

Alpaquita Linux

Getting started with AWS images



Alpaquita Linux
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1. Overview

BellSoft provides Alpaquita Linux images for the AWS Cloud. Alpaquita Linux is an Alpine-based distribution with two libc options (improved musl and glibc) and several performance and security optimizations. Alpaquita cloud images enable developers to build microcontainers and significantly reduce cloud costs.

2. Selecting an image

Use Bell-SW [AWS page](#) to select the Amazon Machine Image (AMI) with the combination of parameters that you are interested in.

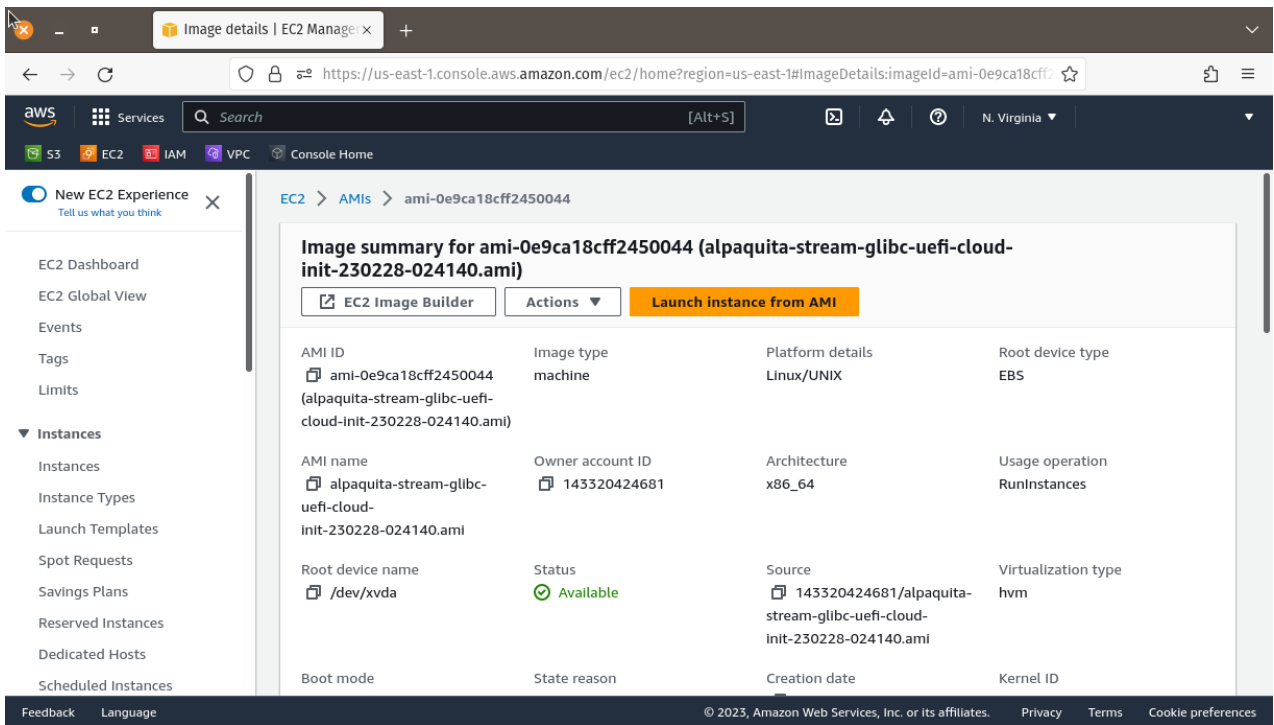


Note:

AMI is a master image for creating virtual servers, known as EC2 instances, in the Amazon Web Services (AWS) environment.

The screenshot shows a web browser window with the URL <https://bell-sw.com/pages/downloads/alpaquita-cloud-image/>. The page features the Bellsoft logo and navigation links: Products, Resources, Support, About us, Downloads, and a green Contact us button. Below the navigation, there are four dropdown menus for filtering: Launch Region (us-east-1), LIBC (glibc), Firmware (uefi), and Bootstrap (cloud-init). A 'Reset Filter' button is located below these menus. The main heading is 'Alpaquita Image Stream' with a '64 bit' label. A list of images is shown, with the first one being 'x86' and 'Alpaquita Stream glibc cloud-init us-east-1 for x86_64 with UEFI'. Below this image, there is a 'Region: us-east-1' dropdown, a 'Image details' link with a downward arrow, and a 'Copy AMI' button. A chat icon is visible in the bottom right corner.

Clicking **Image details** of the image you want to launch opens the AWS web interface (you need to provide authentication information if you have not logged in to the AWS web interface). The image details page provides all the information about the image. The "Launch instance from AMI" button opens the forms page to set up the VM instance.

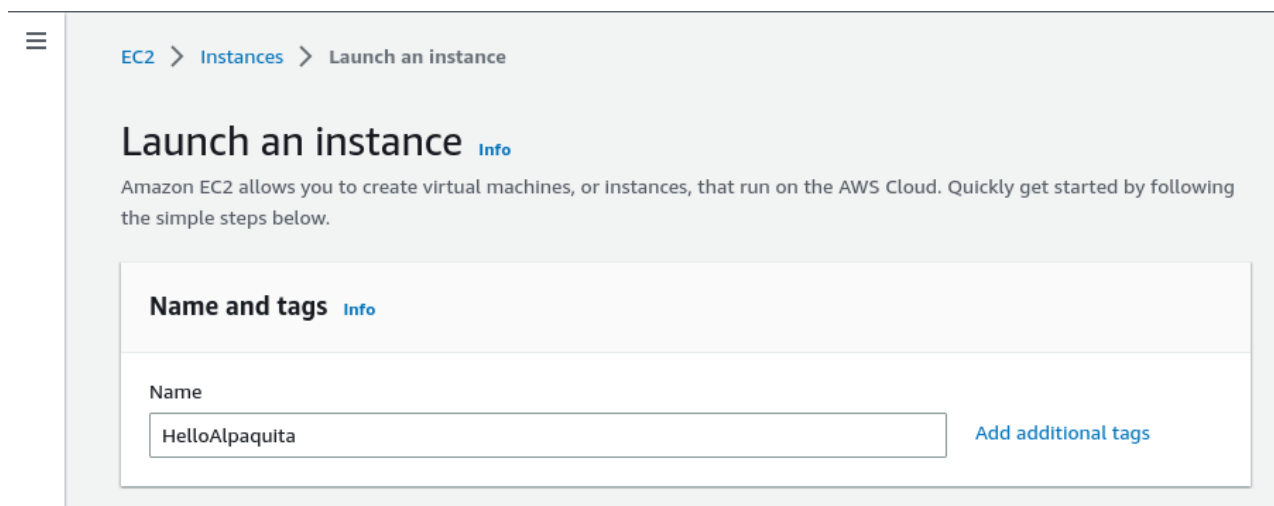


3. Launching the virtual machine instance

Click the "Launch instance from AMI" button to open the launch page with a set of forms. Fill in the forms for the selected image.

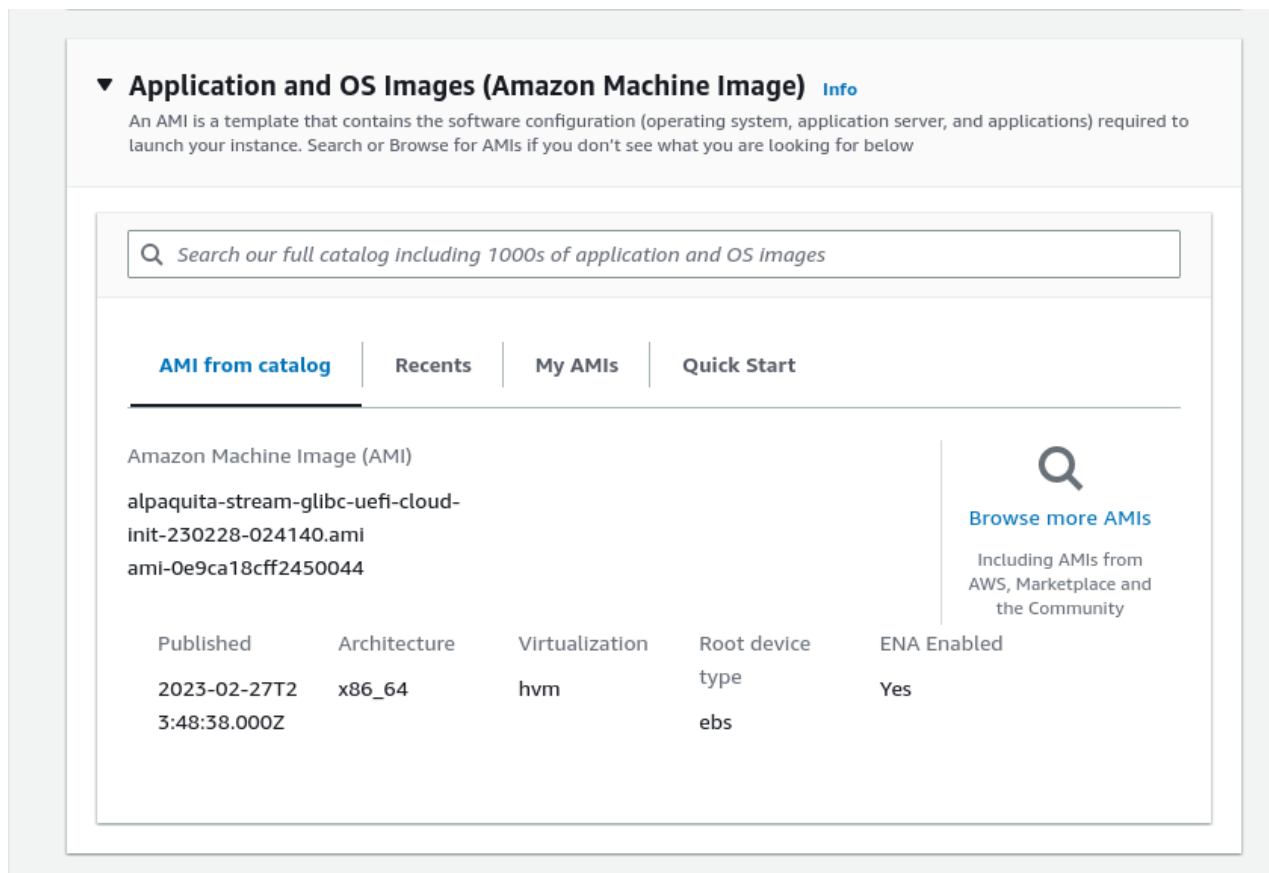
Instance Name

Type in a name for your instance in the **Name** field.



The source AMI

This form is pre-filled with the information from the AMI you have selected on the previous step. Leave the default values.



Instance Type

Virtual machines in the cloud come in many shapes and sizes. In the next form, select the instance type you want. You can leave the default selection for a quick introduction.



Note:

See the [instance types](#) documentation from Amazon for more information.

▼ Instance type [Info](#)

Instance type

t3.micro

Family: t3 2 vCPU 1 GiB Memory

On-Demand SUSE pricing: 0.0104 USD per Hour

On-Demand Linux pricing: 0.0104 USD per Hour

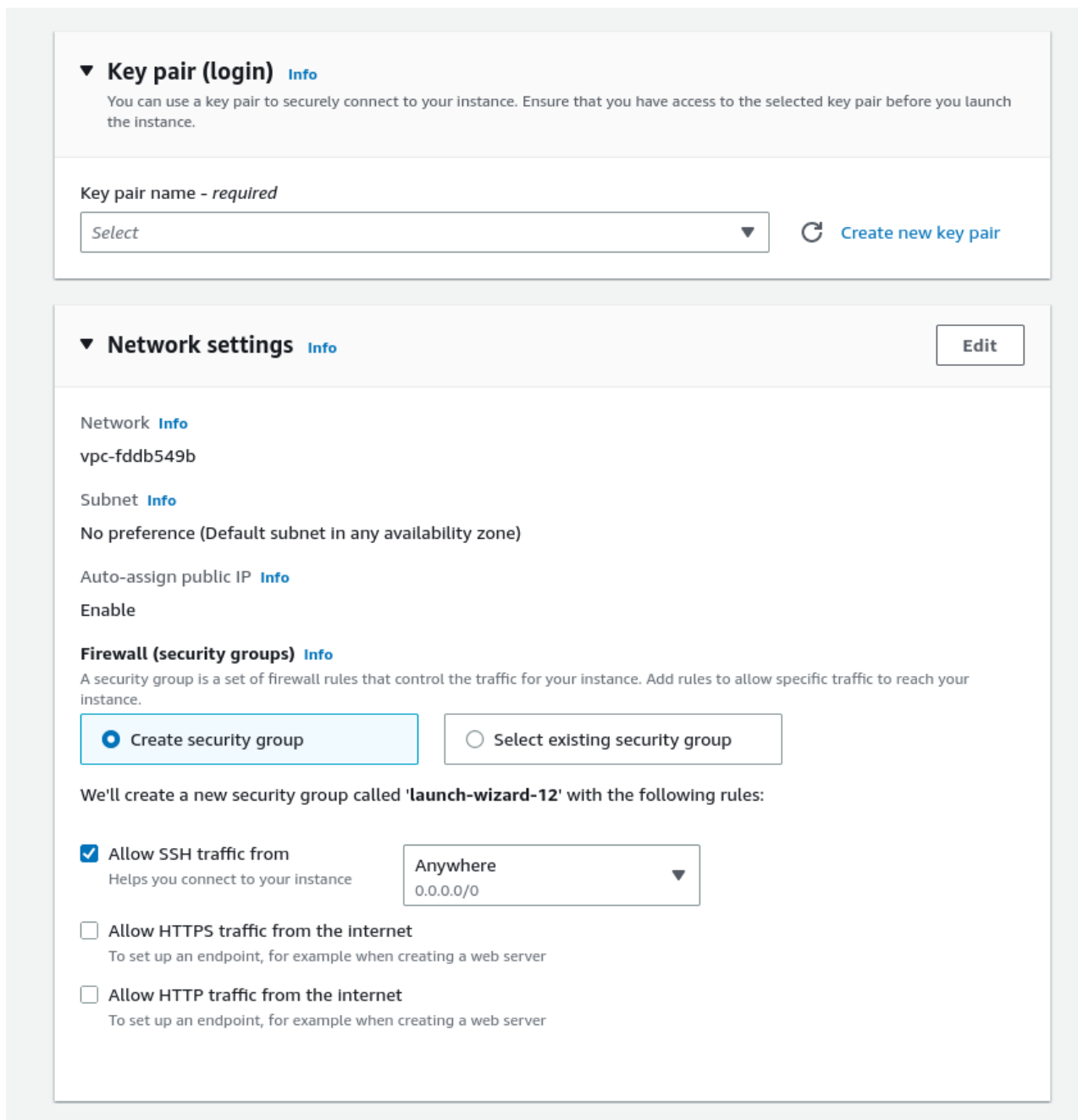
On-Demand RHEL pricing: 0.0704 USD per Hour

On-Demand Windows pricing: 0.0196 USD per Hour

[Compare instance types](#)

Networking

Fill in the following form to access your cloud instance.



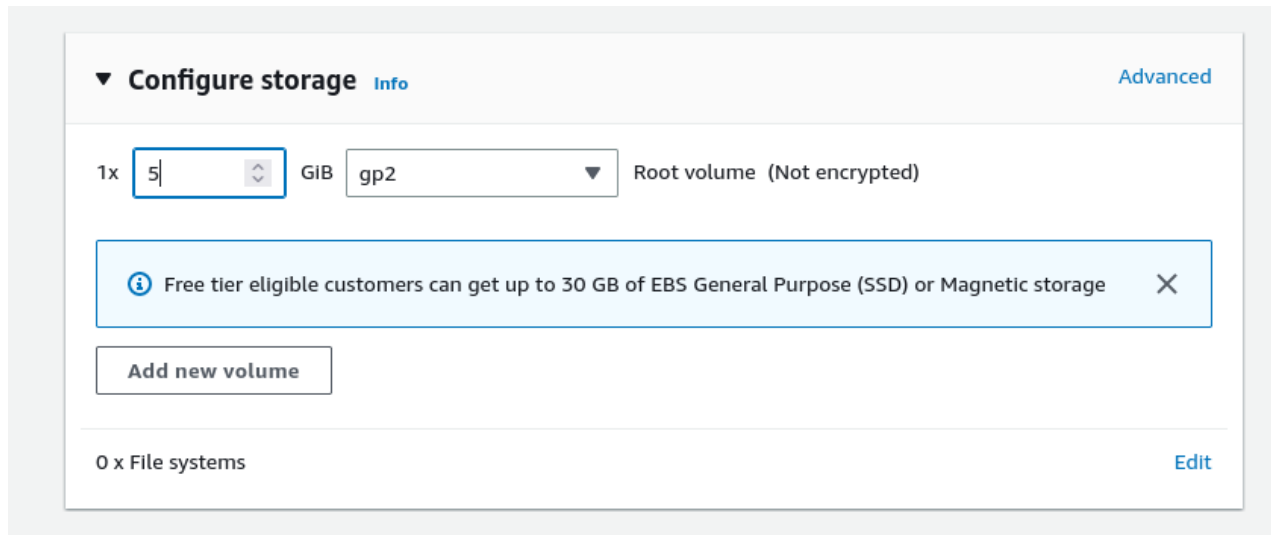
Use an existing [SSH key pair](#), or create a new one. This key pair provides identification when you connect to the created instance.

Select **Allow SSH traffic from** to enable the SSH traffic to connect to your instance.

If you plan to start a networking server in your instance, configure the relevant firewall rules in this form.

Storage

The next form helps you select the amount of disk space your instance can occupy. If you only want to do some basic testing, leave the default value. If you want to install some apps and test them, you might want to increase the space. In this example we have increased the amount of available disk space from 1GB to 5GB for demonstration purposes.



Review and launch

You are ready to launch your instance. Review the summary of your settings and click the **Launch instance** button.

▼ Summary

Number of instances [Info](#)

1

Software Image (AMI)
Alpaquita/x86_64 stream glibc ...[read more](#)
ami-0e9ca18cff2450044

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 5 GiB

i **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 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. **X**

Cancel **Launch instance**

4. Logging in

When the instance is launched, you can [log in](#) with an SSH client using the *default username* `alpaquita` and the SSH key pair you specified when configuring the instance.



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