

Siddhesh Ghangale

Task : Task Create AN IAM User using CloudFormation

Cloud Formation Template Code :

```
AWSTemplateFormatVersion: 2010-09-09
Description: Create IAM User Using CloudFormation.

Resources:
  MyIAMUser:
    Type: 'AWS::IAM::User'
    Properties:
      UserName: 'Adesh'
      Groups:
        - 'B_24'
      Path: '/'
      LoginProfile:
        Password: 'Adesh@123'
        PasswordResetRequired: 'false'
      Policies:
        - PolicyName: 'AdeshPolicy'
          PolicyDocument:
            Version: '2012-10-17'
            Statement:
              - Effect: 'Allow'
                Action: 's3:*'
                Resource: '*'
      Tags:
        - Key: 'Name'
          Value: 'Adesh'
```

Designer Diagram:



CloudFormation Stack Events:

The screenshot shows the AWS CloudFormation console. On the left, the 'Stacks' list shows the 'IAM-USER' stack with a status of 'CREATE_COMPLETE'. The main panel displays the 'Events' tab for the 'IAM-USER' stack. The events table shows the following data:

Timestamp	Logical ID	Status	Status reason
2024-02-13 13:26:48 UTC+0530	IAM-USER	CREATE_COMPLETE	-
2024-02-13 13:26:47 UTC+0530	MyIAMUser	CREATE_COMPLETE	-
2024-02-13 13:26:10 UTC+0530	MyIAMUser	CREATE_IN_PROGRESS	Resource creation Initiated
2024-02-13 13:26:09 UTC+0530	MyIAMUser	CREATE_IN_PROGRESS	-
2024-02-13 13:26:07 UTC+0530	IAM-USER	CREATE_IN_PROGRESS	User Initiated

CloudFormation Stack Resources:

The screenshot shows the AWS CloudFormation console. On the left, the 'Stacks' list shows the 'IAM-USER' stack with a status of 'CREATE_COMPLETE'. The main panel displays the 'Resources' tab for the 'IAM-USER' stack. The resources table shows the following data:

Logical ID	Physical ID	Type	Status	Module
MyIAMUser	Adesh	AWS::IAM::User	CREATE_COMPLETE	-

User Created Successfully:

The screenshot displays the AWS IAM console interface for a user named 'Adesh'. The top navigation bar includes links for EC2, S3, IAM, VPC, EFS, and CloudFormation. The breadcrumb trail shows 'IAM > Users > Adesh'. The user's name 'Adesh' is prominently displayed with an 'info' link and a 'Delete' button.

Summary

ARN arn:aws:iam::003624271090:user/Adesh	Console access Enabled without MFA	Access key 1 Create access key
Created February 13, 2024, 13:26 (UTC+05:30)	Last console sign-in Never	

Permissions | Groups | Tags (1) | Security credentials | Access Advisor

Permissions policies (1)

Permissions are defined by policies attached to the user directly or through groups.

Filter by Type: All types

<input type="checkbox"/>	Policy name ✕	Type	Attached via ✕
<input type="checkbox"/>	AdeshPolicy	Customer inline	Inline