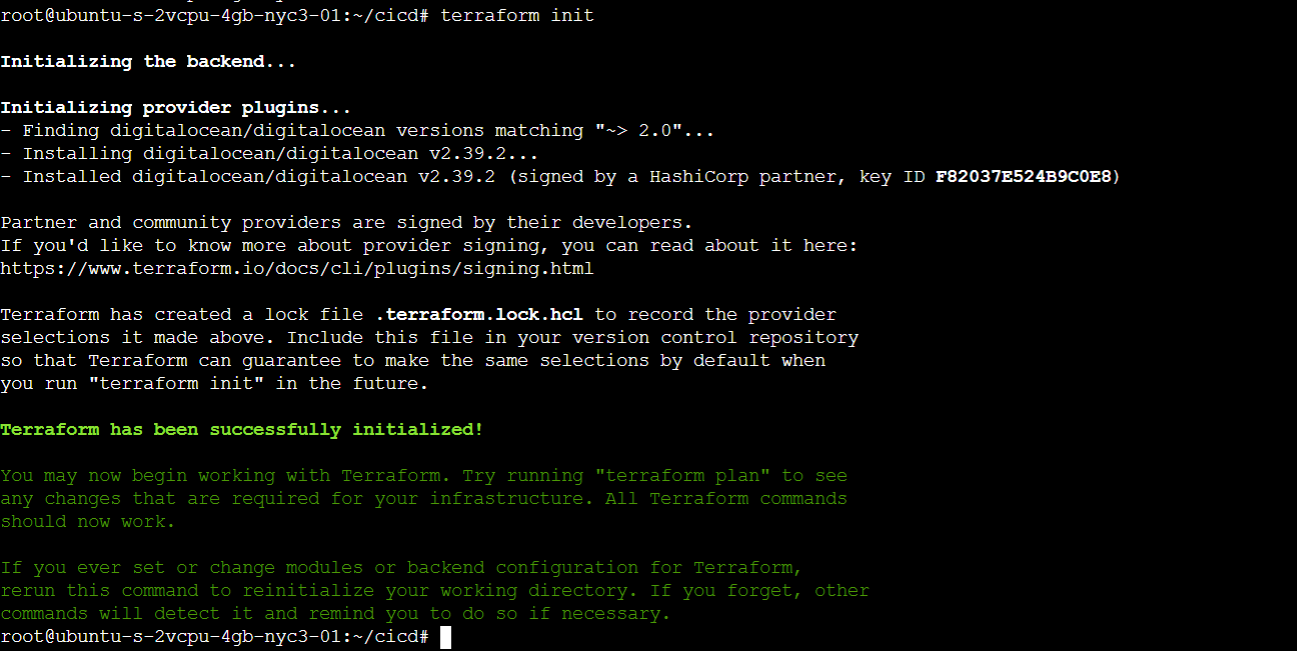
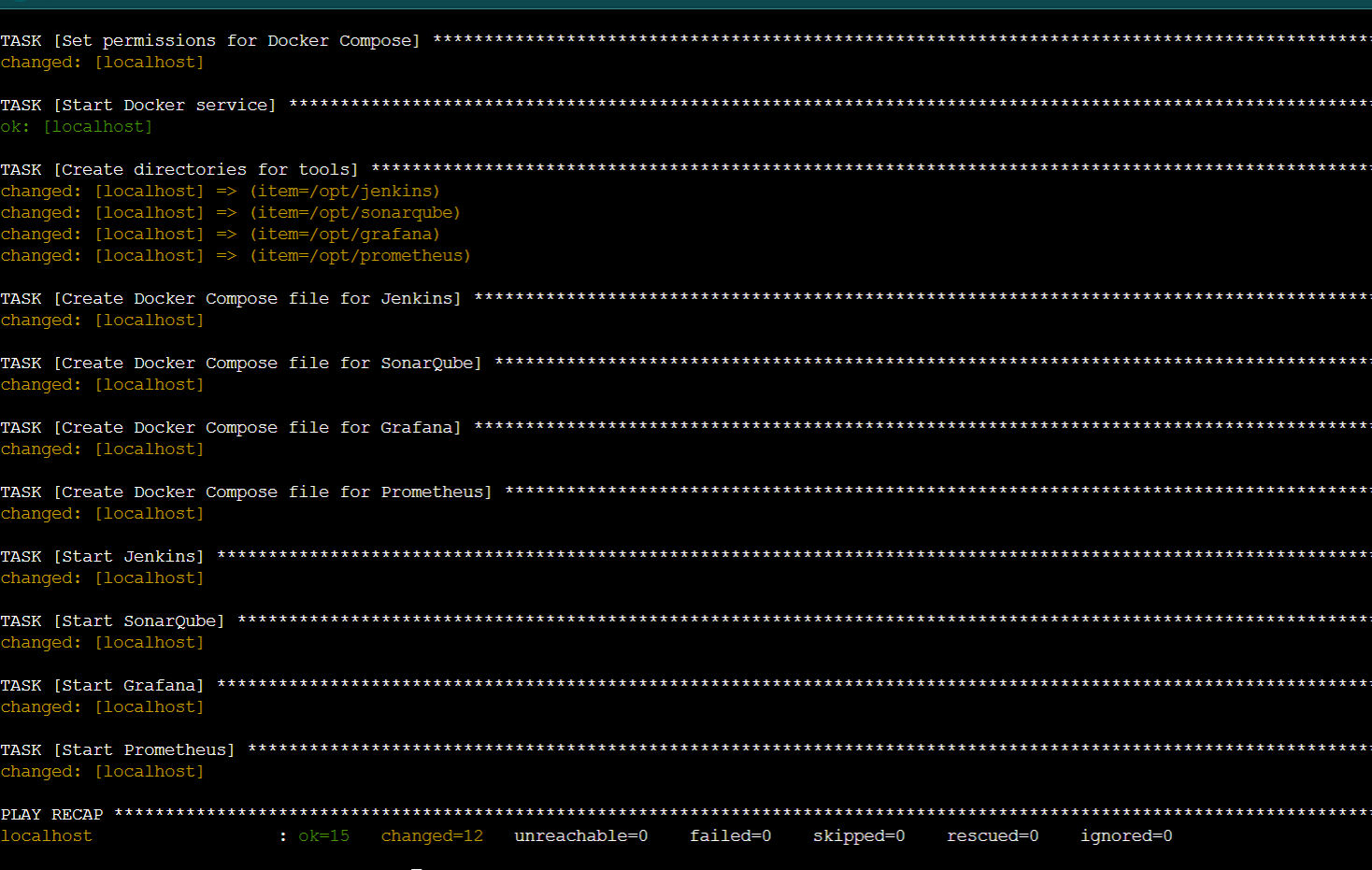
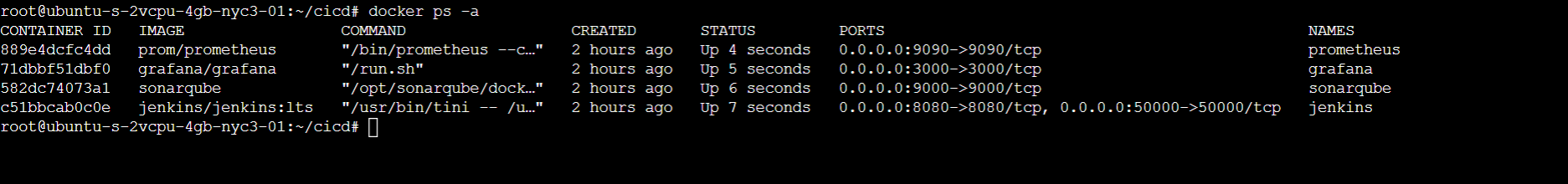
**Initializing Terraform**



**Running the ansible playbook to create the tools for the implementation such as Jenkins SonarQube, Prometheus and Grafana**

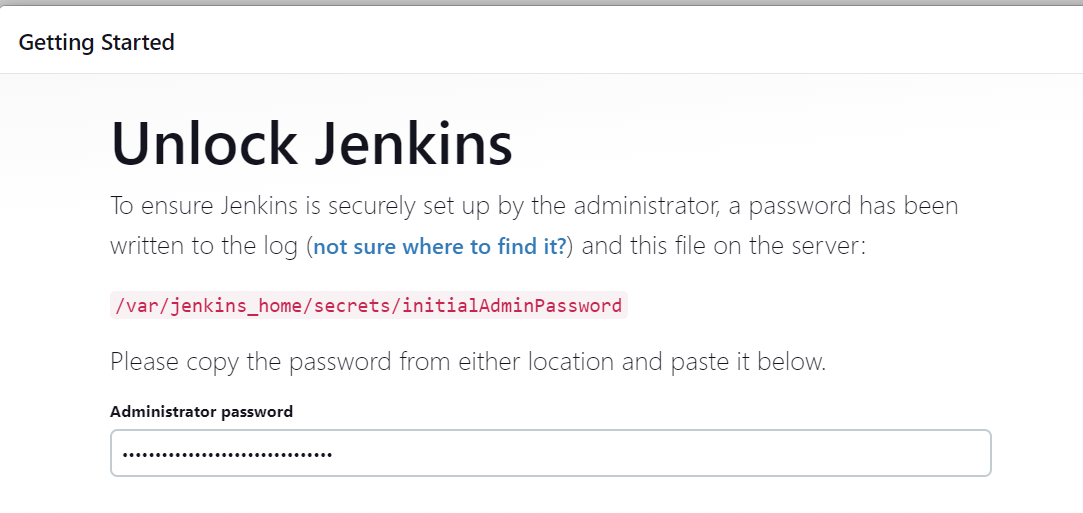


**Running containers after the ansible playbook ran successfully**

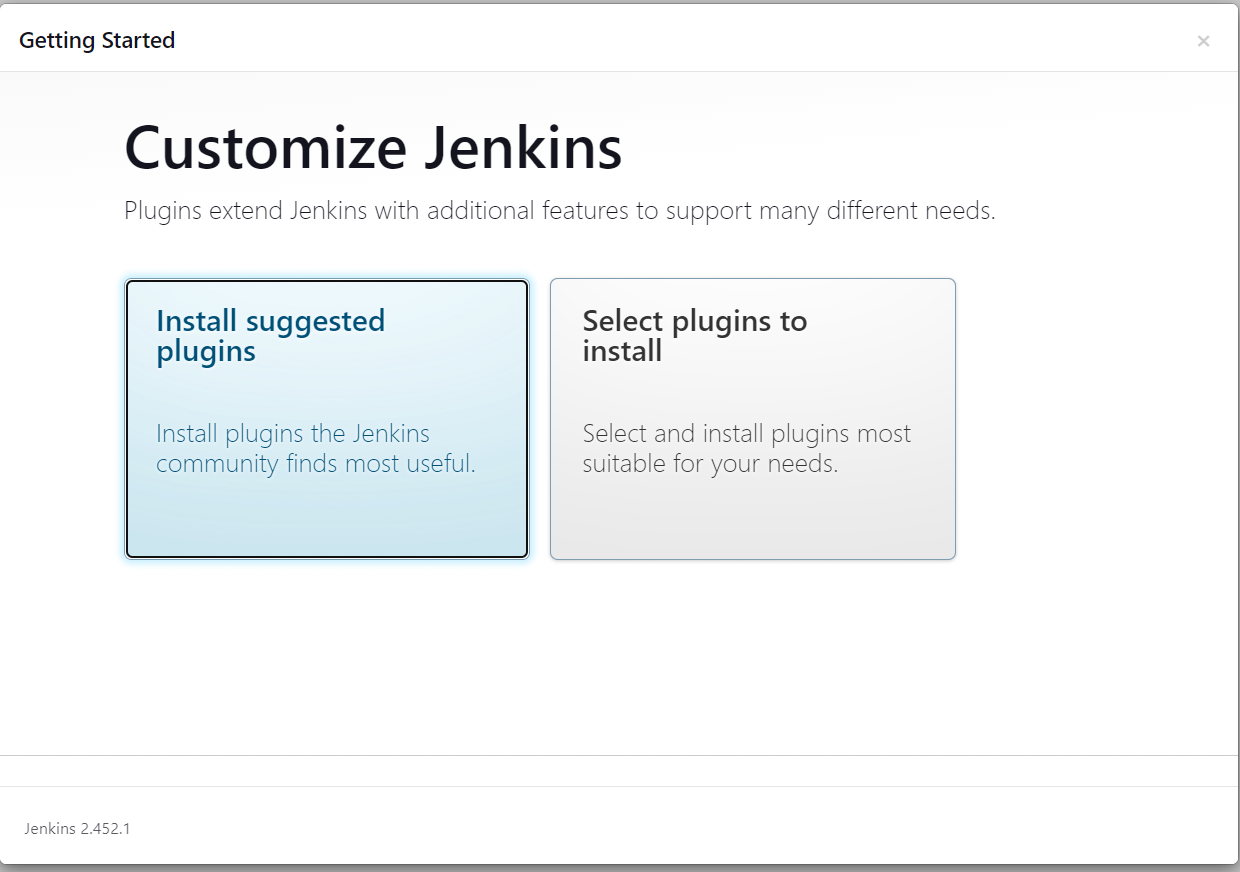


**Jenkins Setup**

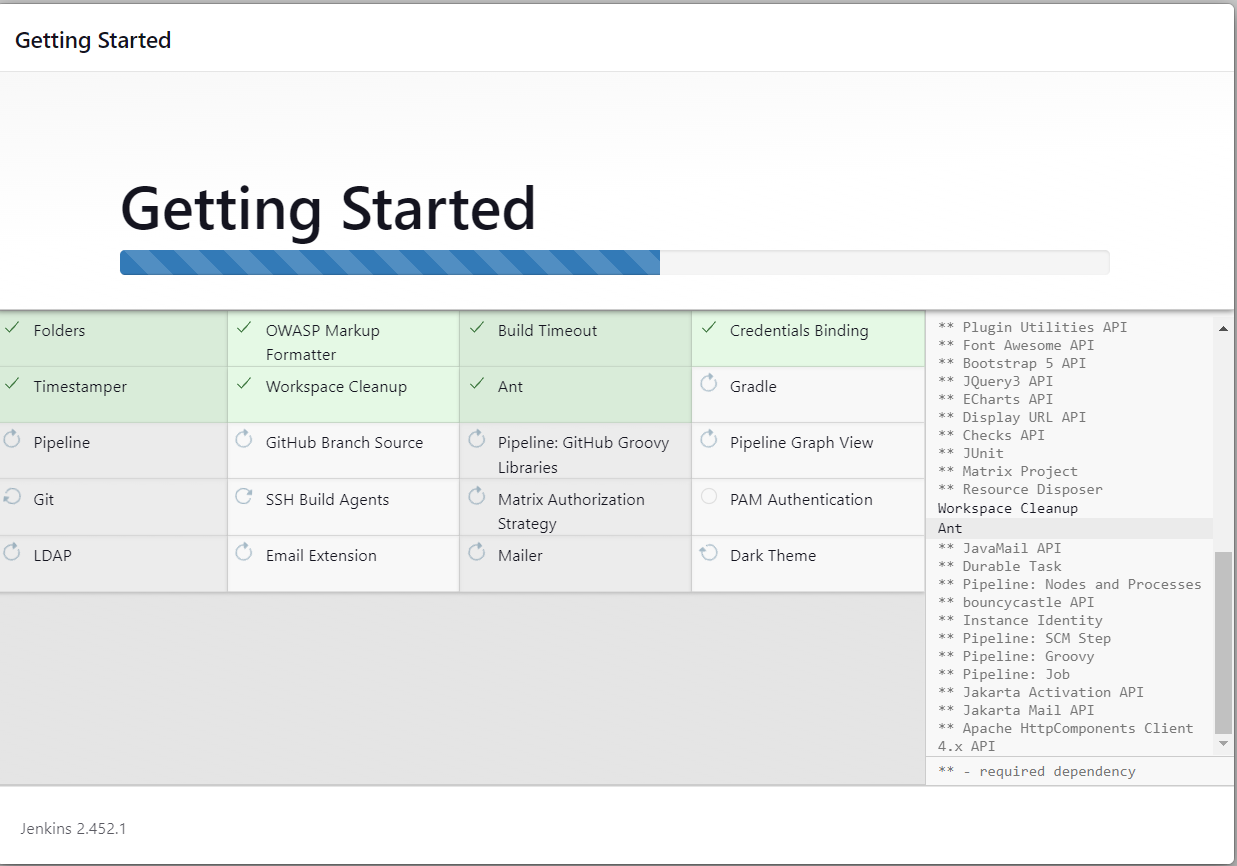
**Unlocking the setup with the password provided by the Docker image**



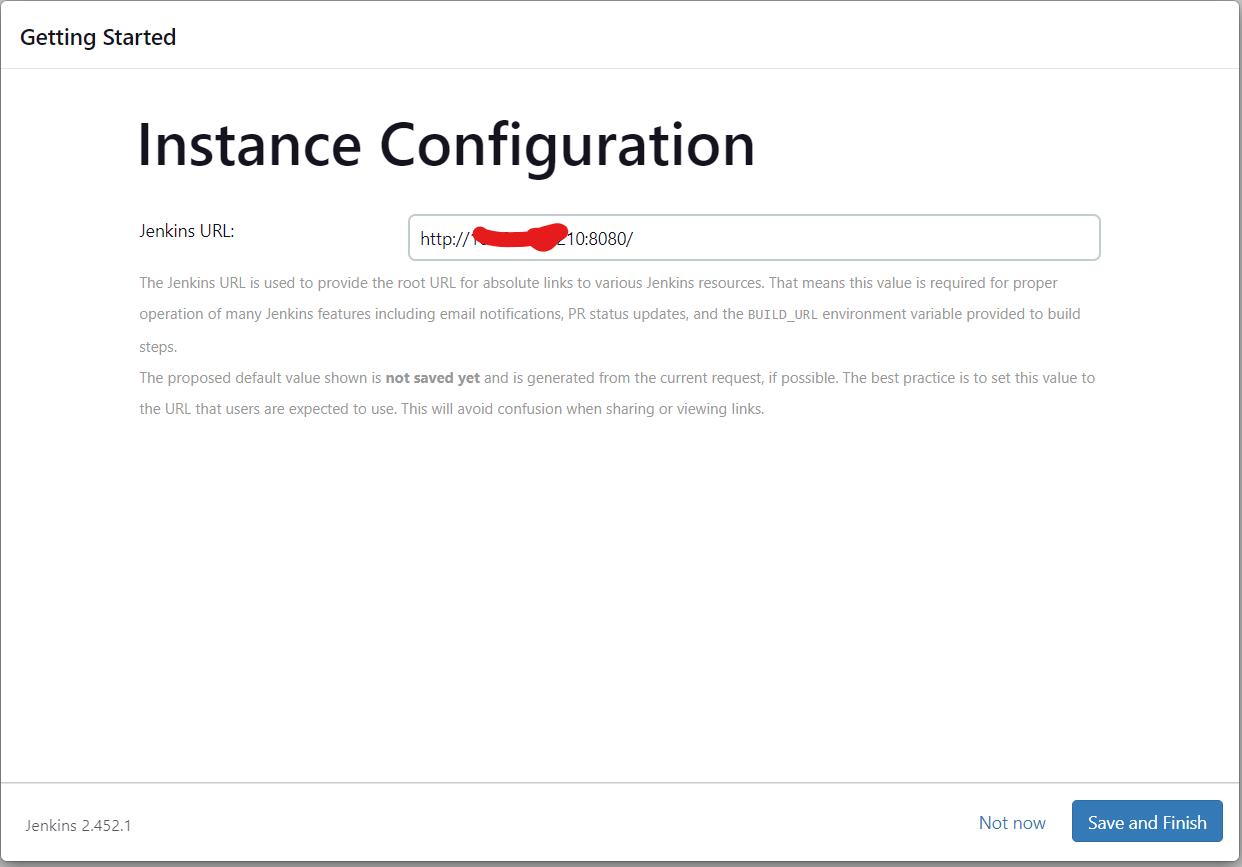
**Install the necessary plugins that Jenkins Suggests**



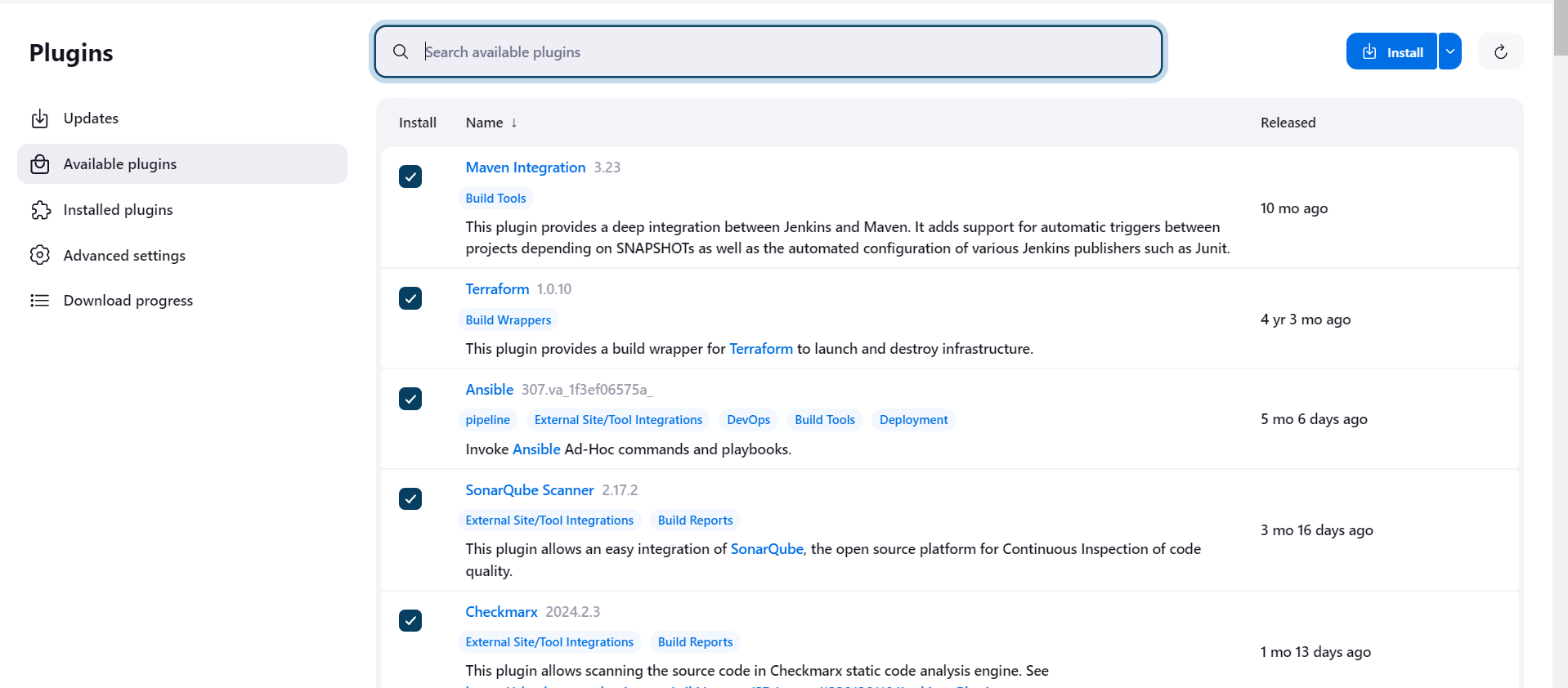
**Start the Jenkins installation**

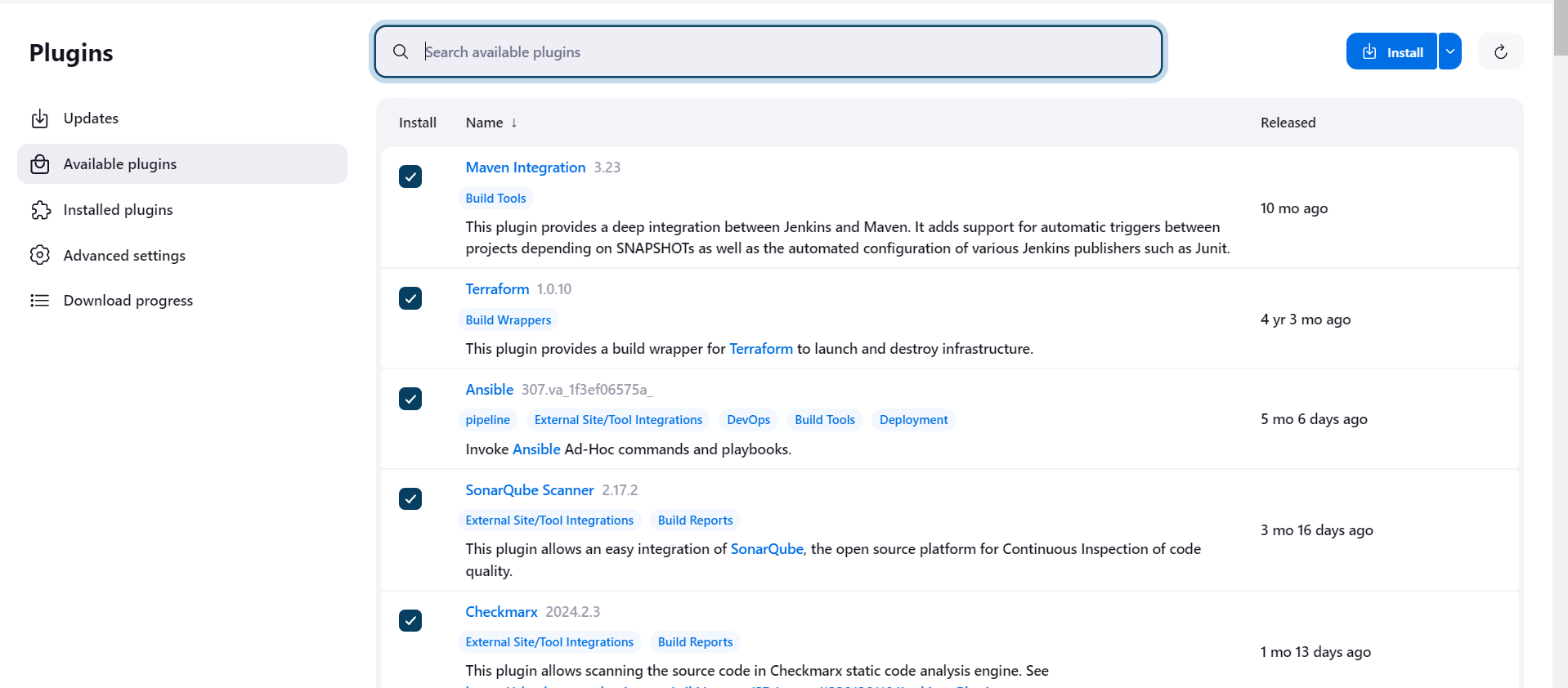


**Jenkins Installation completed**

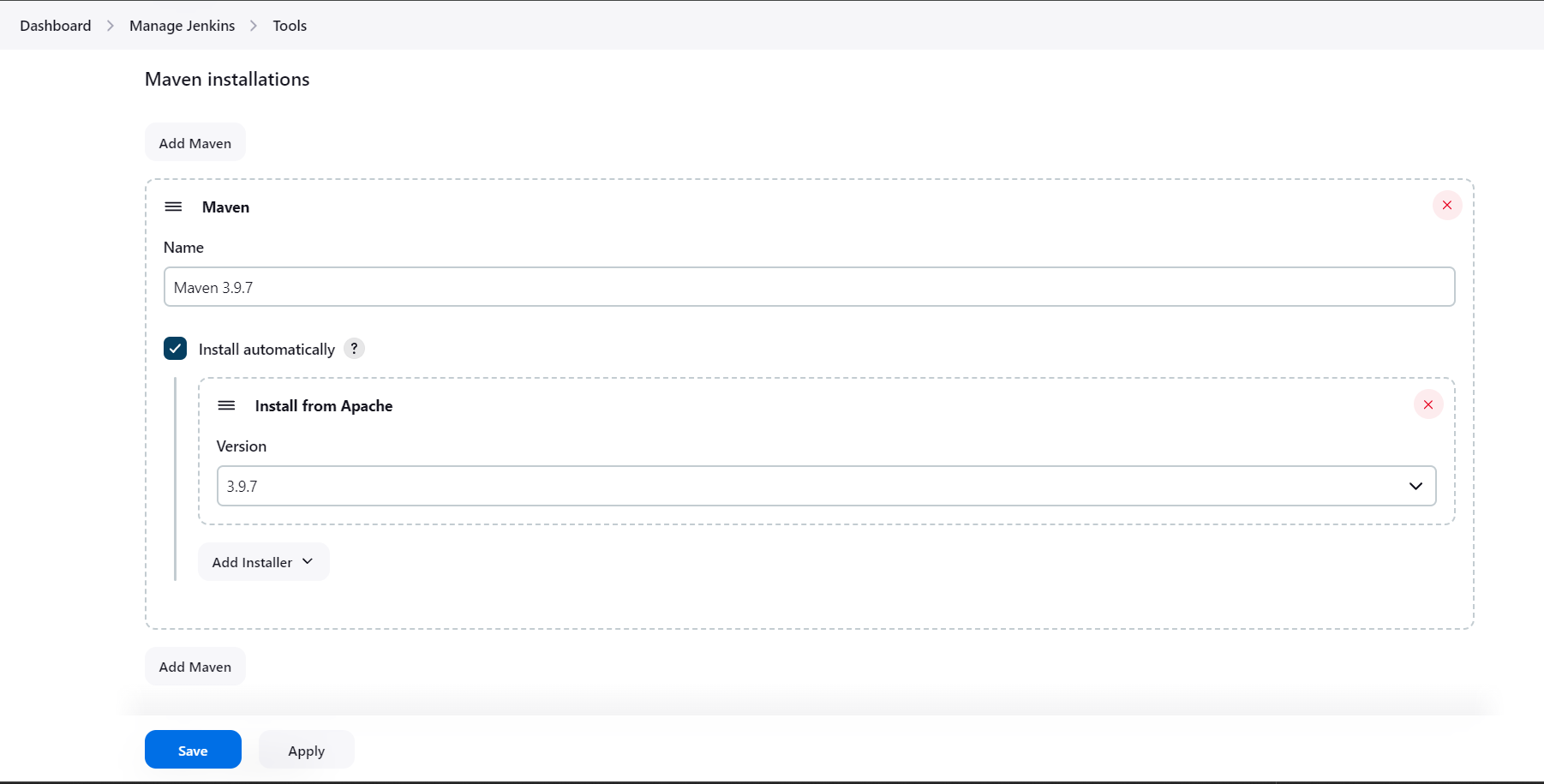


**Showing the installation of the required plugins that are needed to run the pipeline**

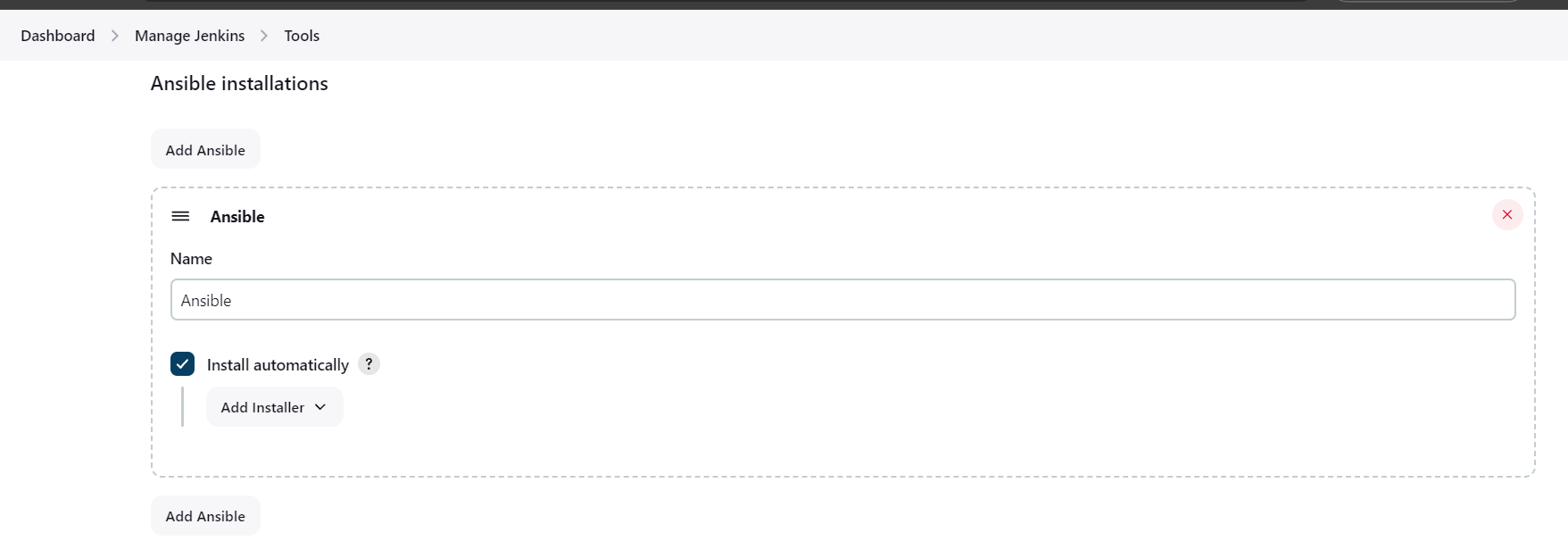




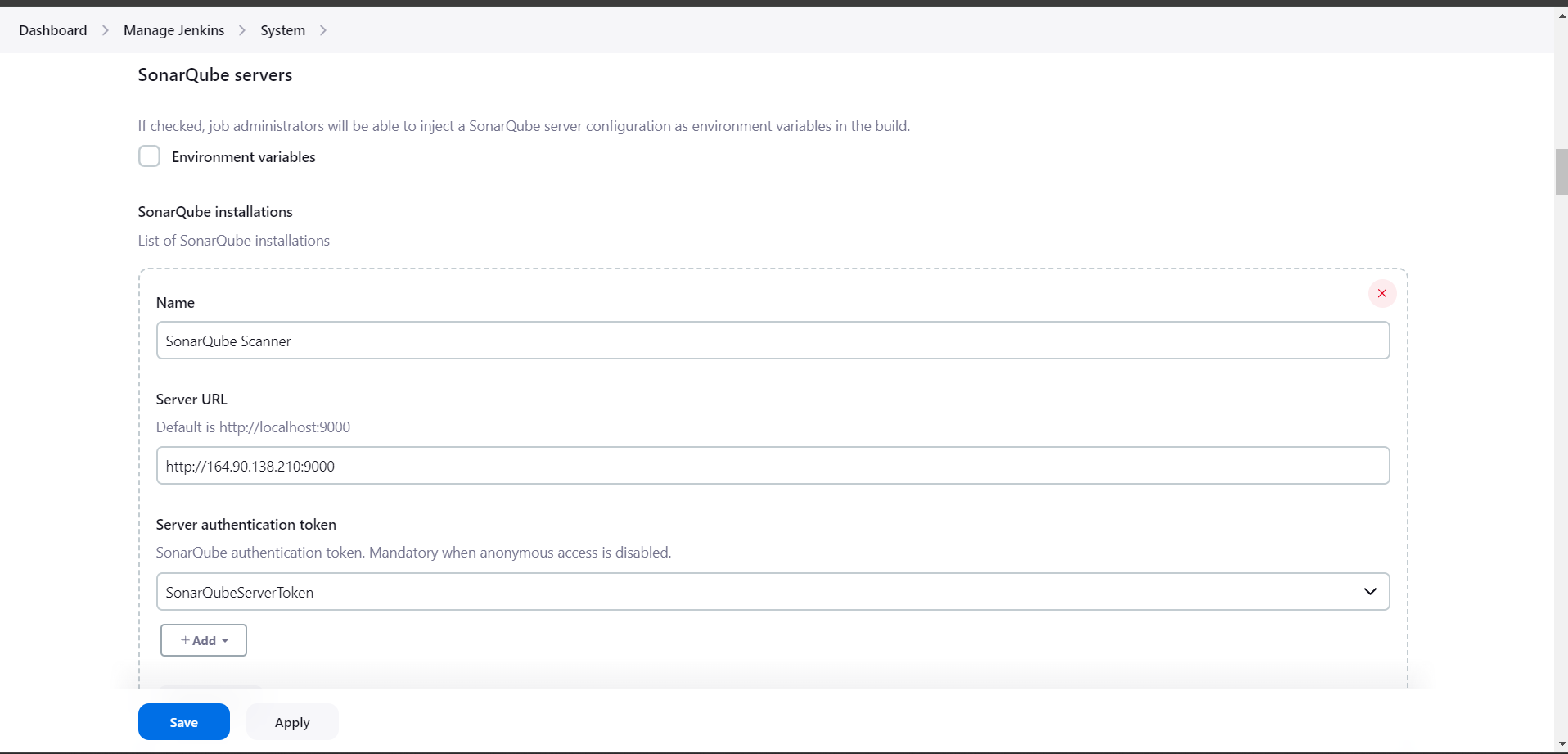
**Setting up the Maven tool**



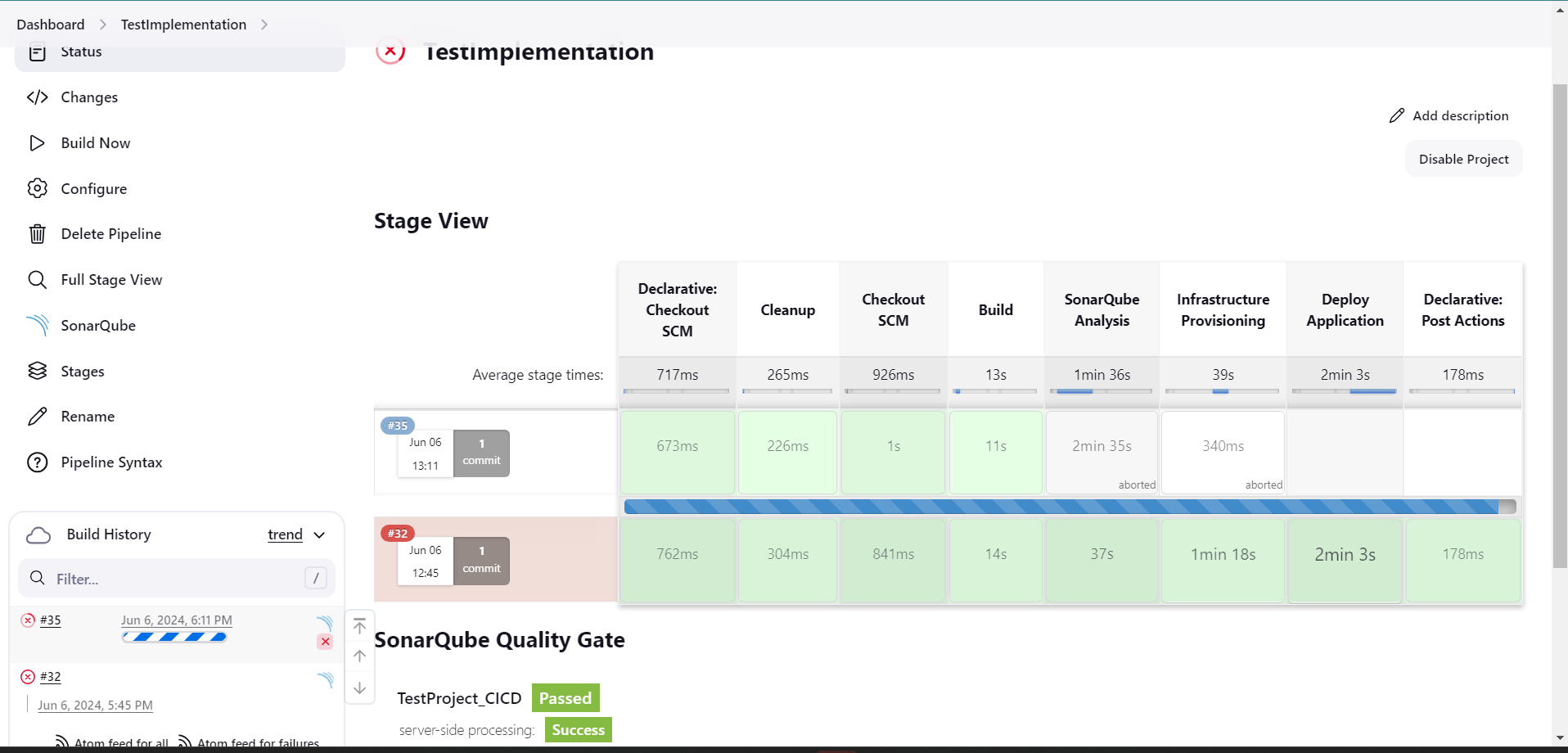
**Setting up the Ansible plugin**



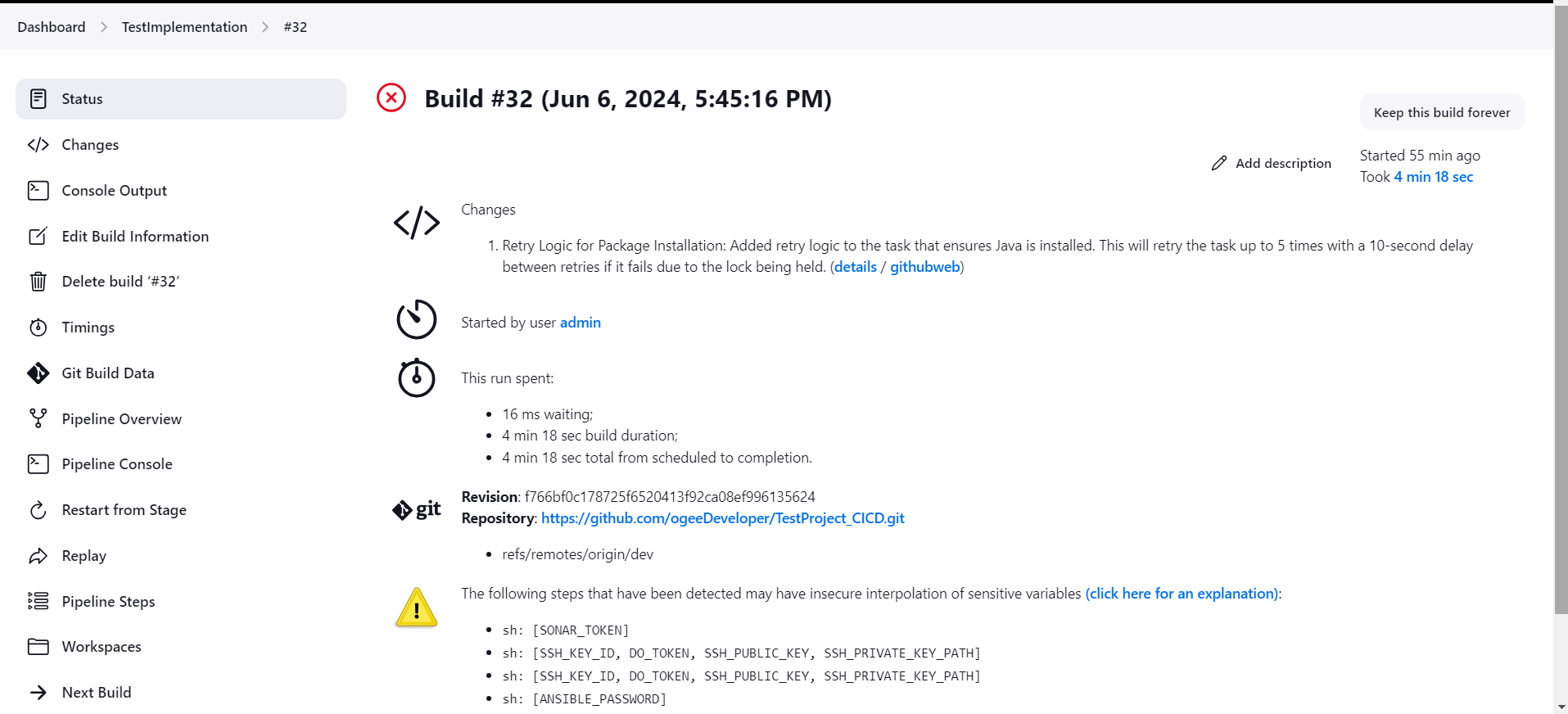
**Configuring the SonarQube plugin**



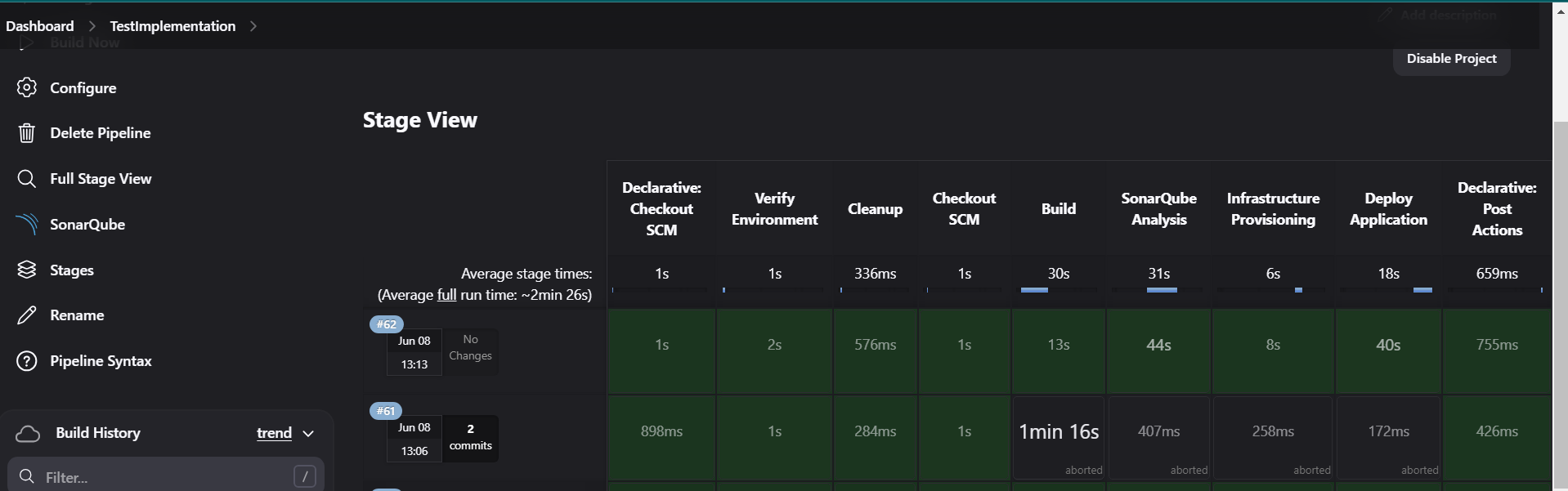
**Example of Pipeline**



**Result of failed build**



**Result of successful build**



**Time taken for the Terraform to provision server**

