

EC2 > Launch templates > Create launch template

Create launch template

Creating a launch template allows you to create a saved instance configuration that can be reused, shared and launched at a later time. Templates can have multiple versions.

Launch template name and description

Launch template name - required

AutoScaling-launch-template

Must be unique to this account. Max 128 chars. No spaces or special characters like ";", ":", "!", "(", ")", "&".

Template version description

AutoScaling-launch-template

Max 255 chars

Auto Scaling guidance

Select this if you intend to use this template with EC2 Auto Scaling

☒ Provide guidance to help me set up a template that I can use with EC2 Auto Scaling

Template tags

Source template

Launch template contents

Specify the details of your launch template below. Leaving a field blank will result in the field not being included in the launch template.

Application and OS Images (Amazon Machine Image) - required

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Search our full catalog including 1000s of application and OS images

Recents

Quick Start

Amazon Linux

Ubuntu

Windows

Red Hat

SUSE Linux

Browse more AMIs

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type

Free tier eligible

Description

Amazon Linux 2 Kernel 5.10 AMI 2.0.20230606.1 x86\_64 HVM gp2

Architecture

64-bit (x86)

AMI ID

ami-0c7f7528f583b2f8a

Instance type

Advanced

Instance type

t2.micro

Free tier eligible

Compare instance types

Family

t2

1 vCPU

1 GB Memory

On-Demand Linux pricing: 0.0116 USD per hour

On-Demand Windows pricing: 0.0163 USD per hour

Key pair (login)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name

lab-key

Create new key pair

Network settings

Subnet

Don't include in launch template

Create new subnet

When you specify a subnet, a network interface is automatically added to your template.

Firewall (security group)

A security group is a set of firewall rules that control the traffic to your instance. Add rules to allow specific traffic to reach your instance.

Select existing security group

Create security group

Security groups

Select security groups

Compare security group rules

AutoScaling-SecurityGroup

sg-0c9b31faf775e14b8

VPC: vpc-8f723a3a1f9a0a908

Advanced network configuration

No network interfaces are currently included in this template. Add a network interface to include it in the launch template.

Add network interface

Storage (volumes)

EBS Volumes

Hide details

Volume 1 (AMI Root) (8 GB, EBS, General purpose SSD (gp2))

AMI volumes are not included in the template unless modified

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

Resource tags

No resource tags are currently included in this template. Add a resource tag to include it in the launch template.

Add tag

50 remaining (up to 50 tags maximum)

Advanced details

Purchasing option

☐ Request Spot Instances

If Spot is selected you will not be able to create an Auto Scaling group that spans across multiple pricing options and instance types

IAM instance profile

Don't include in launch template

Create new IAM profile

Hostname type

Don't include in launch template

DNS Hostname

☐ Enable resource-based IPv4 (A record) DNS requests

☐ Enable resource-based IPv6 (AAAA record) DNS requests

Instance auto-recovery

Don't include in launch template

Shutdown behavior

Don't include in launch template

Not applicable for EC2 Auto Scaling

Stop - Hibernate behavior

Don't include in launch template

Not applicable for Amazon EC2 Auto Scaling

Termination protection

Don't include in launch template

Stop protection

Don't include in launch template

Detailed CloudWatch monitoring

Enable

Additional charges apply

Elastic GPU

Don't include in launch template

Elastic Inference

☐ Add Elastic Inference accelerators

Credit specification

Don't include in launch template

Placement group name

Don't include in launch template

Create new placement group

EBS-optimized instance

Don't include in launch template

Capacity reservation

Don't include in launch template

Tenancy

Don't include in launch template

RAM disk ID

Don't include in launch template

Kernel ID

Don't include in launch template

Nitro Enclave

Don't include in launch template

Nitro Enclaves are not compatible with instance types that have fewer than 2 vCPUs.

License configurations

Select a license configuration

Specify CPU options

The selected instance type does not support CPU options.

Metadata accessible

Don't include in launch template

Metadata version

Don't include in launch template

Metadata response hop limit

Don't include in launch template

Allow tags in metadata

Don't include in launch template

User data

```
sudo yum update -y
sudo amazon-linux-extras install docker -y
sudo service docker start
sudo usermod -s /bin/bash ec2-user
sudo systemctl enable docker
sudo gpawsd -a ec2-user docker
sudo grpck
sudo grpsize
newgrp docker
groups
docker pull d-borahdore/number-recognition-on-aws-application
docker run -d -p 5000:5000 d-borahdore/number-recognition-on-aws-application
```

☐ User data has already been base64 encoded

Summary

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...read more

ami-0c7f7528f583b2f8a

Virtual server type (instance type)

t2.micro

Firewall (security group)

AutoScaling-SecurityGroup

Storage (volumes)

1 volume(s) - 8 GB

Free tier

In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

X

Cancel

Create launch template

Feedback

Looking for language selecton? Find it in the new Unified Settings.