

IAM Permission Verification Demo

Overview

- This document demonstrates how the limited permissions work for developers.

What Developers Can Do

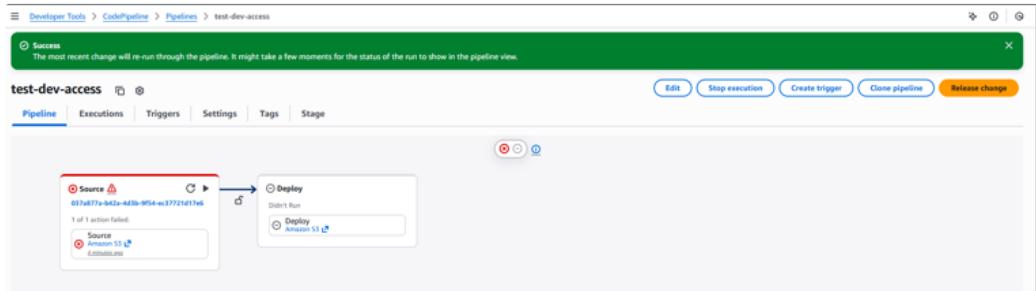
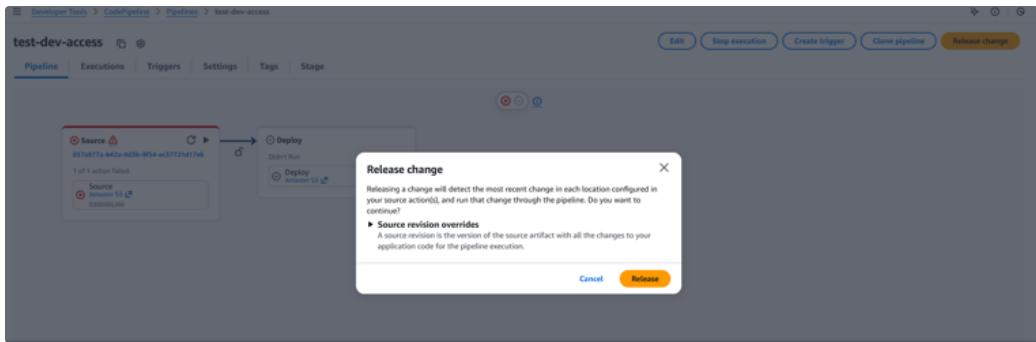
- View pipeline list

The screenshot shows the AWS CodePipeline Pipelines list page. On the left, there's a sidebar with navigation links for Source, Artifacts, Build, Deploy, Pipeline, Pipelines, Account metrics, and Settings. The main area is titled 'Pipelines' with a 'Info' tab selected. It displays a table with one row for the pipeline 'test-dev-access'. The table columns are Name, Latest execution status, Latest source revisions, Latest execution started, and Most recent executions. The 'Latest execution status' column shows a red circle with a 'F' and the word 'Failed'. The 'Latest execution started' column shows '1 hour ago'. The 'Most recent executions' column shows three small red circles with 'F' and a 'View details' link. At the top right, there are buttons for 'View history', 'Release change', 'Delete pipeline', and 'Create pipeline'.

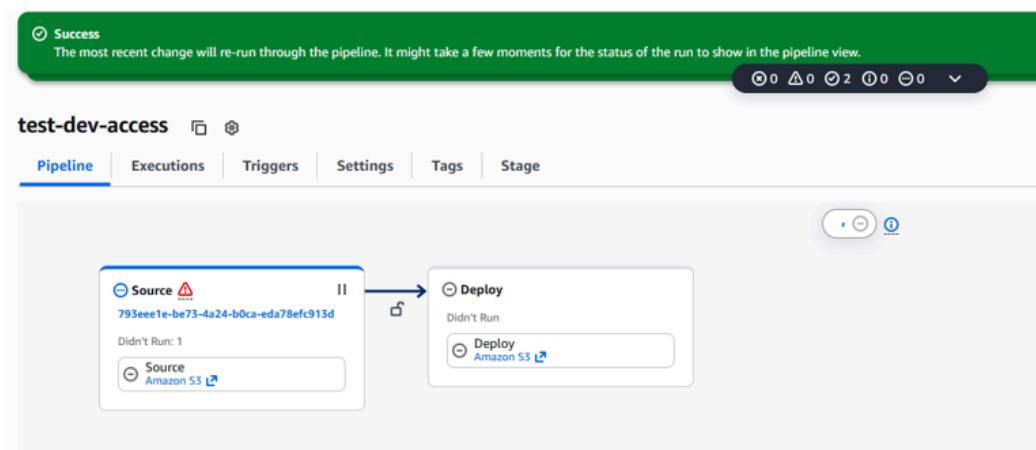
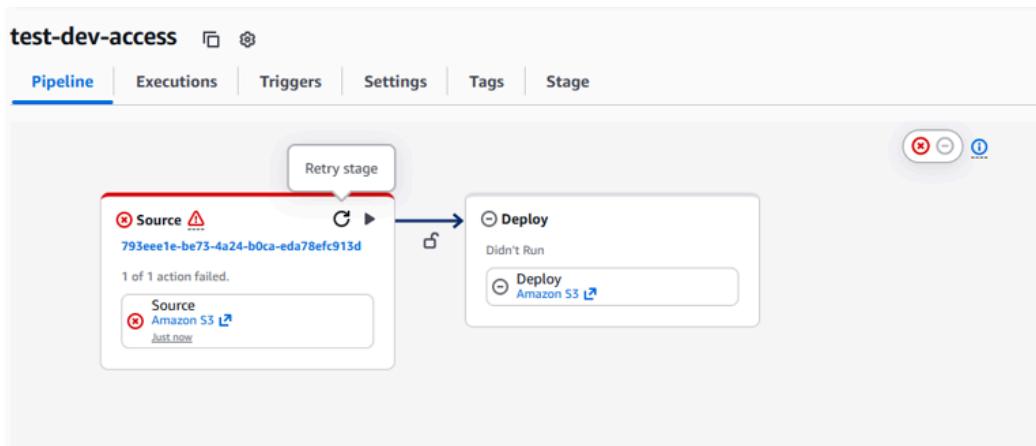
- View execution logs

The screenshot shows the AWS CodePipeline pipeline details page for 'test-dev-access'. At the top, there's a message about the new pipeline experience. Below it, there are tabs for Pipeline, Executions, Triggers, Settings, Tags, and Stage. The 'Executions' tab is selected. It shows a table of execution logs. The columns are Execution ID, Status, Source revisions, Trigger, Started, Duration, and Completed. There are four entries, all marked as 'Failed'. The first entry has a 'StartPipelineExecution - test-jin' trigger, started at 2:17 PM (UTC-5:00) and completed at 2:17 PM (UTC-5:00). The second entry has a 'StartPipelineExecution - root' trigger, started at 1:26 PM (UTC-5:00) and completed at 1:26 PM (UTC-5:00). The third entry has a 'StartPipelineExecution - root' trigger, started at 1:26 PM (UTC-5:00) and completed at 1:26 PM (UTC-5:00). The fourth entry has a 'CreatePipeline - root' trigger, started at 1:25 PM (UTC-5:00) and completed at 1:25 PM (UTC-5:00).

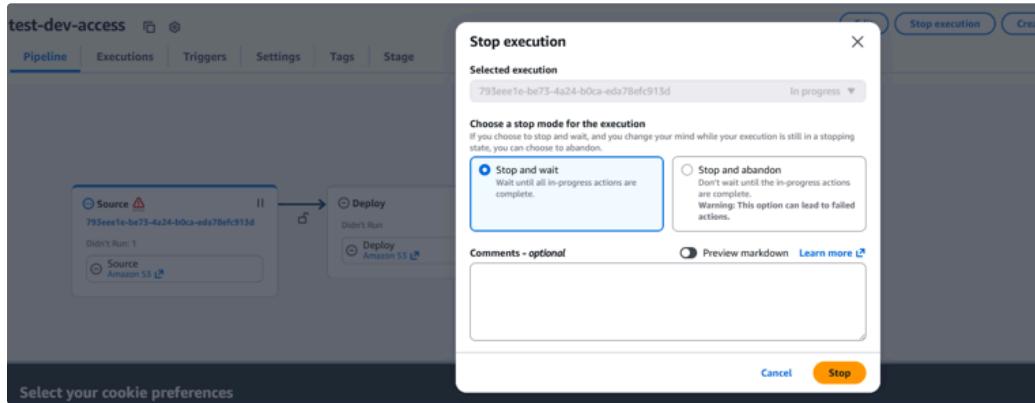
- Rerun pipeline (Release change)



- Retry failed stage

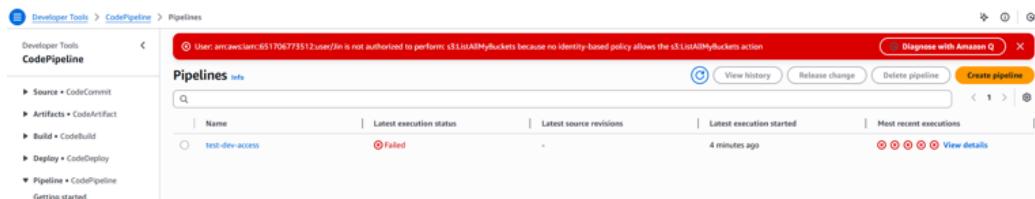
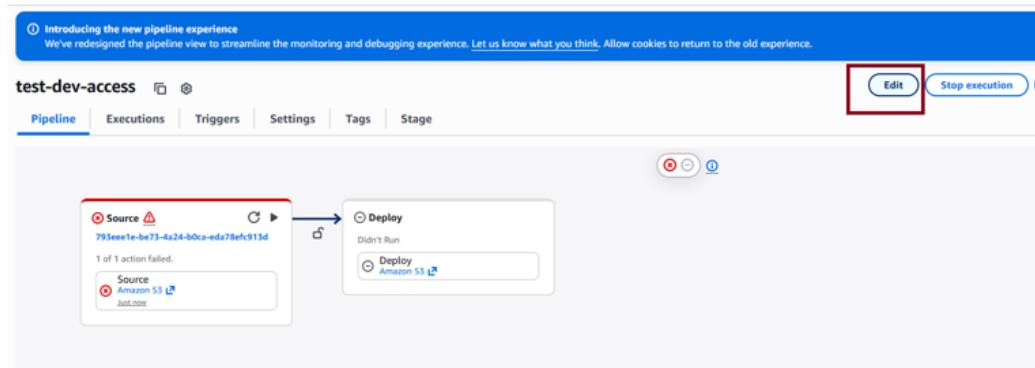


- Stop execution

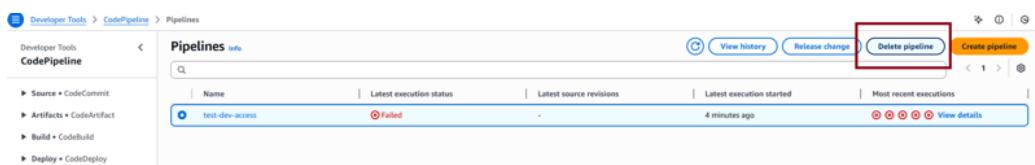


What Developers Cannot Do

- Edit pipeline → Access Denied



- Delete pipeline → Access Denied



The screenshot shows the AWS CodePipeline console. In the top navigation bar, it says 'Developer Tools > CodePipeline > Pipelines'. On the left sidebar, under 'CodePipeline', there are several options: Source (CodeCommit), Artifacts (CodeArtifact), Build (CodeBuild), Deploy (CodeDeploy), and Pipeline (CodePipeline). The 'Pipeline' option is currently selected. The main area is titled 'Pipelines' with a 'Info' link. A red box highlights an 'AccessDeniedException' message: 'User: arn:aws:iam::651706773512:user/jin is not authorized to perform: eventsListRules on resource: arn:aws:events:us-east-1:651706773512:rule/* because no identity-based policy allows the eventsListRules action'. Below this, there is a search bar and a table with the following columns: Name, Latest execution status, Latest source revisions, Latest execution started, and Last modified. One row is visible: 'test-dev-access' (Status: Failed, Started 5 minutes ago).

- Create pipeline → Access Denied

i The button is clickable, but the pipeline creation will fail due to insufficient permissions.