

# Create EC2 using Cloudformation

- Create Stack – EC2WebServerStack

CloudFormation > Stacks > Create stack

**Create stack**

**Prerequisites - Prepare template**

You can also create a template by scanning your existing resources in the [IaC generator](#).

**Prepare template**

Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.

Choose an existing template  
Upload or choose an existing template.

Build from Infrastructure Composer  
Create a template using a visual builder.

**Specify template** Info

This [GitHub repository](#) contains sample CloudFormation templates that can help you get started on new infrastructure projects. Learn more [here](#).

**Template source**

Selecting a template generates an Amazon S3 URL where it will be stored. A template is a JSON or YAML file that describes your stack's resources and properties.

Amazon S3 URL  
Provide an Amazon S3 URL to your template.

Upload a template file  
Upload your template directly to the console.

Sync from Git  
Sync a template from your Git repository.

**Upload a template file**

[Choose file](#)

ec2-cloudformation.yaml

JSON or YAML formatted file

CloudFormation > Stacks > EC2WebServerStack

**EC2WebServerStack**

**Events** (1)

Timestamp	Logical ID	Status	Detailed status	Status reason	Hook invocations
2025-11-05 10:39:16 UTC+0530	EC2WebServerStack	<span>CREATE_IN_PROGRESS</span>	-	User Initiated	-

CloudFormation > Stacks > EC2WebServerStack

**EC2WebServerStack**

**Events** (3)

Timestamp	Logical ID	Status	Detailed status	Status reason	Hook invocations
2025-11-05 10:40:00 UTC+0530	EC2WebServerStack	<span>CREATE_COMPLETE</span>	-	-	-
2025-11-05 10:39:56 UTC+0530	MyInstance	<span>CREATE_COMPLETE</span>	-	-	-
2025-11-05 10:39:56 UTC+0530	EC2WebServerStack	<span>CREATE_IN_PROGRESS</span>	<span>CONFIGURATION_COMPLETE</span>	Eventual consistency check initiated	-
2025-11-05 10:39:56 UTC+0530	MyInstance	<span>CREATE_IN_PROGRESS</span>	<span>CONFIGURATION_COMPLETE</span>	Eventual consistency check initiated	-

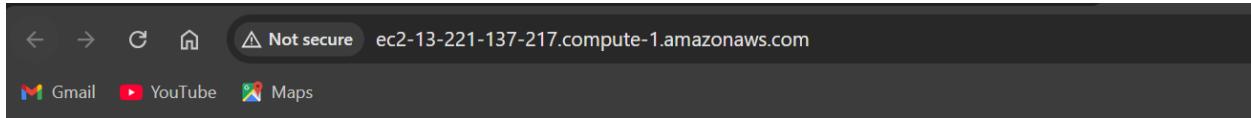
Introducing a new Control Catalog Integration for AWS CloudFormation Hooks. You can now create Hooks more easily by using proactive controls from the AWS Control Tower Control Catalog and view your historical invocations. Learn more about Hook invocations and the Control Catalog.

**Stacks (1)**

**EC2WebServerStack**

**Outputs (2)**

Key	Value	Description	Export name
InstancePublicIP	13.221.137.217	Public IP of the new EC2 instance	-
WebURL	<a href="http://ec2-13-221-137-217.compute-1.amazonaws.com">http://ec2-13-221-137-217.compute-1.amazonaws.com</a>	Access your web server here	-



## Deployed via CloudFormation!

- Delete Cloudformation Stack

**CloudFormation > Stacks > EC2WebServerStack**

**Events (42)**

Timestamp	Logical ID	Status	Detailed status	Status reason
2025-11-05 10:45:33 UTC+0530	AttachGateway	DELETE_IN_PROGRESS	-	-
2025-11-05 10:45:32 UTC+0530	MyRoute	DELETE_COMPLETE	-	-
2025-11-05 10:45:31 UTC+0530	MyInstance	DELETE_IN_PROGRESS	-	-
2025-11-05 10:45:31 UTC+0530	MyRoute	DELETE_IN_PROGRESS	-	-
2025-11-05 10:45:31 UTC+0530	SubnetRouteTableAssociation	DELETE_IN_PROGRESS	-	-
2025-11-05 10:45:29 UTC+0530	EC2WebServerStack	DELETE_IN_PROGRESS	-	User Initiated