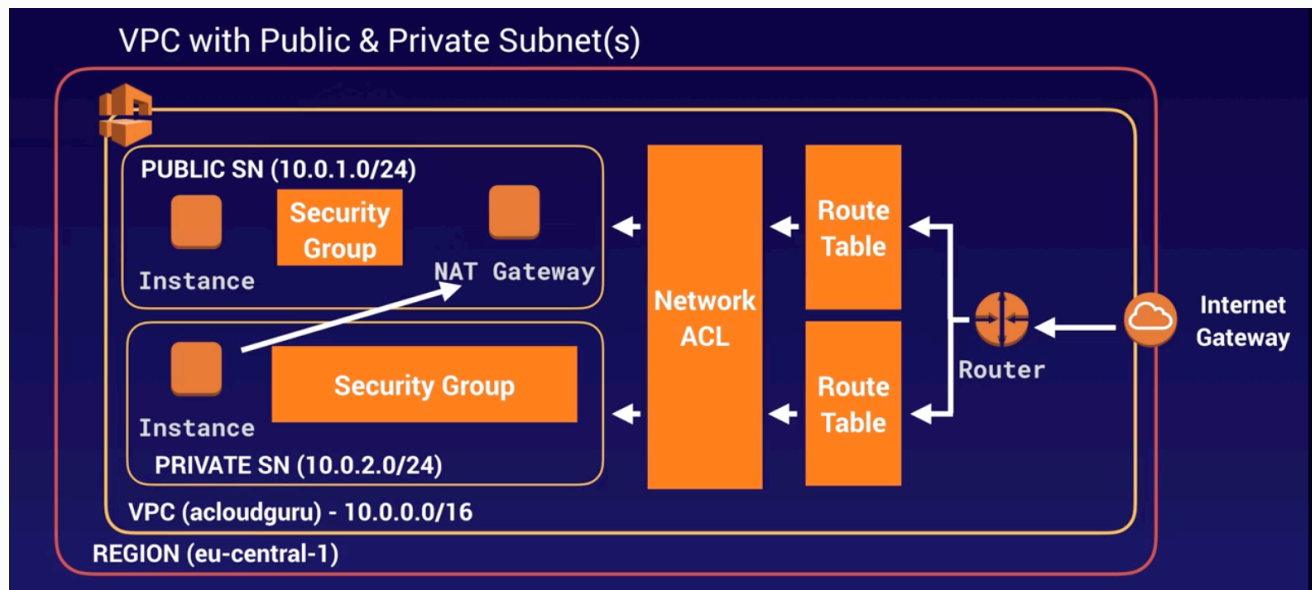


Nat Instances & Nat Gateways



aws Services

Search for services, features, marketplace products, and docs [Option+S]

1. Choose AMI 2. Choose Instance Type 3. Configure Instance 4. Add Storage 5. Add Tags 6. Configure Security Group 7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g., "Windows"

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Operating system

- ☐ Amazon Linux
- ☐ CentOS
- ☐ Debian
- ☐ Fedora
- ☐ Gentoo
- ☐ openSUSE
- ☐ Other Linux
- ☐ Red Hat
- ☐ SUSE Linux
- ☐ Ubuntu
- ☐ Windows
- ☐ macOS

Architecture

- ☐ 32-bit (x86)
- ☐ 64-bit (x86)

| | |
|---|--------------|
| amzn2-ami-hvm-2.0.20210701.0-x86_64-gp2 - ami-0dc2d3e4c0f9ebd18 | Select |
| Amazon Linux 2 AMI 2.0.20210701.0 x86_64 HVM gp2 | 64-bit (x86) |
| Root device type: ebs Virtualization type: hvm ENA Enabled: Yes | |
| RHEL-8.4.0_HVM-20210504-x86_64-2-Hourly2-GP2 - ami-0b0af3577fe5e3532 | Select |
| Provided by Red Hat, Inc. | 64-bit (x86) |
| Root device type: ebs Virtualization type: hvm ENA Enabled: Yes | |
| suse-sles-15-sp2-v20210211-hvm-ssd-x86_64 - ami-0fde50fcbcd46f27 | Select |
| SUSE Linux Enterprise Server 15 SP2 (HVM, 64-bit, SSD-Backed) | 64-bit (x86) |
| Root device type: ebs Virtualization type: hvm ENA Enabled: Yes | |
| ubuntu/images/hvm-ssd/ubuntu-focal-20.04-amd64-server-20210430 - ami-09e67e426f25ce0d7 | Select |
| Canonical, Ubuntu, 20.04 LTS, amd64 focal image build on 2021-04-30 | 64-bit (x86) |
| Root device type: ebs Virtualization type: hvm ENA Enabled: Yes | |
| ubuntu/images/hvm-ssd/ubuntu-bionic-18.04-amd64-server-20210415 - ami-0747bdcabd34c712a | Select |
| Canonical, Ubuntu, 18.04 LTS, amd64 bionic image build on 2021-04-15 | 64-bit (x86) |
| Root device type: ebs Virtualization type: hvm ENA Enabled: Yes | |
| Windows_Server-2019-English-Full-Base-2021.07.14 - ami-03295ec1641924349 | Select |

CHAPTER 9.4

NAT Instances and NAT Gateways - Demo

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RESOURCES ALL LESSONS

- NAT Instances and NAT Gateways - Demo 13:01
- Network Access Control Lists - Demo 15:12
- Custom VPCs and ELBs - Demo 02:19
- VPC Flow Logs - Demo 05:45
- Bastions 03:28
- Direct Connect 03:39
- Setting Up Direct Connect [SAA-C02] 02:37
- Global Accelerator [SAA-C02] 11:47
- VPC Endpoints [SAA-C02] 10:53
- AWS PrivateLink [SAA-C02] 03:36
- AWS Transit Gateway [SAA-C02] 02:40
- AWS VPN CloudHub [SAA-C02] 02:00
- AWS Network Costs [SAA-C02] 03:35
- VPC Summary 15:15

Step 1: Choose an Amazon Machine Image (AMI)

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Q nat

Search by Systems Manager parameter

Quick Start (0)

My AMIs (0)

AWS Marketplace (50)

Community AMIs (576)

Operating system

Amazon Linux

Cent OS

Debian

Fedora

Gentoo

openSUSE

Other Linux

Red Hat

SUSE Linux

Ubuntu

Windows

macOS

Architecture

32-bit (x86)

64-bit (x86)

amzn-ami-vpc-nat-hvm-2018.03.0.20181116-x86_64-efs - ami-00a9d4a05375b2763

Amazon Linux AMI 2018.03.0.20181116 x86_64 VPC HVM ebs

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-vpc-nat-hvm-2017.09.1.20180108-x86_64-efs - ami-01623d7b

Amazon Linux AMI 2017.09.1.20180108 x86_64 VPC NAT HVM EBS

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-vpc-nat-2018.03.0.20210521.1-x86_64-efs - ami-018042f56926ea213

Amazon Linux AMI 2018.03.0.20210521.1 x86_64 VPC HVM ebs

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-vpc-nat-2018.03.0.20200716.0-x86_64-efs - ami-01ef31f9f39c5aaed

Amazon Linux AMI 2018.03.0.20200716.0 x86_64 VPC HVM ebs

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-vpc-nat-2018.03.0.20200514.0-x86_64-efs - ami-02623b65d521fbd30

Amazon Linux AMI 2018.03.0.20200514.0 x86_64 VPC HVM ebs

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select

64-bit (x86)

amzn-ami-vpc-nat-2018.03.0.20190826-x86_64-efs - ami-02cb555e324696ced

Select

CHAPTER 9.4

NAT Instances and NAT Gateways - Demo

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RESOURCES ALL LESSONS

NAT Instances and NAT Gateways - Demo

Network Access Control Lists - Demo

Custom VPCs and ELBs - Demo

VPC Flow Logs - Demo

Bastions

Direct Connect

Setting Up Direct Connect [SAA-C02]

Global Accelerator [SAA-C02]

VPC Endpoints [SAA-C02]

AWS PrivateLink [SAA-C02]

AWS Transit Gateway [SAA-C02]

AWS VPN CloudHub [SAA-C02]

AWS Network Costs [SAA-C02]

VPC Summary