Configure Amazon Lightsail

October 2022

What is Amazon Lightsail?

"Amazon Lightsail is a virtual private server (VPS) provider and is the easiest way to get started with AWS for developers, small businesses, students, and other users who need a solution to build and host their applications on cloud."

You can interact with Amazon Lightsail through the console, command line interface (CLI), or API to create and manage instances.

Amazon Lightsail Console (LC)

Lab Setup

2 Linux Instances
2 Win Instances

OpenVPN connection
*(Security Concern)

Linux Web Server

WinDC and Win Member Server

LC - Create an Instance (Location - Blueprints)

LC - Create an Instance (OS Only)

LC - Create an Instance (Linux SSH and Plan)

SSH Key Pair (Default vs. Created)

Automatic Snapshots ($)

Instance Plan (Read about the 3 months free)

LC - Create an Instance (Win)

Pick your instance image ⓘ

Select a platform

Linux/Unix
28 blueprints

Microsoft Windows
4 blueprints

Windows-based instance prices reflect additional licensing fees.

Select a blueprint

Apps + OS   OS Only

Windows Server 2019
2022.09.14

Windows Server 2016
2022.09.14

Windows Server 2012 R2
2022.09.14

Choose your instance plan ⓘ

New! Check out our new 16 GB and 32 GB RAM bundles!

Sort by: | **Price per month** | Memory | Processing | Storage | Transfer |

First 3 months free!
$8
USD

First 3 months free!
$12
USD

First 3 months free!
$20
USD

$40
USD

$8 USD	$12 USD	$20 USD	$40 USD
512 MB	1 GB	2 GB	4 GB
1 vCPU	1 vCPU	1 vCPU	2 vCPUs
30 GB SSD	40 GB SSD	60 GB SSD	80 GB SSD
1 TB	2 TB	3 TB	4 TB

For a limited time, new Lightsail customers can try the selected plan for free for thr
Learn more about the free trial in Lightsail. ↗

Identify your instance

Your Lightsail resources must have unique names.

Windows_Server_2016-1   ×   1

Windows OS

Instance Plan and Cost

Name your Instance

LC - Configure Instance

purpleVPN

1 GB RAM, 1 vCPU, 40 GB SSD

Ubuntu

Oregon, Zone A (us-west-2a)

Stop   Reboot

Status: **Running**

Public IP: **35.91.253.148**

Private IP: **172.26.11.107**

Public IPv6: **Not enabled**

Learn more about IPv6

Connect   Storage   Metrics   Networking   Snapshots   Tags   History   Delete

Name

Location

Delete

Public IP

Private IP (They can talk internally - not continuous)

IPv6 enabled by Default

LC - Configure Instance - Connecting

Connect to your instance ⓘ

You can connect using your browser, or your own compatible SSH client.

Use your browser

Connect using our browser-based SSH client

Connect using SSH

Use your own SSH client

Connect using an SSH client ↗

CONNECT TO
35.91.253.148

USER NAME
ubuntu

SSH KEY
This instance was created with the personal SSH key named **BSidesIF**.

Manage your SSH keys from your **Account** page.

Browser Connection

Use SSH Client (Ansible)

Default Username

SSH Key Utilized

LC - Configure Networking (Linux)

IPv4 Firewall applies to Public IP Address

Adding Rules

Restrict to IP Address Range

IPv6 Network (Disable?)