

AWS Services

- CloudFormation:
 - yaml used
 - python 3.9
 - ap-south-1 (Mumbai Region)

Cloud9URL:

<https://ap-southeast-1.console.aws.amazon.com/cloud9/ide/8a5988d09d5a48e39dccbcdb66df9a7c>

CodeRepoCloneUrlHttp:

<https://git-codecommit.ap-southeast-1.amazonaws.com/v1/repos/demo-app-code-repo>

OutputApkUrl:

<https://app-artifactbucket-hikod2fh5rgw.s3.dualstack.ap-southeast-1.amazonaws.com/app.apk>

DevOps Project Guidelines:

Dev -> Test-> Prod

Artifact is the output of a successful build.

Dev: Contains Source Code, **Service:** Code Commit

Prod: always visible to client

Project:

1. WebApp
 - Deployment will be done
 - using EC2, EB, EKS, ECS
2. App
 - Deployment will be done
 - using AWS Amplify

Cloud Formation Template:

1. Create Stack:

The screenshot displays the AWS CloudFormation console for a stack named 'xebia-1'. The stack is in a 'CREATE_COMPLETE' state. The parameters table is visible, listing various configuration values.

Key	Value	Resolved value
AppModuleName	app	-
AutoHibernateTimeout	30	-
BuildTimeoutInMinutes	15	-
CodeCommitRepoDescription	demo-app-code-repo	-
CodeCommitRepoName	demo-app-code-repo	-
DeviceFarmProjectName	demo-app-devicefarm	-
EC2InstanceType	t2.micro	-
OutputApkKeyName	app.apk	-
SourceBranchName	master	-
SubnetIdentifier	subnet-0b51638f736d7c596	-

CloudFormation > Stacks > xebia-1

Stacks (2)

Filter by stack name

Active View nested

Stacks

- aws-cloud9-xebia-1-31251348e8a54fde9546dc7160021d8
2023-06-12 15:07:29 UTC+0530
CREATE_COMPLETE
- xebia-1**
2023-06-12 15:07:23 UTC+0530
CREATE_COMPLETE

xebia-1

Delete Update Stack actions Create stack

Stack info Events Resources **Outputs** Parameters Template Change sets

Outputs (3)

Search outputs

Key	Value	Description	Export name
Cloud9URL	https://ap-south-1.console.aws.amazon.com/cloud9/ide/31251348e8a54fde9546dc71600021d8	Cloud9 Environment	-
CodeRepoCloneUrlHttp	https://git-codecommit.ap-south-1.amazonaws.com/v1/repos/demo-app-code-repo	Code Repo HTTP Clone URL	-
OutputApkUrl	https://xebia-1-artifactbucket-1gyvjtef9wa9l.s3.dualstack.ap-south-1.amazonaws.com/app.apk	URL to the latest built and tested APK	-

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

<https://github.com/anuvagarg/ci-cd-pipeline-android-app-aws/tree/master/CloudFormationTemplate>

IAM:

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings

Access reports

- Access analyzer
- Archive rules
- Analizers
- Settings
- Credential report
- Organization activity
- Service control policies (SCPs)

IAM > Roles

Roles (7) Info

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

Role name	Trusted entities	Last activity
<input type="checkbox"/> AWSServiceRoleForAWSCloud9	AWS Service: cloud9 (Service-Linked Role)	29 minutes ago
<input type="checkbox"/> AWSServiceRoleForSupport	AWS Service: support (Service-Linked Role)	-
<input type="checkbox"/> AWSServiceRoleForTrustedAdvisor	AWS Service: trustedadvisor (Service-Linked Role)	-
<input type="checkbox"/> xebia-1-CloudFormationServiceRole-7IPGWLVL85NN	AWS Service: cloudformation	-
<input type="checkbox"/> xebia-1-CodeBuildServiceRole-QPIUAE2GVWZF	AWS Service: codebuild	22 minutes ago
<input type="checkbox"/> xebia-1-CodePipelineServiceRole-1LWZEVPHY193W	AWS Service: codepipeline	22 minutes ago
<input type="checkbox"/> xebia-1-LambdaRole-1NVY5W31O3MB1	AWS Service: lambda	21 minutes ago

Roles Anywhere Info Manage

Authenticate your non AWS workloads and securely provide access to AWS services.

Access AWS from your non AWS workloads

X.509 Standard

Temporary credentials

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

EC2:

aws Services Search [Option+S] Mumbai Anuva Garg

New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events
Limits

Instances

Instances

Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

Images

AMIs
AMI Catalog

Elastic Block Store

Volumes
Snapshots
Lifecycle Manager

Network & Security

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Publ
aws-cloud9-xe...	i-0b66e036e5b588df9	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	ec2-

Instance: i-0b66e036e5b588df9 (aws-cloud9-xebia-1-31251348e8a54fde9546dc71600021d8)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID i-0b66e036e5b588df9 (aws-cloud9-xebia-1-31251348e8a54fde9546dc71600021d8)	Public IPv4 address 15.206.185.159 open address	Private IPv4 addresses 172.31.12.12
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-15-206-185-159.ap-south-1.compute.amazonaws.com open address
Hostname type IP name: ip-172-31-12-12.ap-south-1.compute.internal	Private IP DNS name (IPv4 only) ip-172-31-12-12.ap-south-1.compute.internal	Elastic IP addresses -
Answer private resource DNS name -	Instance type t2.micro	AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendation
Auto-assigned IP address 15.206.185.159 [Public IP]	VPC ID vpc-06751a7c36e419940	

Security groups

sg-0dec0690abb31febb (aws-cloud9-xebia-1-31251348e8a54fde9546dc71600021d8-InstanceSecurityGroup-6ALDJ9GAD2I)

Inbound rules

Filter rules

Name	Security group rule ID	Port range	Protocol	Source	Security group
-	sgr-049444318a109a0b0	22	TCP	13.232.67.128/27	aws-cloud9->
-	sgr-04a56d64279c1f896	22	TCP	13.232.67.160/27	aws-cloud9->

Outbound rules

Filter rules

Name	Security group rule ID	Port range	Protocol	Destination	Security group
-	sgr-06192c907d0ea6f17	All	All	0.0.0.0/0	aws-cloud9->

▼ Networking details Info

Public IPv4 address 15.206.185.159 open address	Private IPv4 addresses 172.31.12.12	VPC ID vpc-06751a7c36e419940
Public IPv4 DNS ec2-15-206-185-159.ap-south-1.compute.amazonaws.com open address	Private IP DNS name (IPv4 only) ip-172-31-12-12.ap-south-1.compute.internal	
Subnet ID subnet-0b51638f736d7c596	IPv6 addresses -	Secondary private IPv4 addresses -
Availability zone ap-south-1b	Carrier IP addresses (ephemeral) -	Outpost ID -
Use RBN as guest OS hostname Disabled	Answer RBN DNS hostname IPv4 Disabled	

▼ Network Interfaces (1) Info

▼ Network Interfaces (1) Info

Filter network interfaces

Interface ID	Description	IPv4 Prefixes	IPv6 Prefixes	Public IPv4 address	Private IPv4 address
eni-0e7201c171085a...	ENI for AWS Cloud9 e...	-	-	15.206.185.159	172.31.12.12

▼ Elastic IP addresses (0) Info

Filter Elastic IP addresses

Name	Allocated IPv4 address	Type	Address pool	Allocation ID
No Elastic IP addresses are associated with this instance				

▼ Root device details

Root device name /dev/xvda	Root device type EBS	EBS optimization disabled
-------------------------------	-------------------------	------------------------------

▼ Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID
vol-04376bff5aa63d8fd	/dev/xvda	10	Attached	2023/06/12 15:07 GMT+5:30	No	-

▶ Recent root volume replacement tasks

S3:

Amazon S3 > Buckets

Account snapshot
Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

View Storage Lens dashboard

Buckets (3) Info
Buckets are containers for data stored in S3. [Learn more](#)

Find buckets by name

Name	AWS Region	Access	Creation date
app-artifactbucket-pkapz88igka5	Asia Pacific (Mumbai) ap-south-1	Public	June 12, 2023, 13:33:02 (UTC+05:30)
app-pipelinebucket-1nf7v6yn4n5tg	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	June 12, 2023, 13:33:01 (UTC+05:30)
cf-templates-zuptq9rk5kjt-ap-south-1	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	June 12, 2023, 13:32:38 (UTC+05:30)

aws Services Search [Option+S] Global Anuva Garg

Amazon S3 Buckets xebia-1-artifactbucket-1gyvjtef9wa9l

xebia-1-artifactbucket-1gyvjtef9wa9l

Objects Properties Permissions Metrics Management Access Points

Objects (1)
Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Refresh Copy S3 URI Copy URL Download Open Delete Actions Create folder

Upload

Find objects by prefix Show versions

Name	Type	Last modified	Size	Storage class
app.apk	apk	June 12, 2023, 15:26:57 (UTC+05:30)	2.3 MB	Standard

aws Services Search [Option+S] Global Anuva Garg

Amazon S3 Buckets xebia-1-pipelinebucket-6pkgngfb5h6y

xebia-1-pipelinebucket-6pkgngfb5h6y

Objects Properties Permissions Metrics Management Access Points

Objects (1)
Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Refresh Copy S3 URI Copy URL Download Open Delete Actions Create folder

Upload

Find objects by prefix

Name	Type	Last modified	Size	Storage class
xebia-1-Pipeline-GIK/	Folder	-	-	-

aws Services Search [Option+S] Global Anuva Garg

Amazon S3 Buckets cf-templates-zuptq9rk5kjt-ap-south-1

cf-templates-zuptq9rk5kjt-ap-south-1

Objects Properties Permissions Metrics Management Access Points

Objects (1)
Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Refresh Copy S3 URI Copy URL Download Open Delete Actions Create folder

Upload

Find objects by prefix

Name	Type	Last modified	Size	Storage class
2023-06-12T093645.580Zlny-devops-devicefarm.yaml	yaml	June 12, 2023, 15:06:46 (UTC+05:30)	17.1 KB	Standard

CodePipeline:

aws Services Search [Option+S] Mumbai Anuva Garg

Developer Tools CodePipeline xebia-1-Pipeline-GIK1QSGMU321

xebia-1-Pipeline-GIK1QSGMU321

Notify Edit Stop execution Clone pipeline Release change

This pipeline has a source (SourceAction) that is configured for polling. Migrate (update) your pipeline to the recommended event-based mechanism for change detection. For details, see the [migration guide](#).

aws Services Search [Option+S] Mumbai Anuva Garg

Developer Tools
CodePipeline

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
- Pipeline • CodePipeline
 - Getting started
 - Pipelines
 - Pipeline**
 - History
 - Settings
- Settings

Go to resource
Feedback

Source Succeeded
Pipeline execution ID: 1c81c14a-a612-4d5a-a665-acf5eb2cad7e

SourceAction
AWS CodeCommit
Succeeded
- 16 minutes ago
9052965d

9052965d SourceAction: Initial checkin of the code

Disable transition

Build Succeeded
Pipeline execution ID: 1c81c14a-a612-4d5a-a665-acf5eb2cad7e

CodeBuild
AWS CodeBuild
Succeeded
- 10 minutes ago
Details

9052965d SourceAction: Initial checkin of the code

Disable transition

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

aws Services Search [Option+S] Mumbai Anuva Garg

Developer Tools
CodePipeline

- Source • CodeCommit
- Artifacts • CodeArtifact
- Build • CodeBuild
- Deploy • CodeDeploy
- Pipeline • CodePipeline
 - Getting started
 - Pipelines
 - Pipeline**
 - History
 - Settings
- Settings

Go to resource
Feedback

Disable transition

Test Succeeded
Pipeline execution ID: 1c81c14a-a612-4d5a-a665-acf5eb2cad7e

RunDeviceFarmT...
AWS Lambda
Succeeded - 6 minutes ago
Details

9052965d SourceAction: Initial checkin of the code

Disable transition

Deliver Succeeded
Pipeline execution ID: 1c81c14a-a612-4d5a-a665-acf5eb2cad7e

CopyApkToS3
AWS CodeBuild
Succeeded - 1 minute ago
Details

9052965d SourceAction: Initial checkin of the code

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

Lambda:

The screenshot shows the AWS Lambda console for a function named 'xebia-1-StartDeviceFarmTestFunction-nsLf1ZLzMay5'. The interface includes a navigation bar with 'AWS Services' and a search bar. The function name is displayed prominently, along with 'Throttle', 'Copy ARN', and 'Actions' buttons. A notification states: 'This function belongs to an application. Click here to manage it.' Below this is the 'Function overview' section, which includes a card for the function with a 'Layers' section showing '(0)' layers and an '+ Add trigger' button. To the right, there are 'Related functions' (a dropdown menu) and '+ Add destination' button. Further right, a 'Description' section shows 'Last modified: 34 minutes ago', 'Function ARN: arn:aws:lambda:ap-south-1:943110827228:function:xebia-1-StartDeviceFarmTestFunction-nsLf1ZLzMay5', 'Application: xebia-1', and 'Function URL: Info'. At the bottom, there are tabs for 'Code', 'Test', 'Monitor', 'Configuration', 'Aliases', and 'Versions'.

Device Farm: (Testing)

The screenshot shows the AWS Device Farm console for a project named 'demo-app-devicefarm'. The navigation bar includes 'AWS Services' and a search bar. The left sidebar shows 'Device Farm' with a close button, and a list of testing options: 'Mobile Device Testing' (with sub-items: Projects, Device slots, Private devices, Public devices) and 'Desktop Browser Testing' (with sub-item: Projects). The main content area shows the project name and 'Project ARN: arn:aws:devicefarm:us-west-2:943110827228:project:282afe85-3901-45e1-907b-f24a24937ae3'. There are tabs for 'Automated tests' and 'Remote access'. A text block explains: 'Automated runs allow you to execute built-in tests or your own scripts on one or more devices in parallel, which generates a comprehensive report that includes high-level results, logs, screenshots, and performance data.' Below this is a '+ Create a new run' button. A table displays test results:

Status	Name	Test results	Test type	Created
Passed	e3e27c2d-1131-4344-aec8-d96a539a4226	Passed: 3, errored: 0, failed: 0	Built-In: Fuzz	Mon, 12 Jun 2023 09:47:51 GMT

Device Farm

- Mobile Device Testing
 - Projects
 - Device slots
 - Private devices
 - Public devices
- Desktop Browser Testing
 - Projects

Documentation

e3e27c2d-1131-4344-aec8-d96a539a4226 Scheduled at: Mon, 12 Jun 2023 09:47:51 GMT

Run ARN:



Passed
3 tests, 100%

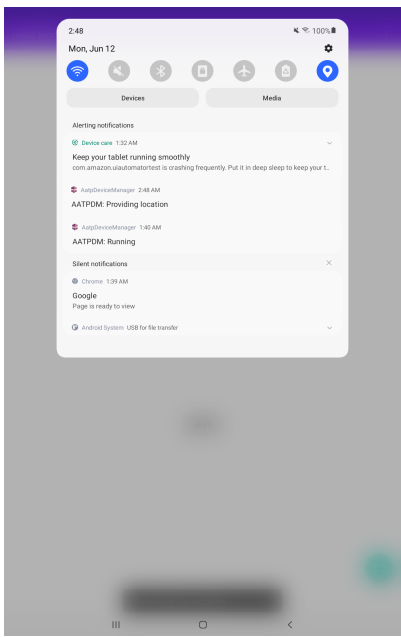
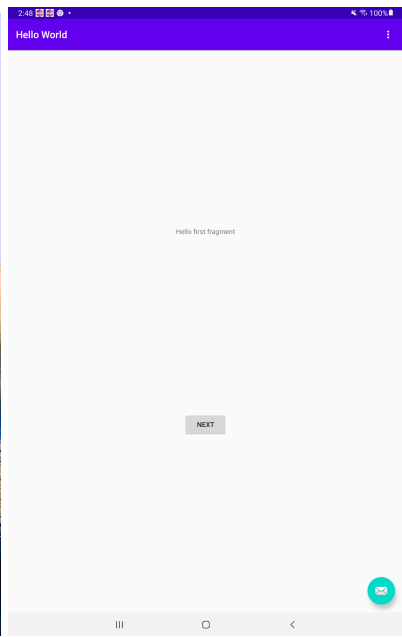
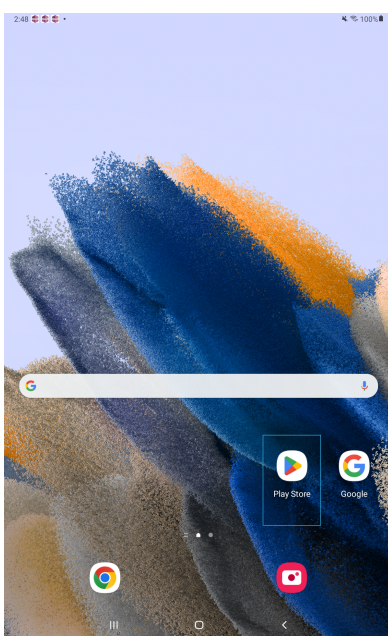
Passed Failed Errored Warned Stopped Skipped

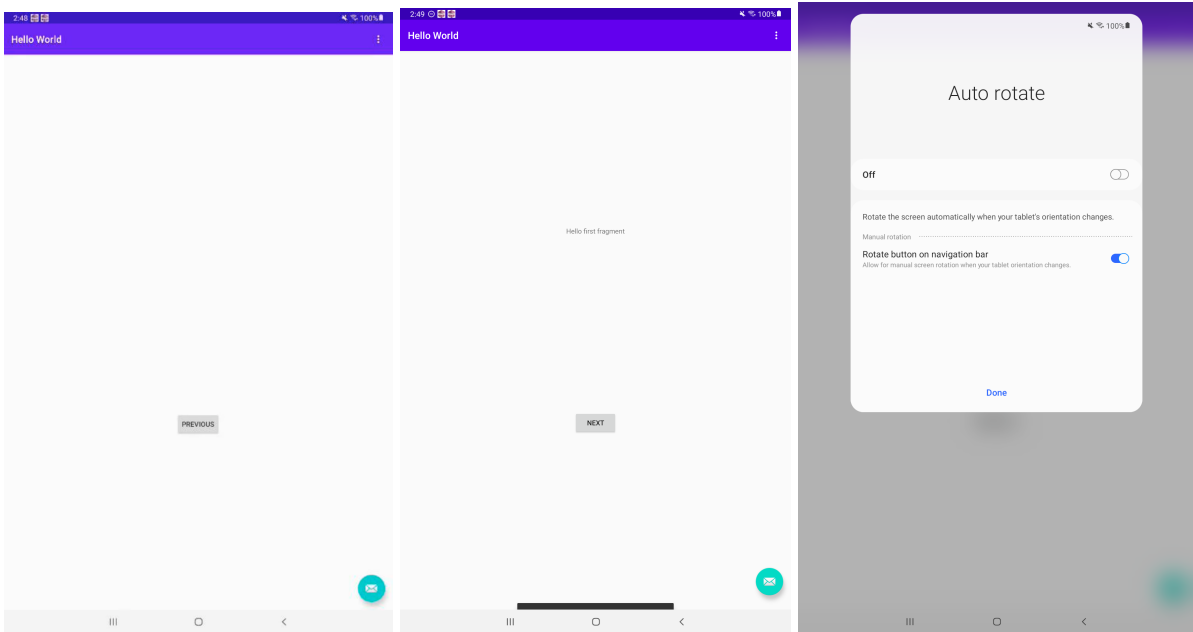
Devices Unique problems Screenshots Parsing result Tags

Devices

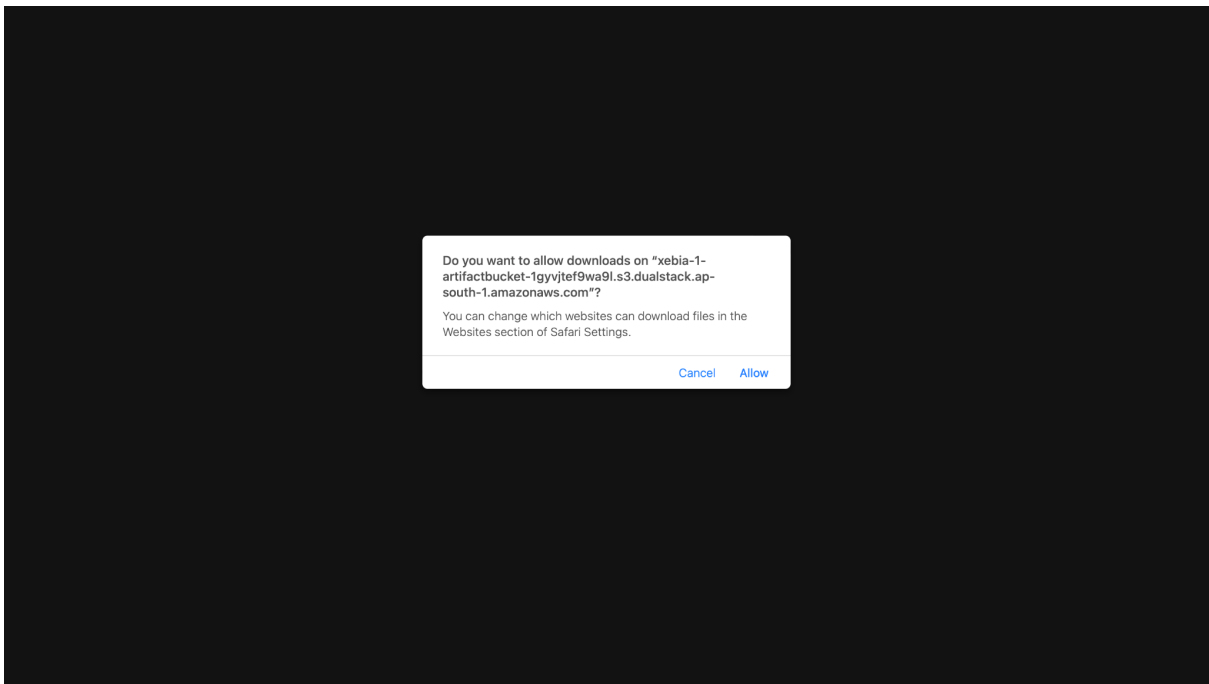
Find device by status, device name, OS or instance ID

Status	Device	OS	Test Results	Total time
Passed	Samsung Galaxy Tab A8 (2021)	11	Passed: 3, errored: 0, failed: 0	00:02:19





OutputApkUrl:



Issues Faced:

1. During stack initialization:

The screenshot shows the AWS CloudFormation console for stack 'xebia-1'. The stack is in the 'CREATE_IN_PROGRESS' state. The Events tab shows 29 events, with several failures:

Timestamp	Logical ID	Status	Status reason
2023-06-15 17:17:55 UTC+0530	xebia-1	ROLLBACK_IN_PROGRESS	The following resource(s) failed to create: [DeviceFarmProjectFunction, IDE]. Rollback requested by user.
2023-06-15 17:17:54 UTC+0530	IDE	CREATE_FAILED	Resource creation cancelled
2023-06-15 17:17:54 UTC+0530	CodeBuildServiceRole	CREATE_COMPLETE	-
2023-06-15 17:17:54 UTC+0530	DeviceFarmProjectFunction	CREATE_FAILED	Resource handler returned message: "The runtime parameter of python3.6 is no longer supported for creating or updating AWS Lambda functions. We recommend you use the new runtime (python3.9) while creating or updating functions. (Service: Lambda, Status Code: 400, Request ID: f01a48ed-20d3-44be-bb46-e560b29ffa90)" (RequestToken: 3c4802d8-ed2d-81fd-cd35-12d7f3c1c65f, HandlerErrorCode: InvalidRequest)

Resolution:

```
DeviceFarmProjectFunction:
  Type: AWS::Lambda::Function
  Properties:
    Description: "Creates, updates, deletes Device Farm projects"
    Handler: "index.handler"
    Runtime: "python3.9"
    Role: !GetAtt ["LambdaRole", "Arn"]
    Code:
      ZipFile: |
        import boto3
        import cfnresponse
        import sys
        import traceback

        def handle_delete(df, event):
            arn = event['PhysicalResourceId']
            df.delete_project(
                arn = arn
            )
            return arn
```

```
StartDeviceFarmTestFunction:
  Type: AWS::Lambda::Function
  Properties:
    Handler: index.handler
    MemorySize: 128
    Role: !GetAtt LambdaRole.Arn
    Runtime: python3.9
    Timeout: 300
    Environment:
      Variables:
        PROJECT_ARN: !GetAtt DeviceFarmProject.Arn
        DEVICE_POOL_ARN: !GetAtt DeviceFarmProject.DevicePoolArn
    Code:
      ZipFile: !Sub |
        import boto3
        import http.client
        import os
        import urllib.parse
        import time
        import tempfile
```

2. During build stage:

The screenshot shows the AWS CloudShell interface with the 'CodeBuild' section selected in the left sidebar. The main terminal area displays the output of a Gradle build command. The build fails with the following error messages:

```
50 project : > com.android.tools.build:gradle:4.0.1
51 project : > com.android.tools.build:gradle:4.0.1 > com.android.tools.build:builder:4.0.1
52 project : > com.android.tools.build:gradle:4.0.1 > org.ow2.asm:asm-commons:7.0
53 project : > com.android.tools.build:gradle:4.0.1 > org.ow2.asm:asm-util:7.0
54 project : > com.android.tools.build:gradle:4.0.1 > com.android.tools.build:builder:4.0.1 > org.ow2.asm:asm-tree:7.0
55 > Could not resolve org.ow2.asm:asm:7.0.
56 > Could not get resource 'https://jcenter.bintray.com/org/ow2/asm/asm/7.0/asm-7.0.pom'.
57 > Could not GET 'https://jcenter.bintray.com/org/ow2/asm/asm/7.0/asm-7.0.pom'.
58 > peer not authenticated
59 > Could not resolve org.ow2.asm:asm:7.0.
60 Required by:
61 project : > com.android.tools.build:gradle:4.0.1 > com.android.tools.build:jetifier:jetifier-processor:1.0.0-beta09
62 > Could not resolve org.ow2.asm:asm:7.0.
63 > Could not get resource 'https://jcenter.bintray.com/org/ow2/asm/asm/7.0/asm-7.0.pom'.
64 > Could not GET 'https://jcenter.bintray.com/org/ow2/asm/asm/7.0/asm-7.0.pom'.
65 > peer not authenticated
66
67 * Try:
68 Run with --stacktrace option to get the stack trace. Run with --info or --debug option to get more log output. Run with --
69 scan to get full insights.
70
71 * Get more help at https://help.gradle.org
72
73 BUILD FAILED in 16s
74 [Container] 2023/06/15 11:57:51 Command did not exit successfully ./gradlew build exit status 1
75 [Container] 2023/06/15 11:57:51 Phase complete: BUILD State: FAILED
76 [Container] 2023/06/15 11:57:51 Phase context status code: COMMAND_EXECUTION_ERROR Message: Error while executing command:
77 ./gradlew build. Reason: exit status 1
78 [Container] 2023/06/15 11:57:51 Entering phase POST_BUILD
79 [Container] 2023/06/15 11:57:51 Phase complete: POST_BUILD State: SUCCEEDED
80 [Container] 2023/06/15 11:57:51 Phase context status code: Message:
81 [Container] 2023/06/15 11:57:51 Expanding base directory path: .
82 [Container] 2023/06/15 11:57:51 Assembling file list
83 [Container] 2023/06/15 11:57:51 Expanding .
84 [Container] 2023/06/15 11:57:51 Expanding file paths for base directory .
85 [Container] 2023/06/15 11:57:51 Assembling file list
86 [Container] 2023/06/15 11:57:51 Expanding app/build/outputs/apk/debug/app-debug.apk
87 [Container] 2023/06/15 11:57:51 Skipping invalid file path app/build/outputs/apk/debug/app-debug.apk
88 [Container] 2023/06/15 11:57:51 Phase complete: UPLOAD_ARTIFACTS State: FAILED
89 [Container] 2023/06/15 11:57:51 Phase context status code: CLIENT_ERROR Message: no matching artifact paths found
```

3. During Delivery Stage:

The screenshot shows the AWS CloudShell interface with the 'CodeBuild' section selected in the left sidebar. The main terminal area displays the output of a delivery stage. The build fails with the following error messages:

```
1 [Container] 2023/06/12 09:53:11 Waiting for agent ping
2 [Container] 2023/06/12 09:53:13 Waiting for DOWNLOAD_SOURCE
3 [Container] 2023/06/12 09:53:13 Phase is DOWNLOAD_SOURCE
4 [Container] 2023/06/12 09:53:13 CODEBUILD_SRC_DIR=/codebuild/output/src015056330/src
5 [Container] 2023/06/12 09:53:13 YAML location is /codebuild/readonly/buildspec.yml
6 [Container] 2023/06/12 09:53:13 Setting HTTP client timeout to higher timeout for S3 source
7 [Container] 2023/06/12 09:53:13 Processing environment variables
8 [Container] 2023/06/12 09:53:13 Moving to directory /codebuild/output/src015056330/src
9 [Container] 2023/06/12 09:53:13 Registering with agent
10 [Container] 2023/06/12 09:53:13 Phases found in YAML: 1
11 [Container] 2023/06/12 09:53:13 BUILD: 1 commands
12 [Container] 2023/06/12 09:53:13 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
13 [Container] 2023/06/12 09:53:13 Phase context status code: Message:
14 [Container] 2023/06/12 09:53:14 Entering phase INSTALL
15 [Container] 2023/06/12 09:53:14 Phase complete: INSTALL State: SUCCEEDED
16 [Container] 2023/06/12 09:53:14 Phase context status code: Message:
17 [Container] 2023/06/12 09:53:14 Entering phase PRE_BUILD
18 [Container] 2023/06/12 09:53:14 Phase complete: PRE_BUILD State: SUCCEEDED
19 [Container] 2023/06/12 09:53:14 Phase context status code: Message:
20 [Container] 2023/06/12 09:53:14 Entering phase BUILD
21 [Container] 2023/06/12 09:53:14 Running command aws s3 cp --acl public-read app-debug.apk s3://xebia-1-artifactbucket-
22 upload failed: ./app-debug.apk to s3://xebia-1-artifactbucket-1gyvjtef9wa9l/app.apk An error occurred (AccessDenied) when
23 calling the PutObject operation: Access Denied
24 [Container] 2023/06/12 09:53:14 Command did not exit successfully aws s3 cp --acl public-read app-debug.apk s3://xebia-1-
25 artifactbucket-1gyvjtef9wa9l/app.apk exit status 1
26 [Container] 2023/06/12 09:53:14 Phase complete: BUILD State: FAILED
27 [Container] 2023/06/12 09:53:14 Phase context status code: COMMAND_EXECUTION_ERROR Message: Error while executing command:
28 aws s3 cp --acl public-read app-debug.apk s3://xebia-1-artifactbucket-1gyvjtef9wa9l/app.apk. Reason: exit status 1
29 [Container] 2023/06/12 09:53:14 Entering phase POST_BUILD
30 [Container] 2023/06/12 09:53:14 Phase complete: POST_BUILD State: SUCCEEDED
31 [Container] 2023/06/12 09:53:14 Phase context status code: Message:
32 [Container] 2023/06/12 09:53:14 Phase complete: UPLOAD_ARTIFACTS State: SUCCEEDED
```

Resolution:

The image displays two screenshots of the AWS Management Console. The top screenshot shows the 'Edit Block public access (bucket settings)' page for bucket 'xebia-1-artifactbucket-1gyvjtef9wa9l'. The 'Block all public access' checkbox is unchecked. Underneath, four sub-settings are listed: 'Block public access to buckets and objects granted through new access control lists (ACLs)' (unchecked), 'Block public access to buckets and objects granted through any access control lists (ACLs)' (unchecked), 'Block public access to buckets and objects granted through new public bucket or access point policies' (checked), and 'Block public and cross-account access to buckets and objects through any public bucket or access point policies' (checked). The bottom screenshot shows the 'Edit Object Ownership' page for bucket 'app-artifactbucket-pkappz88gka5'. The 'ACLs enabled' radio button is selected. A warning message states: 'We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.' The 'Object writer' radio button is selected under 'Object Ownership'.

Different outcomes in different regions:

- Low latency in various regions.

Questions:

Our team would like to discuss the progress and details of the project and the report we have been working on to gain more clarity.

Meeting Agenda:

1. Present the progress made on the report.
2. Discuss deliverables for this week's report.
3. Receive valuable feedback regarding the overall project.
4. Discuss next week's project and any prerequisites.

Please inform us of your availability tomorrow, so we can proceed accordingly.

Thank you.