

Create SSM parameter and store our instance type into the giving store

Create parameter request succeeded

View details

AWS Systems Manager > Parameter Store

My parametersPublic parametersSettings

My parameters

View detailsEditDeleteCreate parameter

Search

< 1 >

<input type="checkbox"/>	Name	Tier	Type	Last modified
<input type="checkbox"/>	/myEC2Instance/type	Standard	String	Thu, 11 May 2023 07:46:14 GMT

AWS Systems Manager > Parameter Store > /myEC2Instance/type > Overview

myEC2Instance/type

EditDelete

OverviewHistoryTags

Name

/myEC2Instance/type

Tier

Standard

Type

String

Last modified date

Thu, 11 May 2023 07:46:14 GMT

Value

t3.small

Description

my preious instance type

Data type

text

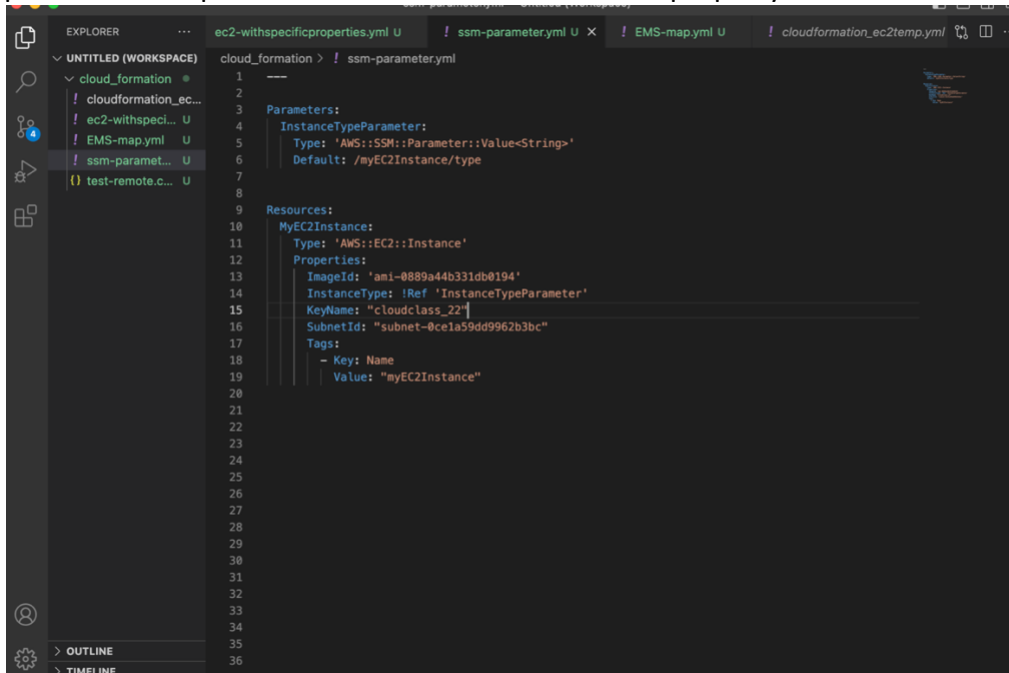
Last modified user

arn:aws:iam::208009137289:user/admin\_user

Version

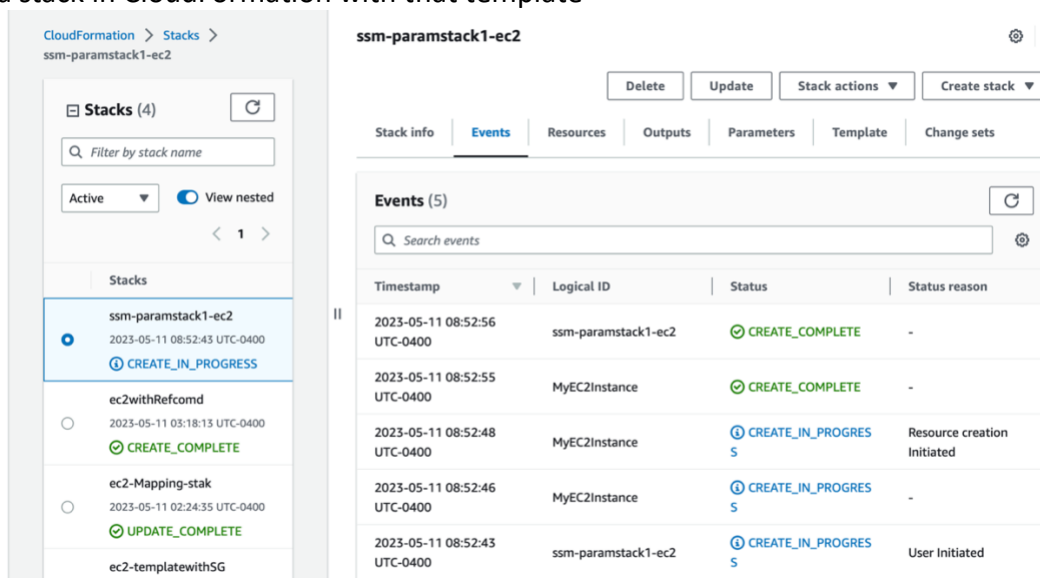
1

Create a parameter template with EC2 instance with subnet property



```
1  ---
2
3  Parameters:
4    InstanceTypeParameter:
5      Type: 'AWS::SSM::Parameter::Value<String>'
6      Default: /myEC2Instance/type
7
8
9  Resources:
10   MyEC2Instance:
11     Type: 'AWS::EC2::Instance'
12     Properties:
13       ImageId: 'ami-0889a44b331db0194'
14       InstanceType: !Ref 'InstanceTypeParameter'
15       KeyName: "cloudclass_22"
16       SubnetId: "subnet-0ce1a59dd9962b3bc"
17       Tags:
18         - Key: Name
19           Value: "myEC2Instance"
20
21
22
23
24
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35
36
```

Create a stack in CloudFormation with that template



CloudFormation > Stacks > ssm-paramstack1-ec2

Stacks (4)

- ssm-paramstack1-ec2  
2023-05-11 08:52:43 UTC-0400  
CREATE\_IN\_PROGRESS
- ec2withRefcomd  
2023-05-11 03:18:13 UTC-0400  
CREATE\_COMPLETE
- ec2-Mapping-stak  
2023-05-11 02:24:35 UTC-0400  
UPDATE\_COMPLETE
- ec2-templatewithSG

ssm-paramstack1-ec2

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

Events (5)

Timestamp	Logical ID	Status	Status reason
2023-05-11 08:52:56 UTC-0400	ssm-paramstack1-ec2	CREATE_COMPLETE	-
2023-05-11 08:52:55 UTC-0400	MyEC2Instance	CREATE_COMPLETE	-
2023-05-11 08:52:48 UTC-0400	MyEC2Instance	CREATE_IN_PROGRESS	Resource creation Initiated
2023-05-11 08:52:46 UTC-0400	MyEC2Instance	CREATE_IN_PROGRESS	-
2023-05-11 08:52:43 UTC-0400	ssm-paramstack1-ec2	CREATE_IN_PROGRESS	User Initiated

CloudFormation > Stacks > ssm-paramstack1-ec2

Stacks (4)

Filter by stack name

Active View nested

< 1 >

Stacks

ssm-paramstack1-ec2

2023-05-11 08:52:43 UTC-0400

CREATE\_COMPLETE

ec2withRefcomd

2023-05-11 03:18:13 UTC-0400

CREATE\_COMPLETE

ec2-Mapping-stak

2023-05-11 02:24:35 UTC-0400

UPDATE\_COMPLETE

ec2-templatewithSG

2023-05-10 22:38:36 UTC-0400

CREATE\_COMPLETE

ssm-paramstack1-ec2

Delete Update Stack actions Create stack

Stack info Events Resources Outputs Parameters Template Change sets

Template

View in Designer Copy to clipboard

```
---
Parameters:
  InstanceTypeParameter:
    Type: 'AWS::SSM::Parameter::Value<String>'
    Default: /myEC2Instance/type

Resources:
  MyEC2Instance:
    Type: 'AWS::EC2::Instance'
    Properties:
      ImageId: 'ami-0889a44b331db0194'
      InstanceType: !Ref 'InstanceTypeParameter'
      KeyName: "cloudloss_z2"
      SubnetId: "subnet-0ce1a59dd9962b3bc"
      Tags:
        - Key: Name
          Value: "myEC2Instance"
```

EC2 instance successfully created

Instances (1) Info

Connect Instance state Actions Launch instances

Find instance by attribute or tag (case-sensitive)

i-0b8f6ebcfcd9fc4 Clear filters

	Name	Instance ID	Instance state	Instance type	Status check	
<input type="checkbox"/>	myEC2Instance	i-0b8f6ebcfcd9fc4	Running	t3.small	2/2 checks passed	

Select an instance