

Test Abroad Deployment Process Documentation

* Overview

This document outlines the deployment process for the "Abroad-development" application using AWS services such as AWS CodeCommit, AWS CodeDeploy, and AWS CodePipeline. The deployment is triggered when code is merged into the "development-master" branch on GitHub.

* Components

- Source Code Repository: GitHub
- Repository Name: ``UBUY``
- Branch for Deployment: ``development-master``
- Connected to GitHub for source code synchronization

* AWS CodeDeploy:

- Application Name: ``Abroad-development``
- Deployment Path: ``/opt/gitub-testabraod``
- Document Root Folder: ``/home/cloudpanel/test.www.ubuy``

* AWS CodePipeline:

- Pipeline Name: ``Abroad-development``
- Triggers deployment on changes to the ``UBUY/development-master`` branch

* Deployment Target:

- EC2 Server: ``EC2 Testaborad``
- Deployment Path on Server: ``/opt/gitub-testabraod``

* Deployment Process

1. Source Code Update:

- Developers push code changes to the `development-master` branch on GitHub.

2. CodeCommit Sync:

- AWS CodeCommit detects changes in the GitHub repository (`UBUY`).
- Code changes in the `development-master` branch are synced to the AWS CodeCommit repository.

3. CodePipeline Execution:

- AWS CodePipeline monitors the AWS CodeCommit repository for changes.
- When changes are detected, the pipeline is triggered.

4. CodeDeploy:

- AWS CodePipeline deploys the code to the designated EC2 instance (`EC2 Testabrad`) using AWS CodeDeploy.
- The deployment path on the server is `/opt/gitub-testabraod`.

5. Post-Deployment Steps (**AppSpec.yml**):

- After deployment, AWS CodeDeploy follows the instructions in the `appspec.yml` file.
- The `appspec.yml` specifies syncing the code to the document root folder `/home/cloudpanel/test.www.ubuy`.

* Notes:-

- This deployment process is automated and triggered by code changes in the `development-master` branch.
- Ensure that the `appspec.yml` file is configured correctly to handle post-deployment tasks.
- Developers are responsible for merging code changes into the `development-master` branch.

By following this process, any code changes merged into the `development-master` branch on GitHub will automatically be deployed to the designated EC2 instance, ensuring a streamlined and efficient deployment workflow for the "Abroad-development" application.

Troubleshooting

If the Test-Abroad server's disk space is full due to deployment files, follow the instructions below:

Step 1: Log in to the Test-Abroad server.

Step 2: Navigate to the deployment path:

```
`/opt/codedeploy-agent/deployment-root/d1c38110-a6f5-4a88-9e5b-cc21d8646ad4`
```

```
[root@test-abroad d1c38110-a6f5-4a88-9e5b-cc21d8646ad4]# pwd
/opt/codedeploy-agent/deployment-root/d1c38110-a6f5-4a88-9e5b-cc21d8646ad4
[root@test-abroad d1c38110-a6f5-4a88-9e5b-cc21d8646ad4]# ll
total 0
drwxr-xr-x 4 root root 62 Jan  9 05:15 d-R89GACYJ3
drwxr-xr-x 3 root root 32 Jan  9 05:08 d-WVN3WRYJ3
[root@test-abroad d1c38110-a6f5-4a88-9e5b-cc21d8646ad4]# █
```

Step 3: Delete old deployment files and restart the deployment service.

Service name: `service codedeploy-agent start`, `service codedeploy-agent stop`, `service codedeploy-agent status`

Step 4 :- Release the changes in the pipeline.

Developer Tools > CodePipeline > Pipelines > Abroad-development

Abroad-development

Pipeline type: V2

[Notify](#) [Edit](#) [Stop execution](#) [Clone pipeline](#) [Release change](#)

Source Succeeded
Pipeline execution ID: [05890928-52ce-40e3-985d-76384fb0d00e](#)

Source ⓘ

[GitHub / Version 2](#) ⓘ
Succeeded - 54 minutes ago
[f16618e4](#) ⓘ

[f16618e4](#) ⓘ Source: Merge pull request #3237 from ubuy-lic/aniil/revamp-detail-page ⓘ ⓘ

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