

TASK-21

Adding the credential in Jenkins

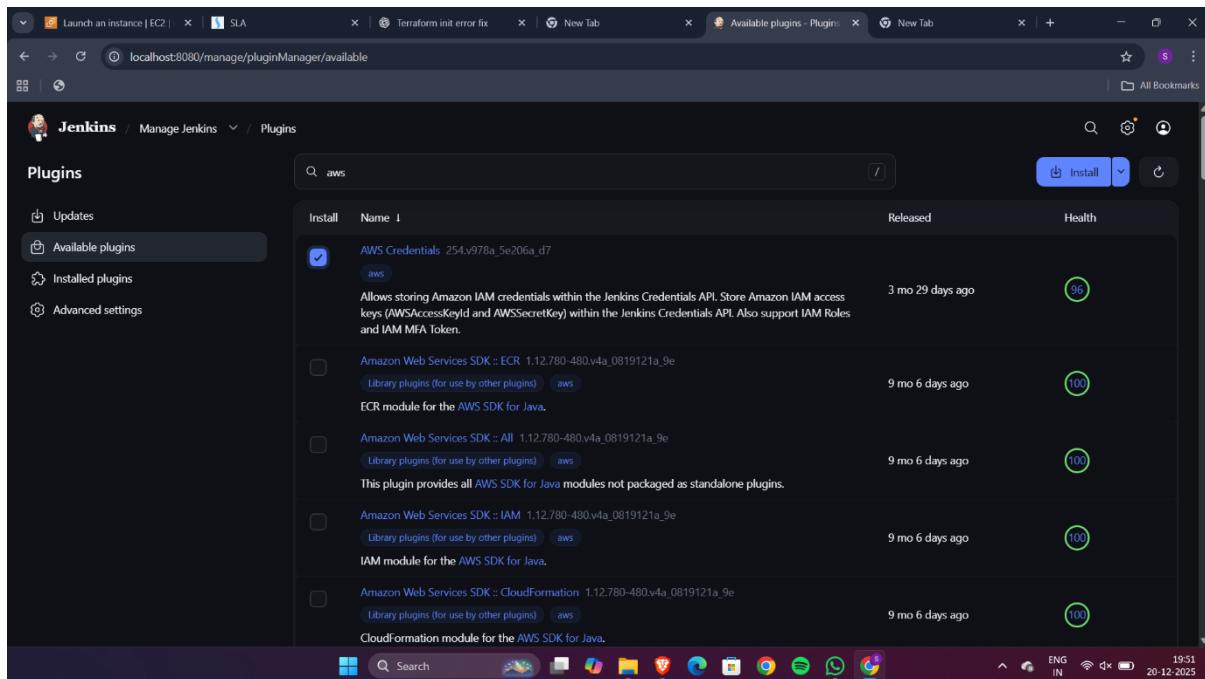
Plugins:

Jenkins plugins are add-ons that extend the platform's core functions, allowing integration with various tools (Git, Docker, Jira, etc.), automating tasks, and customizing workflows for CI/CD, testing, and deployment; with thousands available, they're installed via the Jenkins UI's Plugin Manager to add specific capabilities, from SCM integration to build steps and user interfaces, crucial for tailoring Jenkins to project needs.

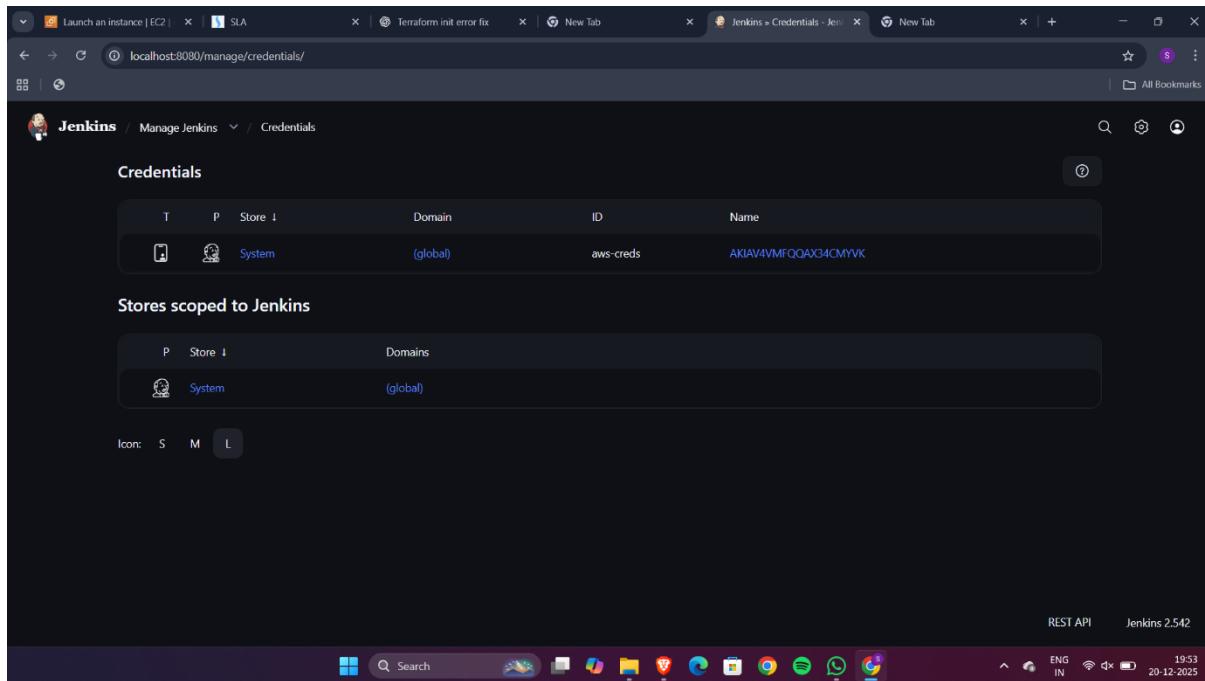
Credential:

AWS credentials are the security identifiers used to authenticate your identity when you interact with AWS services. The proper management and use of credentials are vital for maintaining the security of your AWS environment.

Step1: Install the plugins for aws credential

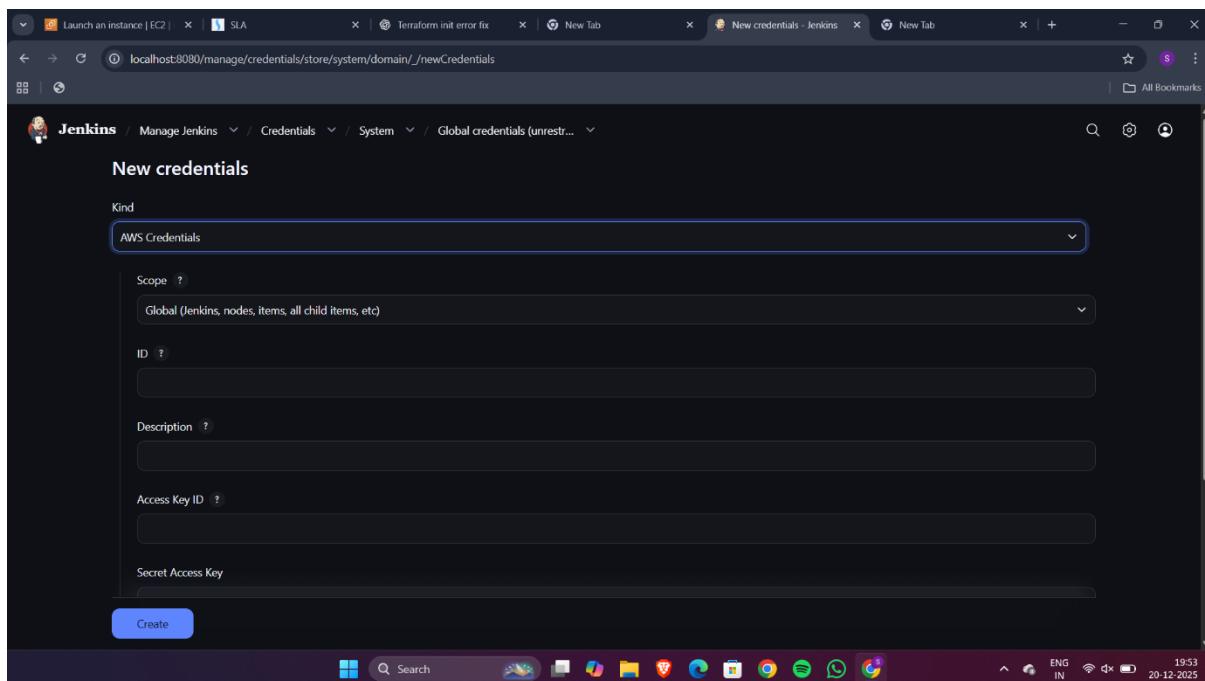


Step2: Go to Credential in settings and click Global.



The screenshot shows the Jenkins 'Credentials' management interface. At the top, there are tabs for 'Launch an instance | EC2', 'SLA', 'Terraform init error fix', 'New Tab', 'Jenkins - Credentials - Jenkins', and 'New Tab'. Below the tabs, the URL is 'localhost:8080/manage/credentials/'. The main title is 'Jenkins / Manage Jenkins / Credentials'. The 'Credentials' section lists one item: 'aws-creds' (ID: AKIAV4VMFOQAX34CMYVK, Domain: (global), Store: System). Below this, the 'Stores scoped to Jenkins' section shows 'System' (Domain: (global)). At the bottom, there are icons for 'Icon: S M L' and links for 'REST API' and 'Jenkins 2.542'.

Step3: Select the AWS Credentials in Kind and Enter the Access key and Secret Access key create.



The screenshot shows the 'New credentials' creation page. The URL is 'localhost:8080/manage/credentials/store/system/domain/_/newCredentials'. The path in the navigation bar is 'Jenkins / Manage Jenkins / Credentials / System / Global credentials (unrestricted)'. The 'Kind' dropdown is set to 'AWS Credentials'. Other fields include 'Scope' (set to 'Global (Jenkins, nodes, items, all child items, etc)'), 'ID' (empty), 'Description' (empty), 'Access Key ID' (empty), 'Secret Access Key' (empty), and a 'Create' button at the bottom. The status bar at the bottom right shows 'ENG IN 19:53 20-12-2025'.

Credentials Add:

The screenshot shows the Jenkins 'Credentials' management page. At the top, there's a navigation bar with tabs like 'Launch an instance | EC2', 'SLA', 'Terraform init error fix', 'New Tab', 'Jenkins + Credentials + Jen...', and 'New Tab'. Below the navigation is a search bar and a 'All Bookmarks' link.

The main content area has a title 'Credentials' with a help icon. It displays a table with columns: T, P, Store, Domain, ID, and Name. There is one entry: 'System' under 'Store', '(global)' under 'Domain', 'aws-creds' under 'ID', and 'AKIAV4VMFQAX34CMYVK' under 'Name'.

Below the table, a section titled 'Stores scoped to Jenkins' shows a table with columns: P, Store, Domains. It has one entry: 'System' under 'Store', '(global)' under 'Domains'.

At the bottom, there are icons for 'Icon: S M L' and links for 'REST API' and 'Jenkins 2.542'. The taskbar at the bottom of the screen shows various application icons.