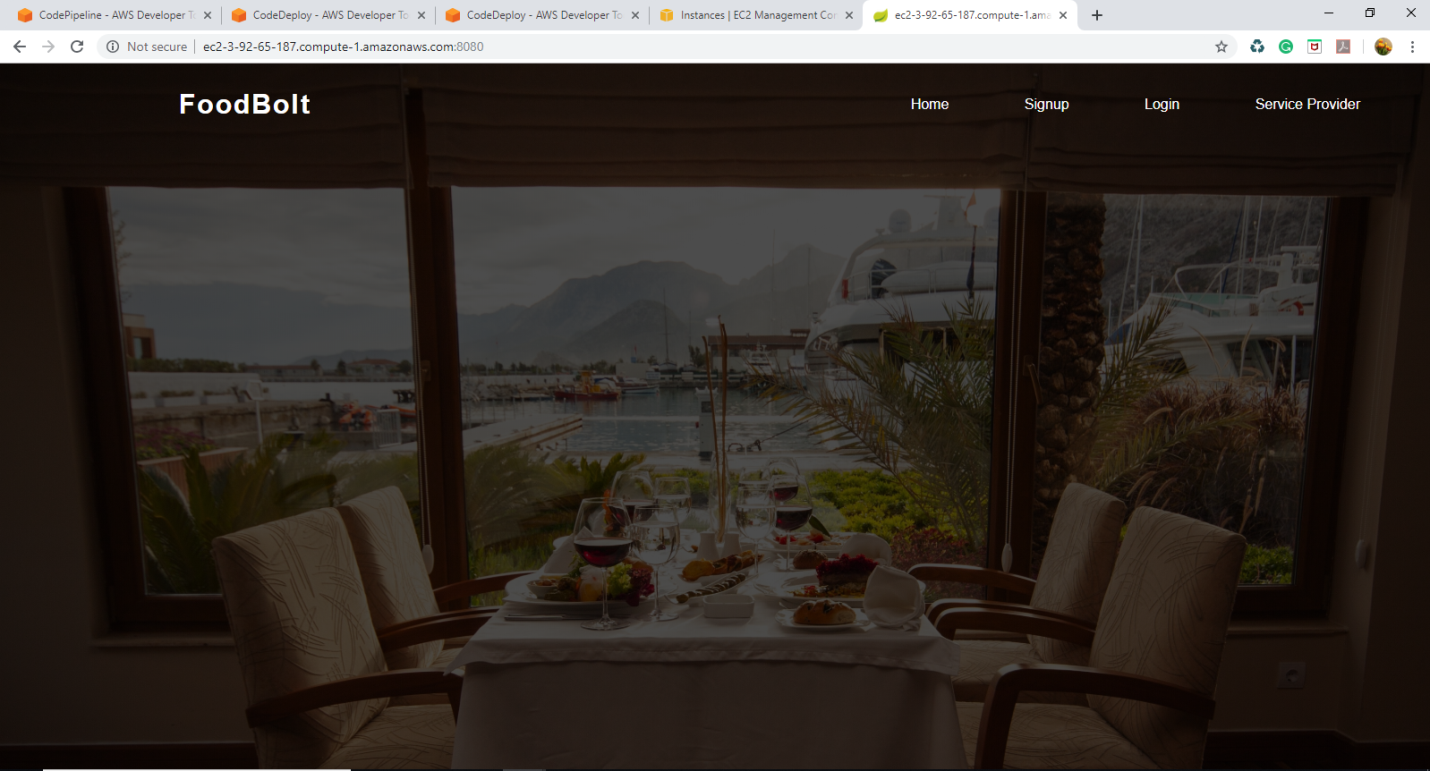
**Events in EC2 instance code deployment**

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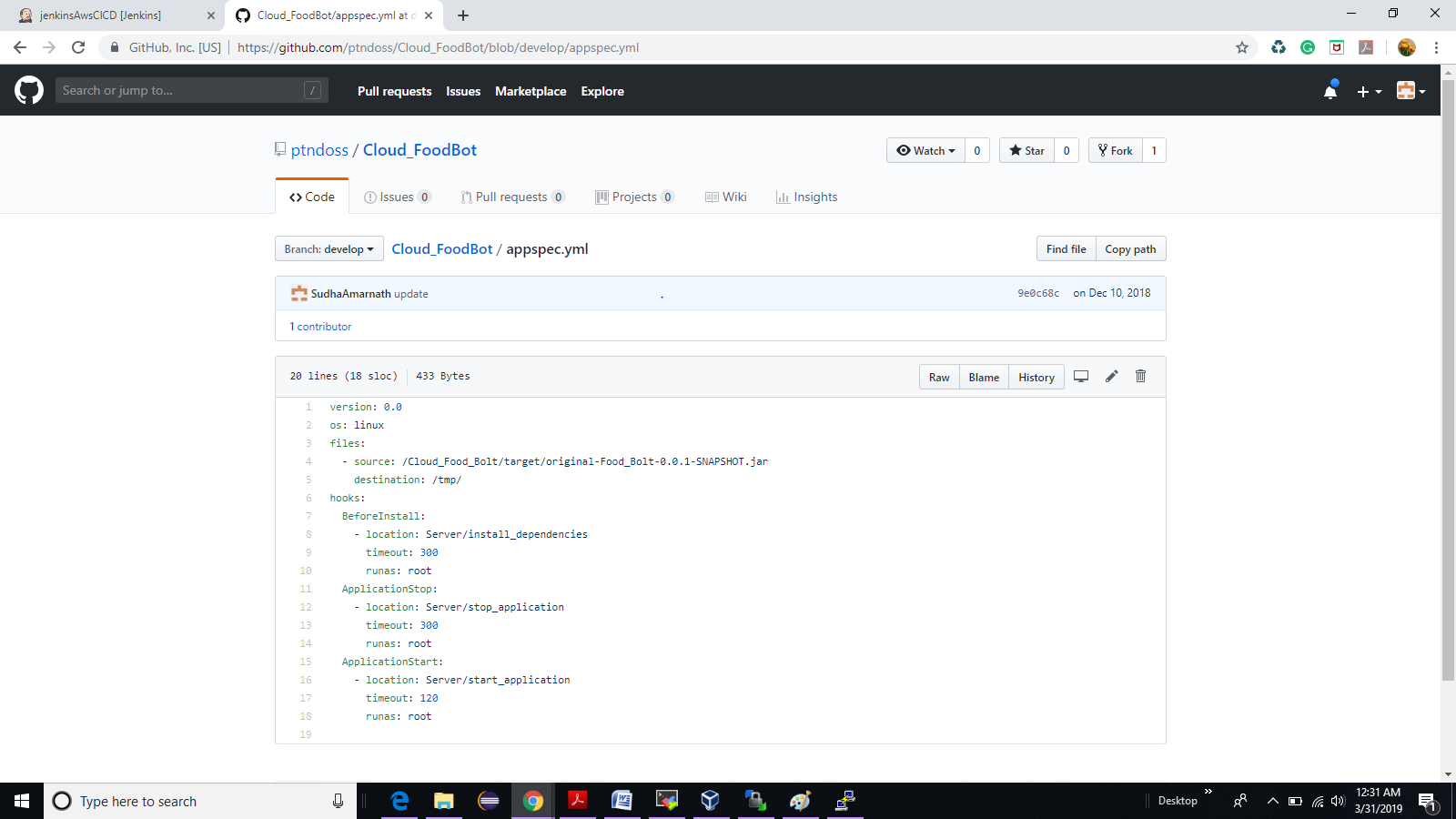
**EC2 instances. Checking for Prod2 instance DNS working for the Project.**

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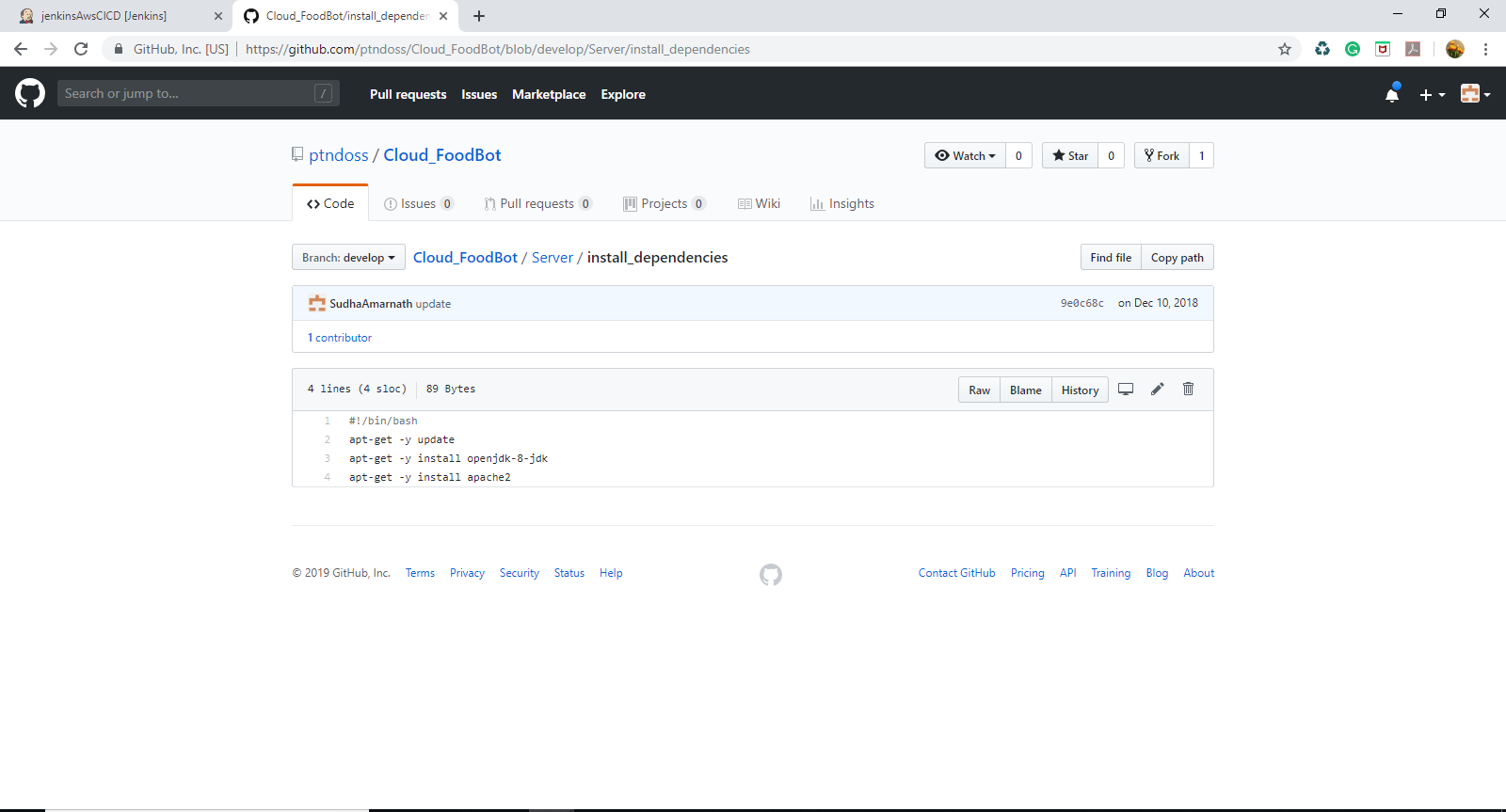
**Project deployment from Production environment (Prod2)**

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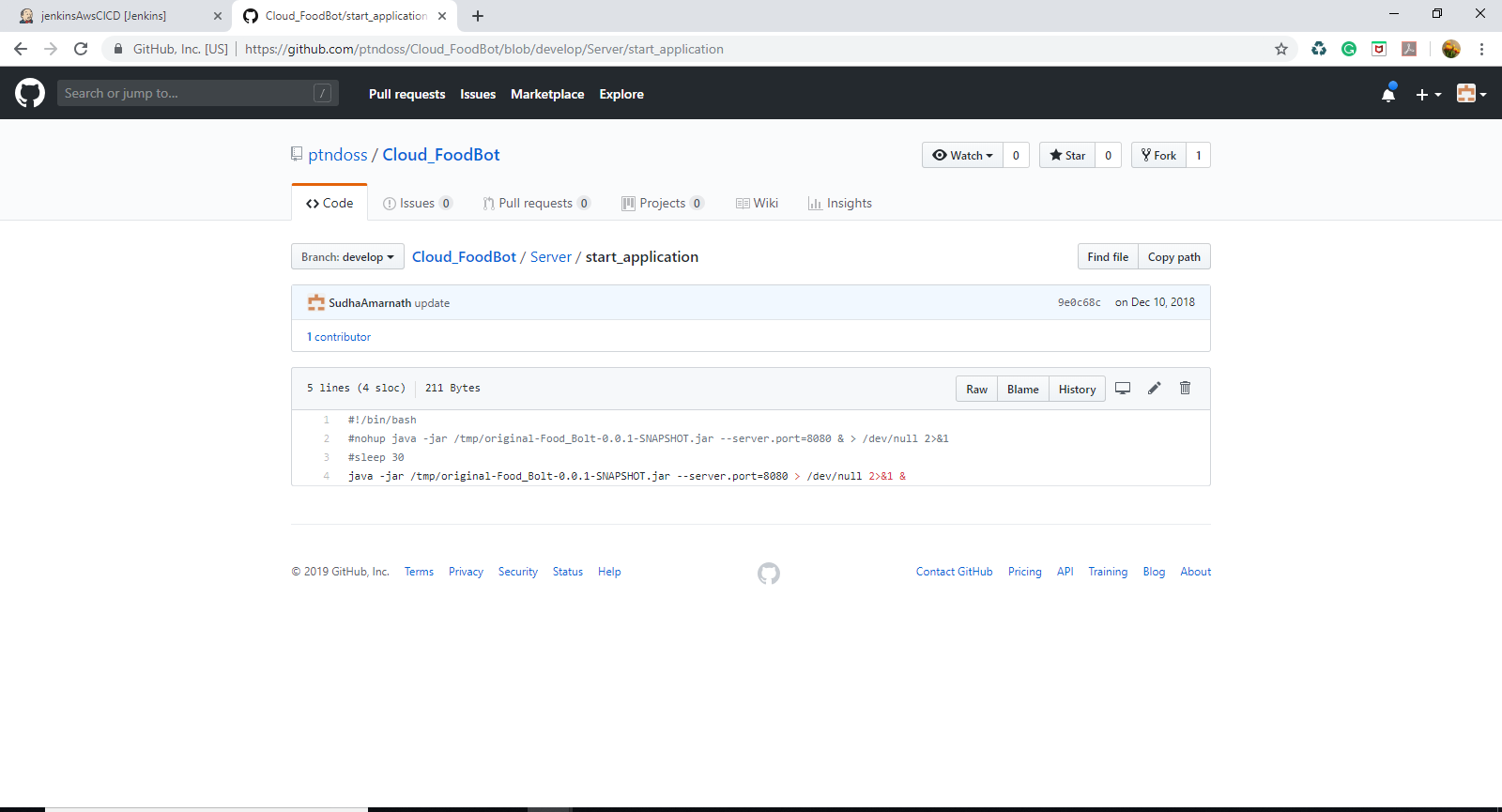
**Automation of the continuous integration is done in the YAML script**

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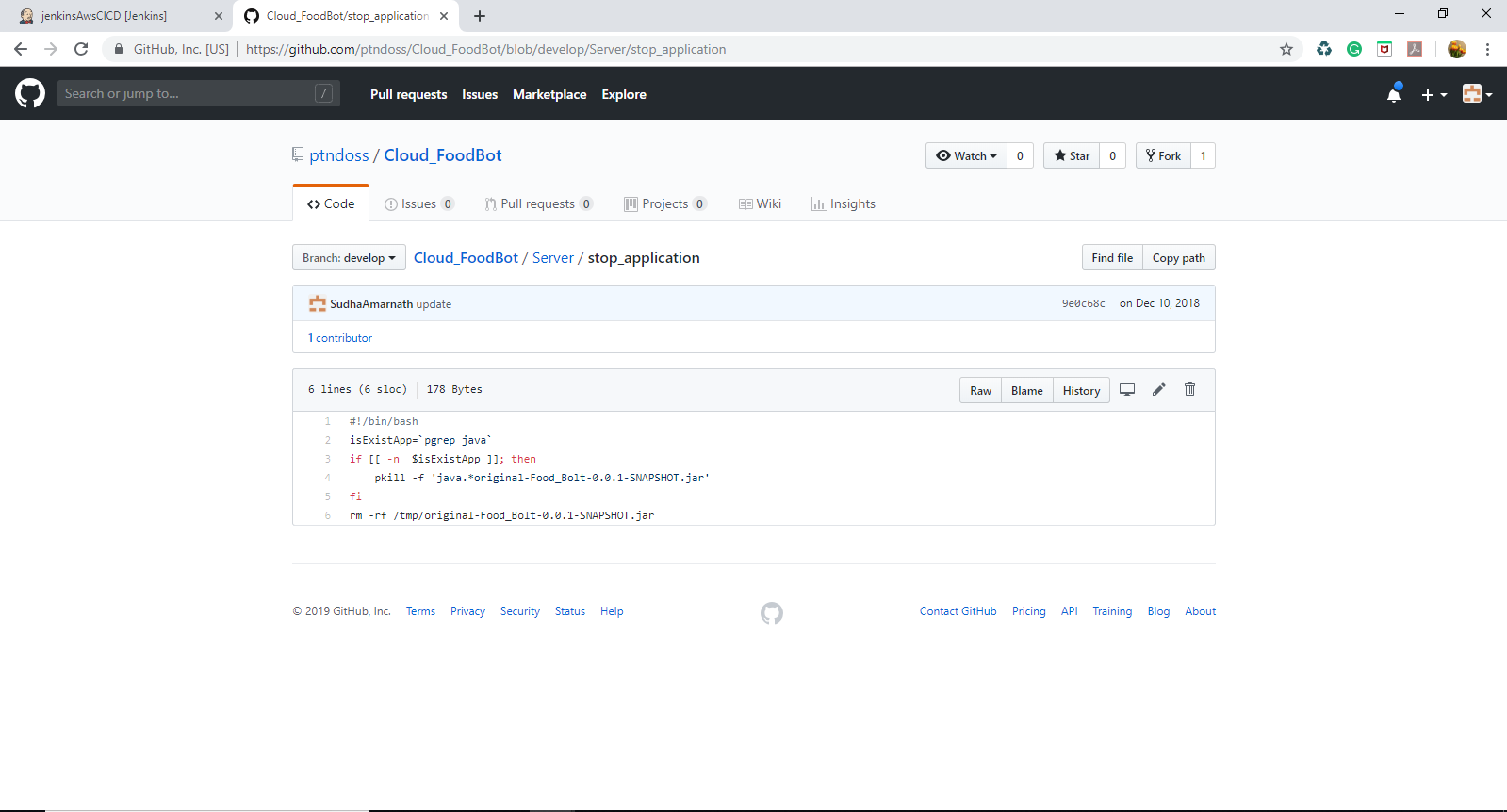
**install\_dependencies**

****

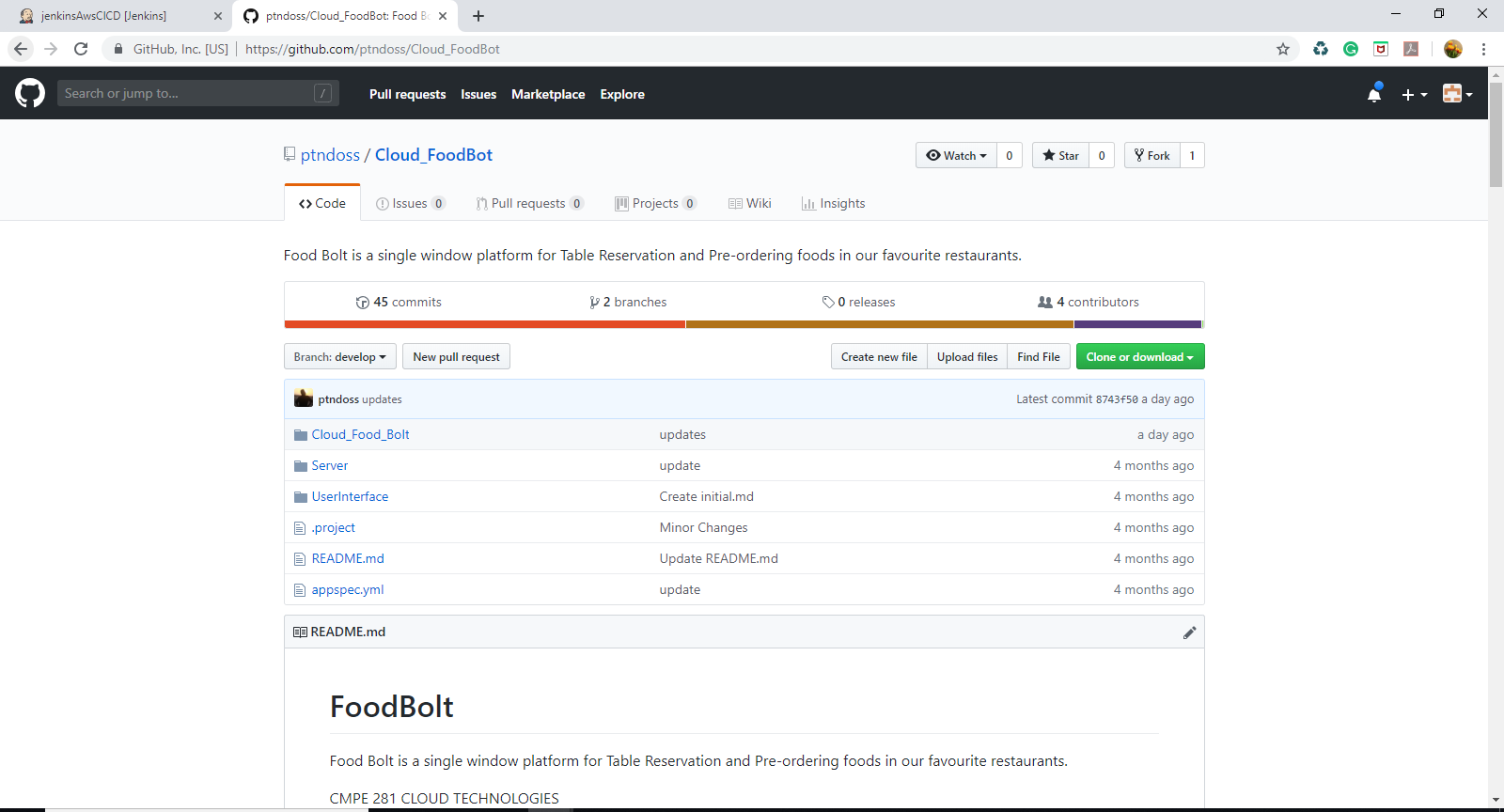
**start\_application**

****

**stop\_application**

****

**Github link** - <https://github.com/ptndoss/Cloud_FoodBot/tree/develop>

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