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Global

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Identity and Access Management (IAM)

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Access management

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- Users
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- Identity providers
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Organization activity

Service control policies (SCPs)

Introducing the new IAM roles experience

Policy was successfully attached to role

IAM > Roles > EC2roleforcodedepl

EC2roleforcodedepl

Allows EC2 instances to call AWS services on your behalf.

Summary

Creation date	ARN	Instance profile ARN
June 07, 2022, 17:06 (UTC+05:30)	arn:aws:iam::654845437004:role/EC2roleforcodedepl	arn:aws:iam::654845437004:instance-profile/EC2rolef
Last activity	Maximum session duration	
None	1 hour	

PermissionsTrust relationshipsTagsAccess AdvisorRevoke sessions

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New EC2 Experience

Tell us what you think

EC2 Dashboard

EC2 Global View

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Instances New

Instance Types

Launch Templates

Spot Requests

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Reserved Instances New

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Scheduled Instances

Capacity Reservations

Images

AMIs New

Instances (1/1) Info

Connect

Instance state

Actions

Launch instances

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<input checked="" type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DN
<input checked="" type="checkbox"/>	-	i-00a07a3af8a0c6486	<span>Running</span>	t2.micro	<span>2/2 checks passed</span>	No alarms	us-east-1a	ec2-54-147-14

Instance: i-00a07a3af8a0c6486

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

Instance ID

i-00a07a3af8a0c6486

IPv6 address

-

Hostname tune

Public IPv4 address

54.147.143.52 | open address

Instance state

Running

Private IP DNS name (IPv4 only)

Private IPv4 addresses

172.31.27.40

Public IPv4 DNS

ec2-54-147-143-52.compute-1.amazonaws.com | open address

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Settings

Success

Deployment group created

Developer Tools > CodeDeploy > Applications > code-deploy-demo > code-deploy-demo-group

code-deploy-demo-group

EditDeleteCreate deployment

Deployment group details

Deployment group name	Application name	Compute platform
code-deploy-demo-group	code-deploy-demo	EC2/On-premises
Deployment type	Service role ARN	Deployment configuration
In-place	arn:aws:iam::654845437004:role/Name1	CodeDeployDefault.AllAtOnce
Rollback enabled	Agent update scheduler	
True	<a href="#">Learn to schedule update in AWS Systems Manager</a>	

Environment configuration: Amazon EC2 instances

Key	Value
-----	-------

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Step 3

**Add build stage**

Step 4

Add deploy stage

Step 5

Review

**Build provider**  
This is the tool of your build project. Provide build artifact details like operating system, build spec file, and output file names.

AWS CodeBuild

**Region**  

US East (N. Virginia)

**Project name**  
Choose a build project that you have already created in the AWS CodeBuild console. Or create a build project in the AWS CodeBuild console and then return to this task.

code-deploy-pipeline

 or 

Create project

✔ Successfully created code-deploy-pipeline in CodeBuild.

**Environment variables - optional**  
Choose the key, value, and type for your CodeBuild environment variables. In the value field, you can reference variables generated by CodePipeline. [Learn more](#)

Add environment variable

**Build type**

☒ **Single build**  
Triggers a single build.

☐ **Batch build**  
Triggers multiple builds as a single execution.

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```
10 Installing corretto(OpenJDK) version 11 ...
11
12 [Container] 2022/06/07 18:31:26 Running command export JAVA_HOME="$JAVA_11_HOME"
13
14 [Container] 2022/06/07 18:31:26 Running command export JRE_HOME="$JRE_11_HOME"
15
16 [Container] 2022/06/07 18:31:26 Running command export JDK_HOME="$JDK_11_HOME"
17
18 [Container] 2022/06/07 18:31:26 Running command for tool_path in "$JAVA_HOME"/bin/*;
19 do tool='basename "$tool_path"';
20 if [ $tool != 'java-rmi.cgi' ];
21 then
22     rm -f /usr/bin/$tool /var/lib/alternatives/$tool \
23     && update-alternatives --install /usr/bin/$tool $tool $tool_path 20000;
24 fi;
25 done
26
27 [Container] 2022/06/07 18:31:29 Moving to directory /codebuild/output/src454228208/src
28 [Container] 2022/06/07 18:31:29 Configuring ssm agent with target id: codebuild:ad7f3195-97c3-4ab9-b6d5-18766ef15a5d
29 [Container] 2022/06/07 18:31:29 Successfully updated ssm agent configuration
30 [Container] 2022/06/07 18:31:29 Registering with agent
31 [Container] 2022/06/07 18:31:29 Phases found in YAML: 3
32 [Container] 2022/06/07 18:31:29 POST_BUILD: 1 commands
33 [Container] 2022/06/07 18:31:29 INSTALL: 0 commands
34 [Container] 2022/06/07 18:31:29 BUILD: 1 commands
35 [Container] 2022/06/07 18:31:29 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
36 [Container] 2022/06/07 18:31:29 Phase context status code: Message:
37 [Container] 2022/06/07 18:31:29 Entering phase INSTALL
38 [Container] 2022/06/07 18:31:29 Phase complete: INSTALL State: SUCCEEDED
39 [Container] 2022/06/07 18:31:29 Phase context status code: Message:
40 [Container] 2022/06/07 18:31:29 Entering phase PRE_BUILD
41 [Container] 2022/06/07 18:31:29 Phase complete: PRE_BUILD State: SUCCEEDED
42 [Container] 2022/06/07 18:31:29 Phase context status code: Message:
43 [Container] 2022/06/07 18:31:29 Entering phase BUILD
44 [Container] 2022/06/07 18:31:29 Running command ./gradlew bootJar
```

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Service control policies (SCPs)

Introducing the new IAM roles experience

We've redesigned the IAM roles experience to make it easier to use. [Let us know what you think.](#)

Role EC2roleforcodedeploy created

View role

IAM > Roles

Roles (3) 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

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Role name

Trusted entities

Last activity

[AWSServiceRoleForSupport](#)

AWS Service: support (Service-Linked Role)

-

[AWSServiceRoleForTrustedAdvisor](#)

AWS Service: trustedadvisor (Service-Linked Role)

-

[EC2roleforcodedeploy](#)

AWS Service: ec2

-

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Success

Congratulations! The pipeline code-pipeline has been created.

Create a notification rule for this pipeline

Developer Tools > CodePipeline > Pipelines > code-pipeline

code-pipeline

Notify

Edit

Stop execution

Clone pipeline

Release change

Source

In progress

Pipeline execution ID: cdc2cc57-a6e7-4191-8c0c-f91155adee8e

Source

GitHub (Version 1)

In progress - Just now

Disable transition



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Application created

In order to create a new deployment, you must first create a deployment group.

Create a notification rule for this application

Developer Tools > CodeDeploy > Applications > code-deploy-demo

code-deploy-demo

NotifyDelete application

Application details

Namecode-deploy-demo

Compute platformEC2/On-premises

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Name

Status

Last attempted deployment

Last successful deployment

Trigger count

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37 [Container] 2022/06/07 18:31:29 Entering phase INSTALL

38 [Container] 2022/06/07 18:31:29 Phase complete: INSTALL State: SUCCEEDED

39 [Container] 2022/06/07 18:31:29 Phase context status code: Message:

40 [Container] 2022/06/07 18:31:29 Entering phase PRE\_BUILD

41 [Container] 2022/06/07 18:31:29 Phase complete: PRE\_BUILD State: SUCCEEDED

42 [Container] 2022/06/07 18:31:29 Phase context status code: Message:

43 [Container] 2022/06/07 18:31:29 Entering phase BUILD

44 [Container] 2022/06/07 18:31:29 Running command ./gradlew bootJar

45 /codebuild/output/tmp/script.sh: line 4: ./gradlew: Permission denied

46

47 [Container] 2022/06/07 18:31:29 Command did not exit successfully ./gradlew bootJar exit status 126

48 [Container] 2022/06/07 18:31:29 Phase complete: BUILD State: FAILED

49 [Container] 2022/06/07 18:31:29 Phase context status code: COMMAND\_EXECUTION\_ERROR Message: Error while executing command: ./gradlew bootJar. Reason: exit status 126

50 [Container] 2022/06/07 18:31:29 Entering phase POST\_BUILD

51 [Container] 2022/06/07 18:31:29 Running command echo Build completed

52 Build completed

53

54 [Container] 2022/06/07 18:31:29 Phase complete: POST\_BUILD State: SUCCEEDED

55 [Container] 2022/06/07 18:31:29 Phase context status code: Message:

56 [Container] 2022/06/07 18:31:29 Expanding base directory path: .

57 [Container] 2022/06/07 18:31:29 Assembling file list

58 [Container] 2022/06/07 18:31:29 Expanding .

59 [Container] 2022/06/07 18:31:29 Expanding file paths for base directory .

60 [Container] 2022/06/07 18:31:29 Assembling file list

61 [Container] 2022/06/07 18:31:29 Expanding build/libs/\*.jar

62 [Container] 2022/06/07 18:31:29 Expanding scripts/\*.sh

63 [Container] 2022/06/07 18:31:29 Expanding appspec.yml

64 [Container] 2022/06/07 18:31:29 Found 5 file(s)

65 [Container] 2022/06/07 18:31:29 Phase complete: UPLOAD\_ARTIFACTS State: SUCCEEDED

66 [Container] 2022/06/07 18:31:29 Phase context status code: Message:

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