Template for SecretId example

1. Resources:
2. MyCustomSecretResourcePolicy:
3. Type: AWS::SecretsManager::ResourcePolicy
4. Properties:
5. BlockPublicPolicy: true
6. SecretId: !Ref MyCustomSecret
7. ResourcePolicy:
8. Version: '2012-10-17'
9. Statement:
10. - Resource: "\*"
11. Action: secretsmanager:GetSecretValue
12. Effect: Allow
13. Principal:

              AWS: arn:aws:iam::123456789012:user/Bob

Template for AWS::SecretsManager::RotationSchedule example

1. Resources:
2. MyCustomRotationSchedule:
3. Type: AWS::SecretsManager::RotationSchedule
4. DependsOn: MyCustomRotationLambda
5. Properties:
6. SecretId: !Ref MySecureSecret
7. RotationLambdaARN: !GetAtt MyCustomRotationLambda.Arn
8. RotationRules:
9. Duration: 3h

        ScheduleExpression: 'cron(0 2 \* \* ? \*)'

Template for AWS::SecretsManager::Secret example

1. Resources:
2. MyNewSecret:
3. Type: 'AWS::SecretsManager::Secret'
4. Properties:
5. Name: MySecret
6. Description: "secret contains a dynamically generated pwd."
7. GenerateSecretString:
8. SecretStringTemplate: '{"username": "john"}'
9. GenerateStringKey: "Welcome123"
10. PasswordLength: 20
11. ExcludeCharacters: '"@&$'
12. Tags:
13. -
14. Key: ApplicationName
15. Value: Calculator

Template for AWS::SecretsManager::SecretTargetAttachment

1. Resources:
2. RDSInstanceSecret:
3. Type: AWS::SecretsManager::Secret
4. Properties:
5. Name: mysecret
6. GenerateSecretString:
7. SecretStringTemplate: !Sub '{"username":"root", "dbname":"db"}'
8. GenerateStringKey: password
9. PasswordLength: 16
10. ExcludeCharacters: '"@/\'
11. RDSInstance:
12. Type: AWS::RDS::DBInstance
13. DependsOn: RDSInstanceSecret
14. Properties:
15. DBInstanceClass: db.m5.large
16. AllocatedStorage: 20
17. DBName: !Join
18. - ''
19. - - '{{resolve:secretsmanager:'
20. - !Ref RDSInstanceSecret
21. - ':SecretString:dbname}}'
22. Engine: mysql
23. MasterUserPassword: !Join
24. - ''
25. - - '{{resolve:secretsmanager:'
26. - !Ref RDSInstanceSecret
27. - ':SecretString:password}}'
28. MasterUsername: !Join
29. - ''
30. - - '{{resolve:secretsmanager:'
31. - !Ref RDSInstanceSecret
32. - ':SecretString:username}}'
33. SecretRdsAttachment:
34. Type: AWS::SecretsManager::SecretTargetAttachment
35. Properties:
36. SecretId: !Ref RDSInstanceSecret
37. TargetId: !Ref RDSInstance
38. TargetType: AWS::RDS::DBInstance

Template for CreationPolicy example

1. Resources:
2. MyEC2Instance:
3. Type: AWS::EC2::Instance
4. Properties:
5. ImageId: ami-12345678
6. InstanceType: t2.micro
7. UserData:
8. Fn::Base64: |
9. *#!/bin/bash*
10. *# Install and configure applications*
11. *# Send success signal after applications are installed and configured*
12. /opt/aws/bin/cfn-signal -e $? --stack ${AWS::StackName} --resource MyEC2Instance
13. CreationPolicy:
14. ResourceSignal:
15. Count: 1
16. Timeout: PT5M

Template for Wait Condition Example

1. Resources:
2. MyEC2Instance:
3. Type: AWS::EC2::Instance
4. Properties:
5. ImageId: ami-12345678
6. InstanceType: t2.micro
7. UserData:
8. Fn::Base64: |
9. *#!/bin/bash*
10. *# Install and configure applications*
11. *# Send success signal after applications are installed and configured*
12. /opt/aws/bin/cfn-signal -e $? --stack ${AWS::StackName} --resource MyEC2Instance
13. CreationPolicy:
14. ResourceSignal:
15. Count: 1
16. Timeout: PT5M

Template for EC2 bootstrapping

1. Resources:
2. MyEC2Instance:
3. Type: AWS::EC2::Instance
4. Properties:
5. ImageId: ami-12345678
6. InstanceType: t2.micro
7. UserData:
8. Fn::Base64:
9. Fn::Join:
10. - ''
11. - - "#!/bin/bash -xe\n"
12. - "yum update -y\n"
13. - "yum install -y httpd\n"
14. - "service httpd start\n"