



Cloud servers: getting started

Tags: **ACC**

With the Cloud Server feature, you can launch up to 9 virtual machines allowing you to quickly start learning. They'll help you lower the risk of misconfiguration or missing packages on your local machine. Go spin up a few Cloud Servers and try it out for yourself.

1. Create a new Cloud Server by clicking **New Server** in the Cloud Servers tab.

Cloud Playground

Learn by doing in our real, live practice environments.

CLOUD SANDBOXES

INSTANT TERMINAL

CLOUD SERVERS

There's nothing here!

[+ New Server](#)

2. Fill out the details of your desired Cloud Server.

1. **Distribution**- Choose your preferred server distribution from the drop down list. Keep in mind there are different attributes and access based on the distribution.

Distribution	Web SSH	Available in Trial	Enterprise Exclusive
Amazon Linux 2	✓	✓	
CentOS 6	✓	✓	
CentOS 7	✓	✓	
CentOS 7 w/Docker	✓	✓	
CloudNative Kubernetes Server	✓	✓	
CoreOS	✓	✓	
Debian 9	✓	✓	
Linux Essentials	✓	✓	
Red Hat 7	✓	✓	
Ruby on Linux	✓	✓	
Ubuntu 16.04 Xenial LTS	✓	✓	
Ubuntu 18.04 Bionic Beaver LTS	✓	✓	
Kali Linux	✓		
Windows Server 2019			✓
Fedora Workstation	✓	✓	
Ubuntu 19.04 Disco Dingo	✓	✓	

Red Hat Enterprise Linux 8	✓	✓	
openSUSE Leap 15.1	✓	✓	
SUSE Linux Enterprise Server 15	✓	✓	

2. **Zone** - There are five available zones to choose from and you can only have one active zone at a time. You'll need to delete the Cloud Servers before trying to create one in another zone.

Zone

- North America
- Europe
- Southeast Asia
- Australia
- South Asia

3. **Size** - Choose from Micro to Large for your server size. Each user has a max limit of 9 units total on the account. The system will not allow you to go over.

Size

- Micro:** 1 unit(s)[\$~2 Virtual CPU, 1 GiB Memory]
- Small:** 2 unit(s)[\$~2 Virtual CPU, 2 GiB Memory]
- Medium:** 3 unit(s)[\$~2 Virtual CPU, 4 GiB Memory]
- Large:** 4 unit(s)[\$~2 Virtual CPU, 8 GiB Memory]

4. **Tag** - Stay organized by adding an optional tag to your server to be displayed in the Tag column of your Server list.

3. Click **Create Server** to spin up your Cloud Server.



This will send you back to your Cloud Servers list and show your Cloud Server progress.

Distribution
CentOS 8
Tags
-
Expires
Jun 03, 2021
Units
2
Ready

Quick Actions

Open Terminal

Credential

Username

Temporary Password

IP Address

Public IPv4

Private IPv4

IPv6

Public Hostnames

Record 1

Record 2

Depending on your internet provider or DNS lookup server, it may take longer for public hostnames to resolve to your new Cloud Servers IP address.

System

Auto Shutdown **04:02 PM**
The server will shut down automatically after 4 hours.

Quick Actions

Open Terminal

Logs

Initialized	
Creating	Allocating a new server instance in the cloud
Starting	Booting up new server
Started	System successfully transitioned to started
Assigning IP	Allocating IP addresses and assigning a domain name to your instance
IP Assigned	IP address and DNS entry success
Verifying SSH	Attempting SSH to server with cloud_user
SSH Verified	SSH connection succeeded
Running Commands	Running startup commands to ensure the server is in the correct state
Commands Complete	Startup commands were successful.
Ready	Server is running and ready to use.

- Manage your Cloud Server by clicking the drop down arrow to the far right of your Cloud Server. (Please refer to the image above.)

Available server information

- **Credential** - The default username (cloud_user) and temporary password will be displayed here. You'll need to copy and use these credentials to access your Cloud Server.
- **IP Addresses** - This section lists the Public IPv4 address, Private IPv4 address, and IPv6 address assigned to the server. The Public IPv4 will change every time the server is started. The Private IPv4 address and the IPv6 address will remain associated with the server until it is deleted.
- **Public Hostnames**- This section displays automatically generated DNS hostnames that are available for the servers.
- **Auto-Shutdown**- Cloud Servers have a four hour time limit. This field displays the time your server is set to shut down.
- **Logs** - The Logs section to the right will list the servers' status actions as it changes from stopped to ready (or initial creation to ready). This will let you know what step the server is on and see the progress as the server starts up or shuts down.

Your available actions

If the Cloud Server supports the Web Terminal, you can click **Open Terminal** at the bottom to open a new Web Terminal tab.

System

Auto Shutdown

04:02 PM

The server will shut down automatically after 4 hours.

Quick Actions

Open Terminal

You can also click the Quick Actions dropdown to open the available actions for that server distribution. Some distributions may have more or fewer options than others. These are the current standard options for most distributions:

- Reset Password - Reset the password for the cloud_user to the randomly generated one that is displayed on the server details
- Add /dev/xvdb - Add a 1GB secondary drive that will be listed as /dev/xvdb on your server
- Delete Server - Removes the Cloud Server entirely

System

Auto Shutdown

04:02 PM

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Quick Actions

Open Terminal

Server Settings

Reset Password

Reset Server Hostname

Mount Volumes

Add /dev/nvme1n1

Add /dev/nvme2n1

Actions

Delete Server

Important: Cloud Servers will be deleted after 14 days of inactivity. If you do not engage with your server for two weeks, you'll need to create a new one.

Congratulations Cloud Guru, you now know how to spin up a Cloud Server and manage those Servers. Take a deep breath, it's okay, we know it's a lot to take in.

If you need help, please email [Pluralsight Support \(opens email form\)](#) for 24/7 assistance.