Linux

This document will provide you with instructions on how to prepare and register your own template image for use with Frame. Before moving forward with the preparation procedure, please ensure you have read through the general requirements on the BYO image page and considerations below.

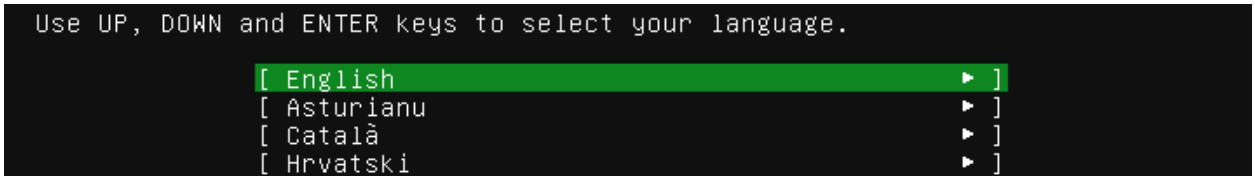
Considerations

- Create a template VM running a supported version of Ubuntu from an ISO or from the AWS, Azure, or GCP Marketplace.

Create an Ubuntu Template Image VM

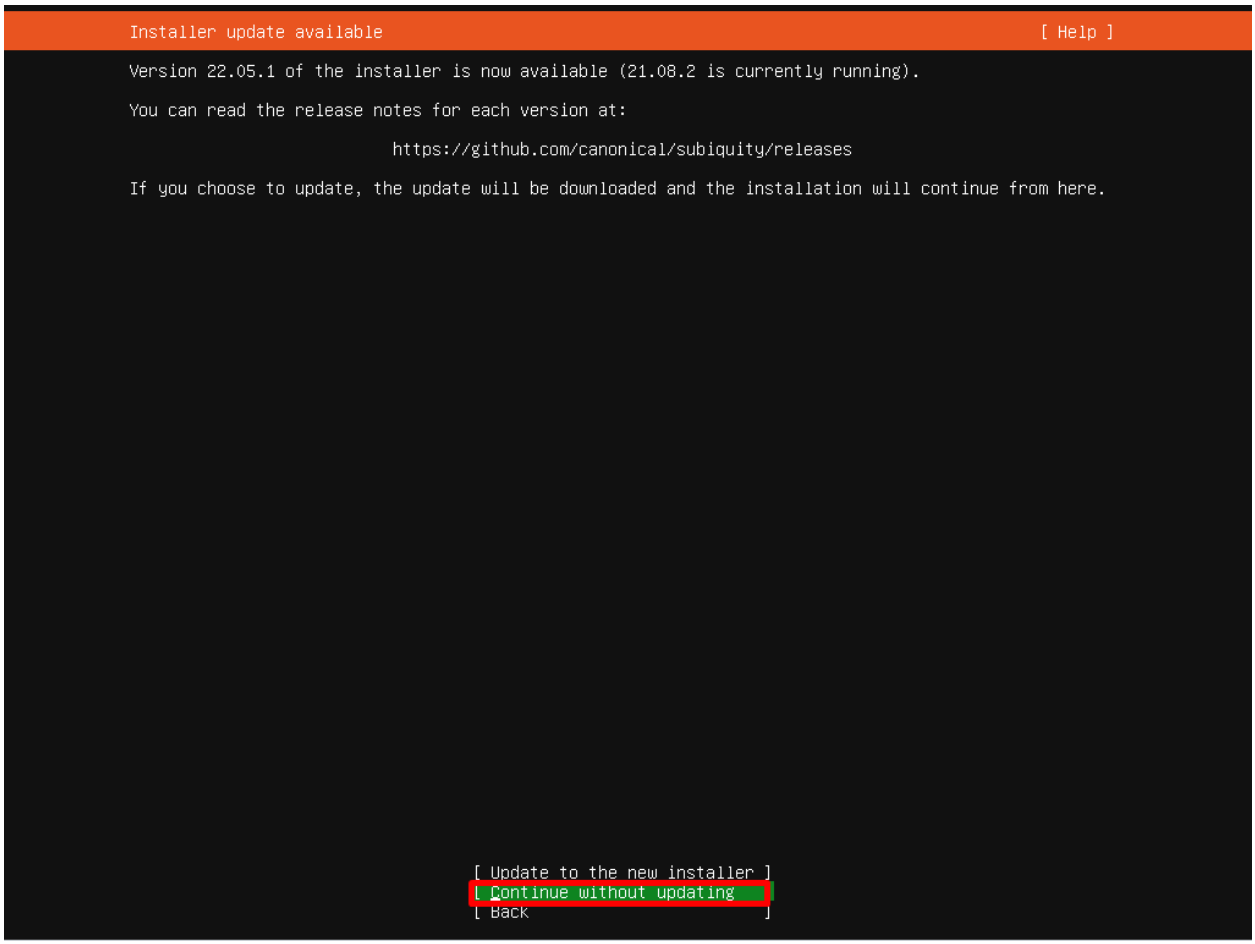
The following instructions assume you have an Ubuntu 24.04 ISO image in your desired infrastructure. If you already have an Ubuntu VM you wish to use as the starting point for your template VM, then you can skip to the installation of the Frame Guest Agent.

1. Create a VM using your Ubuntu ISO (mounted as a CD-ROM). The VM should have at least 2 vCPUs, 8 GB memory, 40 GiB disk, and a network interface.
2. Power on the VM and access the VM through the console or via ssh.
3. Choose your language.



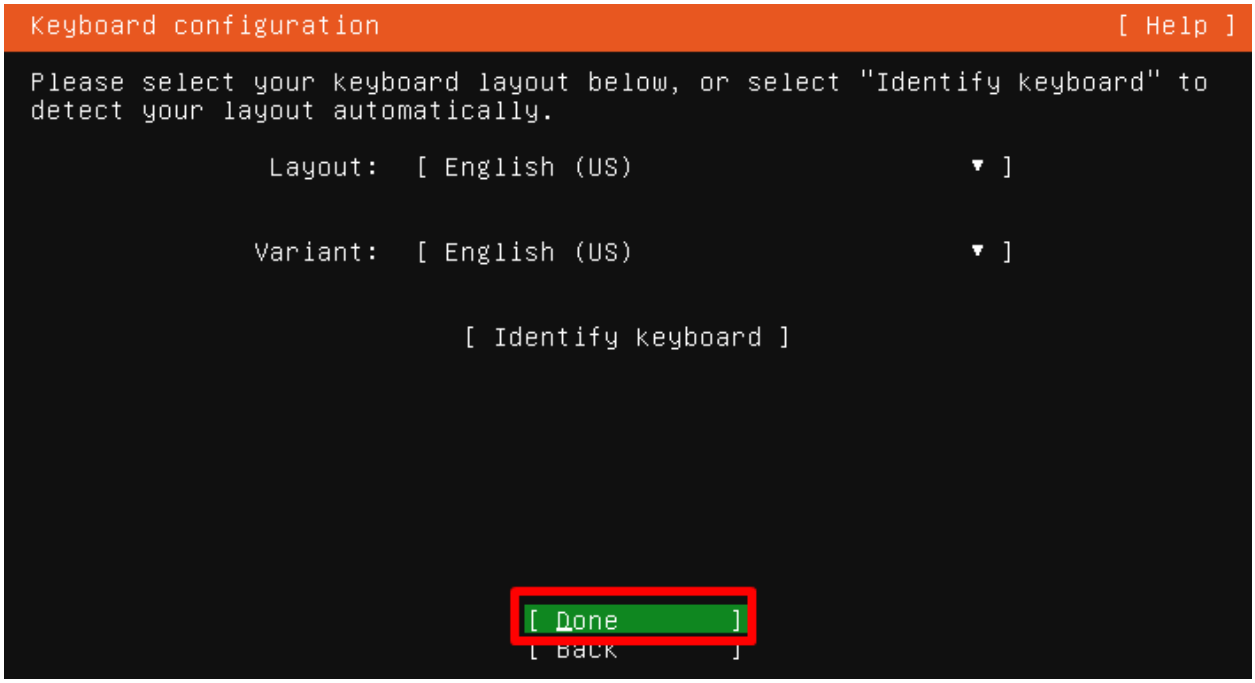
Ubuntu Installer - Language

2. If you are informed that there is an installer update available, choose "Continue" without updating to stay on version 20.04. You can always perform the updates later in the Sandbox.



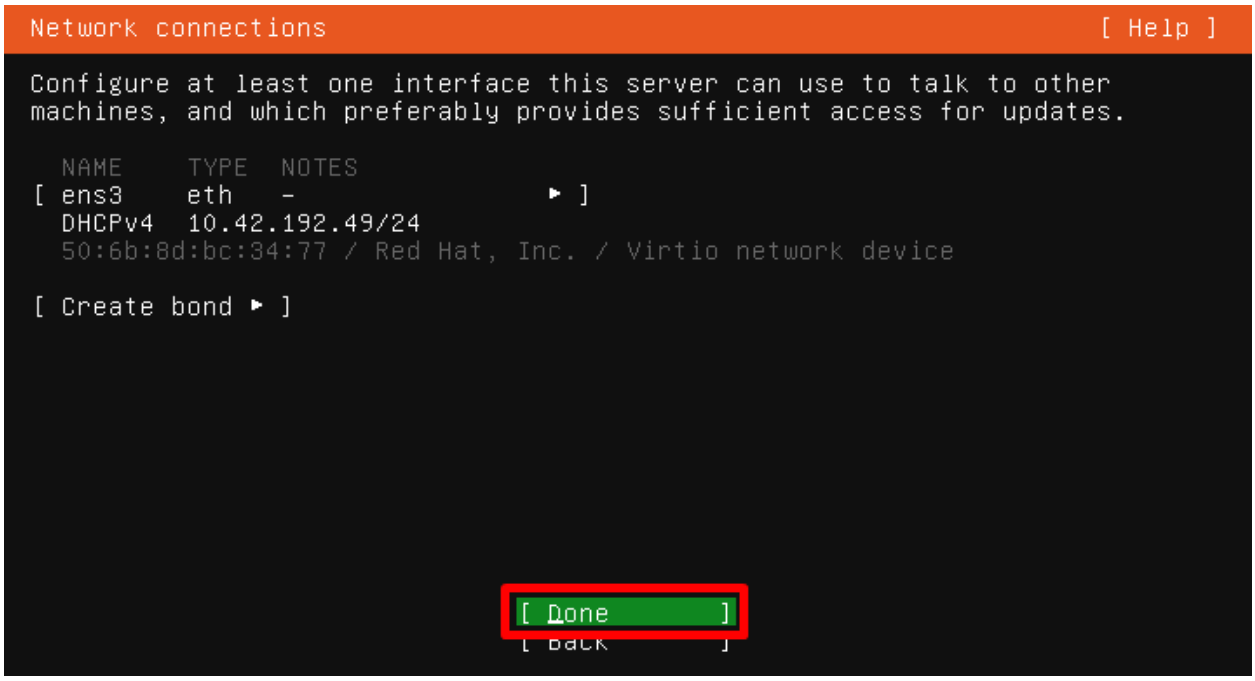
Ubuntu Installer - Update

3. Choose your Keyboard Configuration. Choose "Done" when complete.



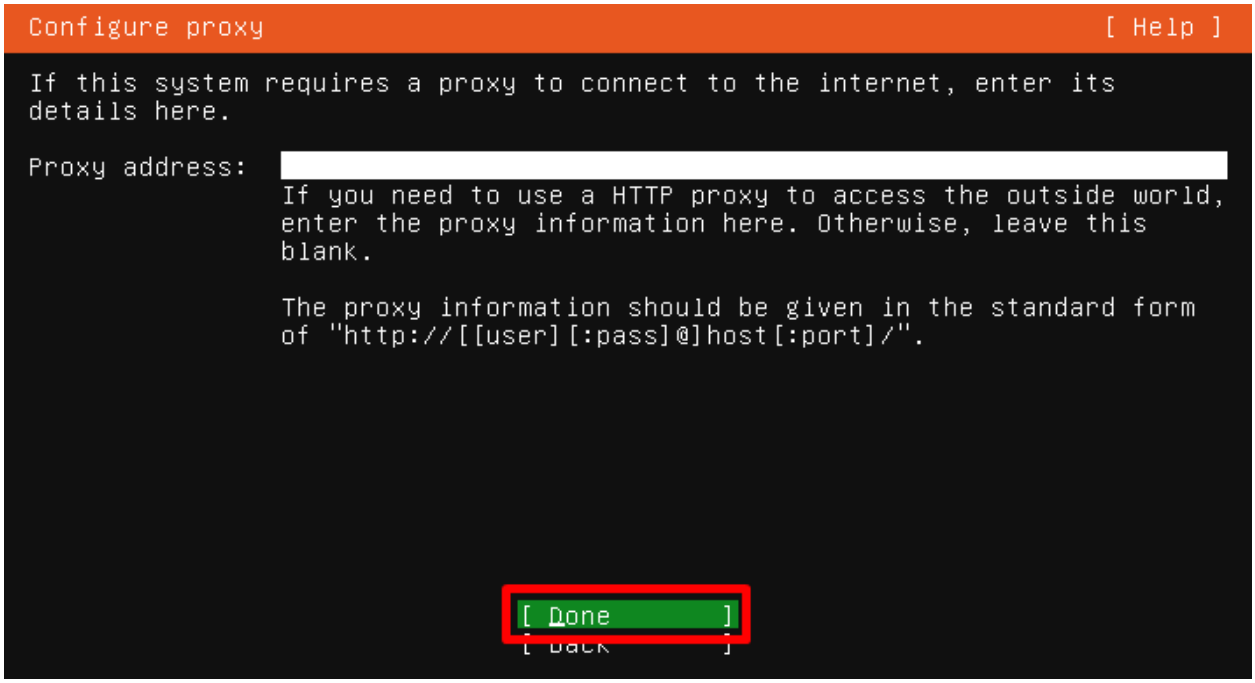
Ubuntu Installer - Keyboard Configuration

4. Configure your Network Connections. Choose "Done" when complete.



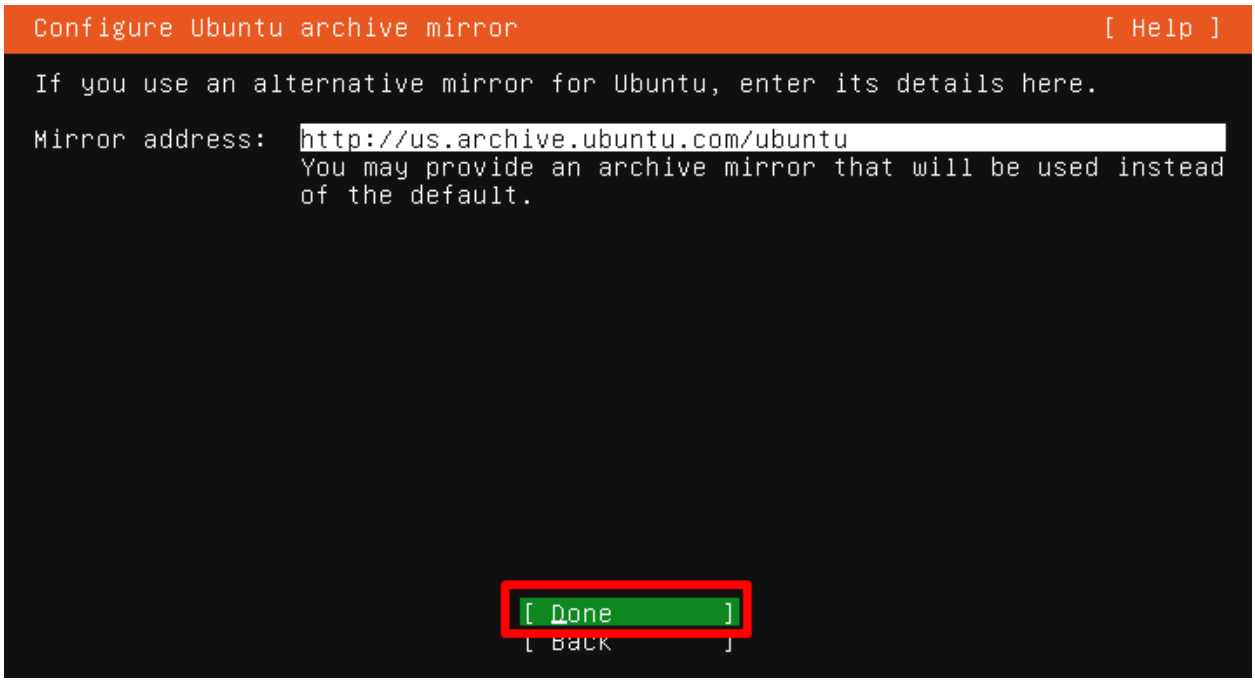
Ubuntu Installer - Network Connections

5. Leave the Proxy Address field blank and choose "Done" (unless the VM needs to communicate to the Internet using an outbound proxy server).



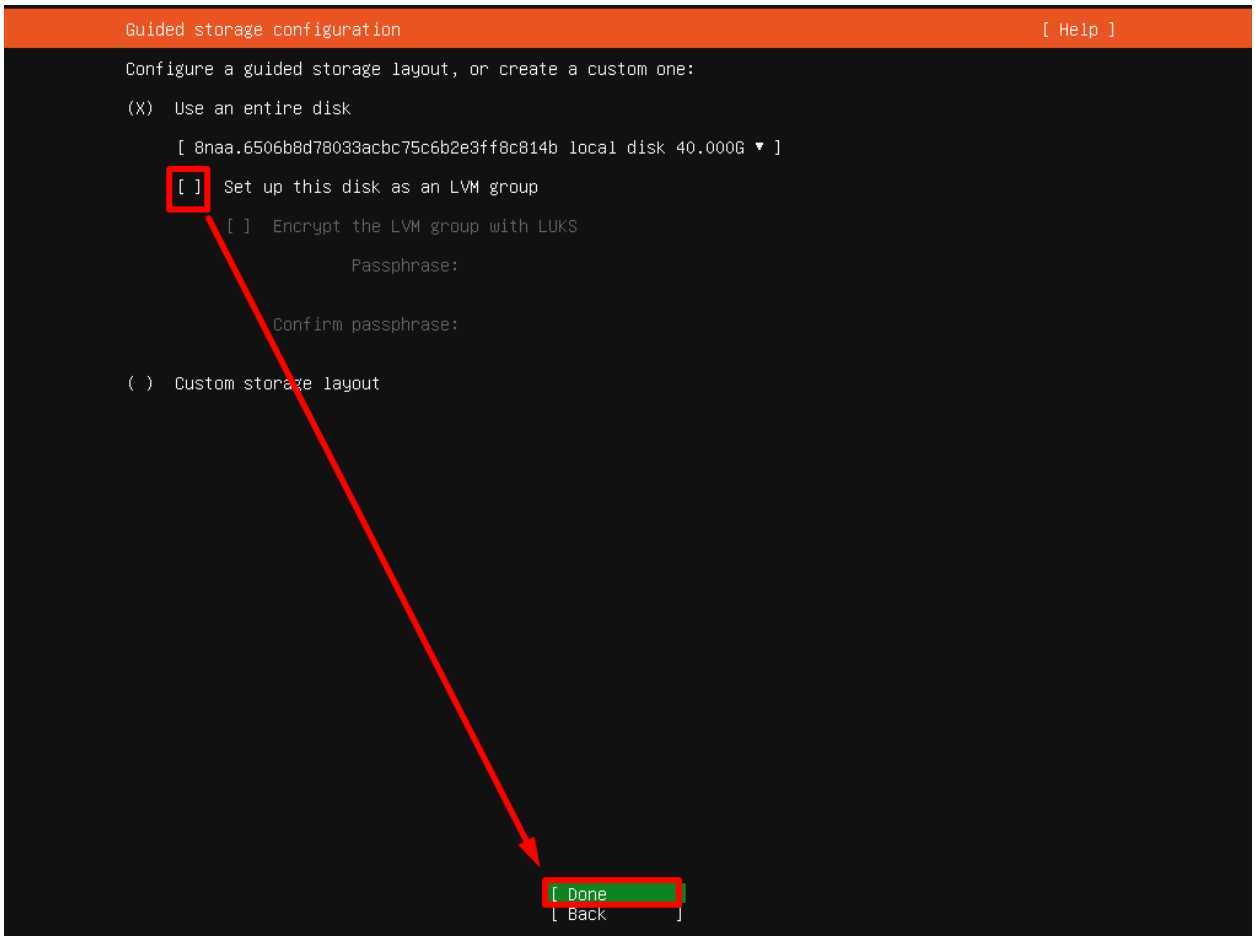
Ubuntu Installer - Proxy Server

6. Enter in your Archive Mirror address, if you have a preferred option. Choose "Done" when complete.



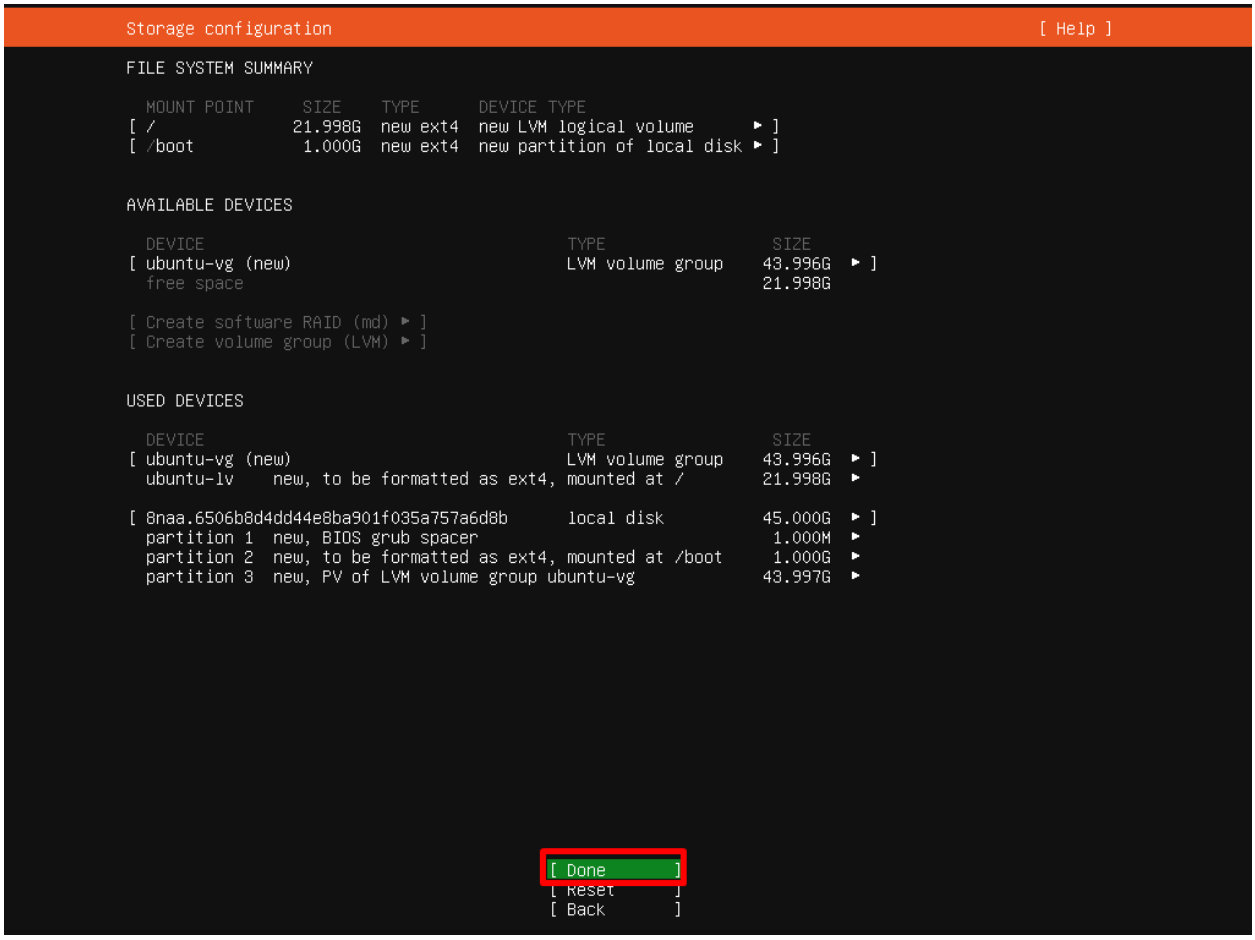
Ubuntu Installer - Archive Mirror

6. On the Guided storage configuration page, uncheck the Set up this disk as an LVM group option, then choose "Done".



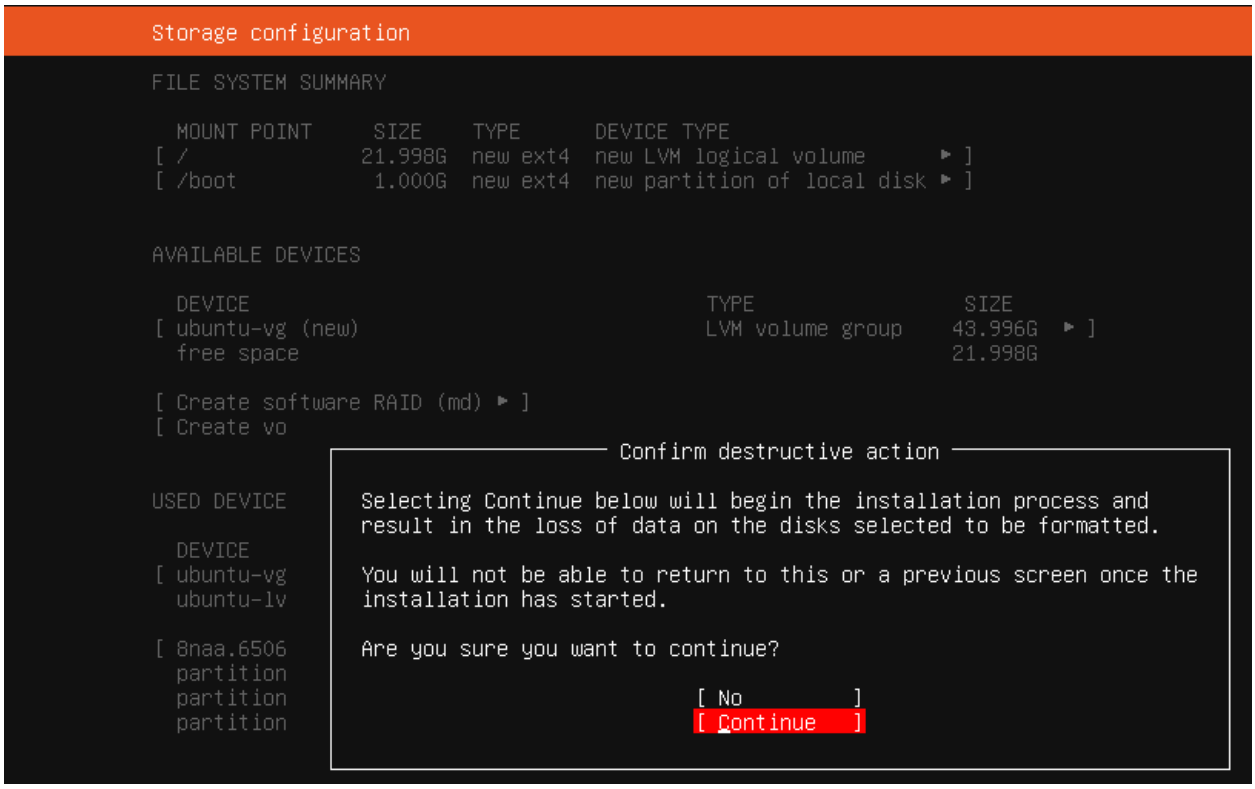
Ubuntu Installer - Guided Storage

7. On the Storage configuration page, choose "Done".



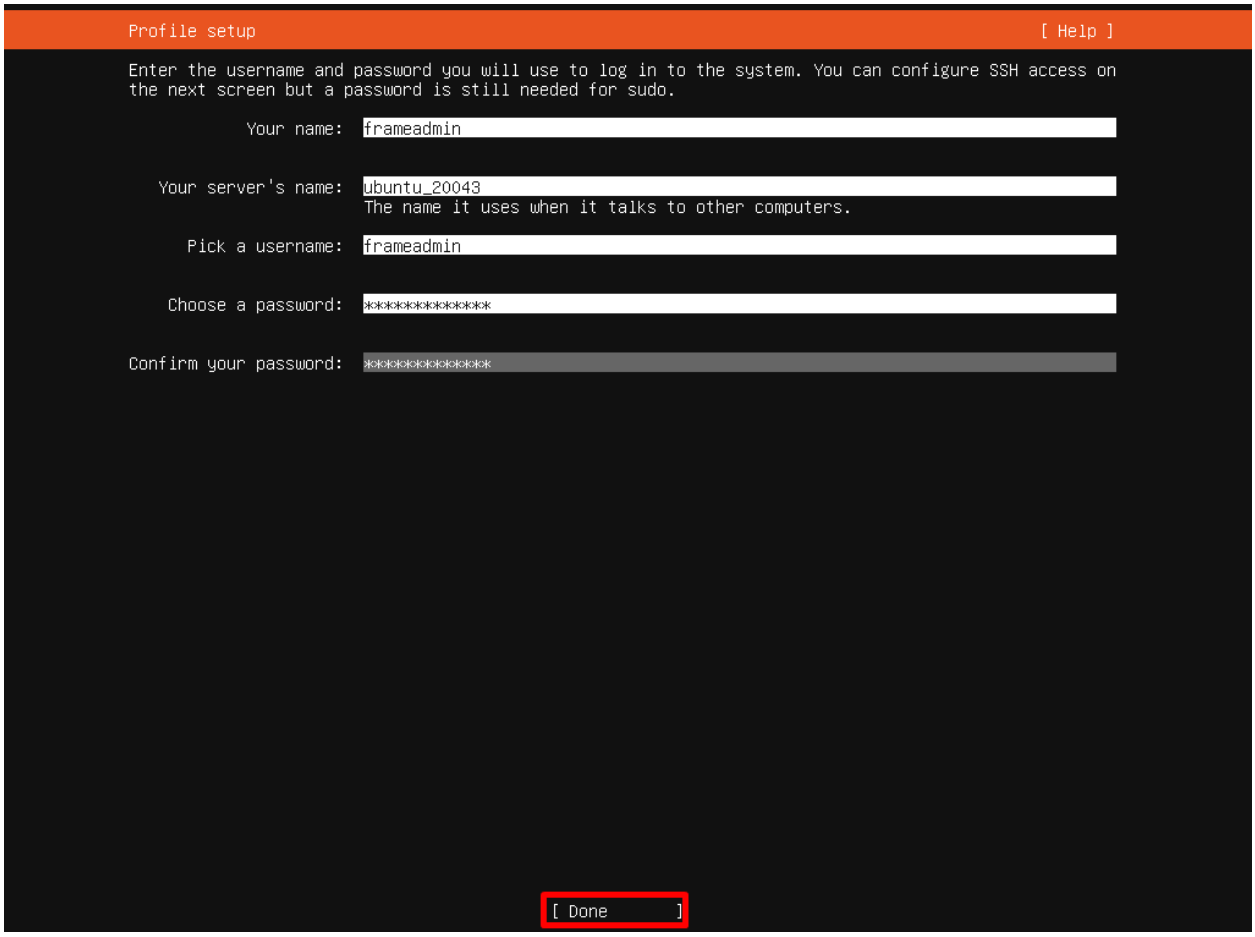
Ubuntu Installer - Storage Configuration

8. Confirm the “destructive action” (wiping/formatting the hard disk).



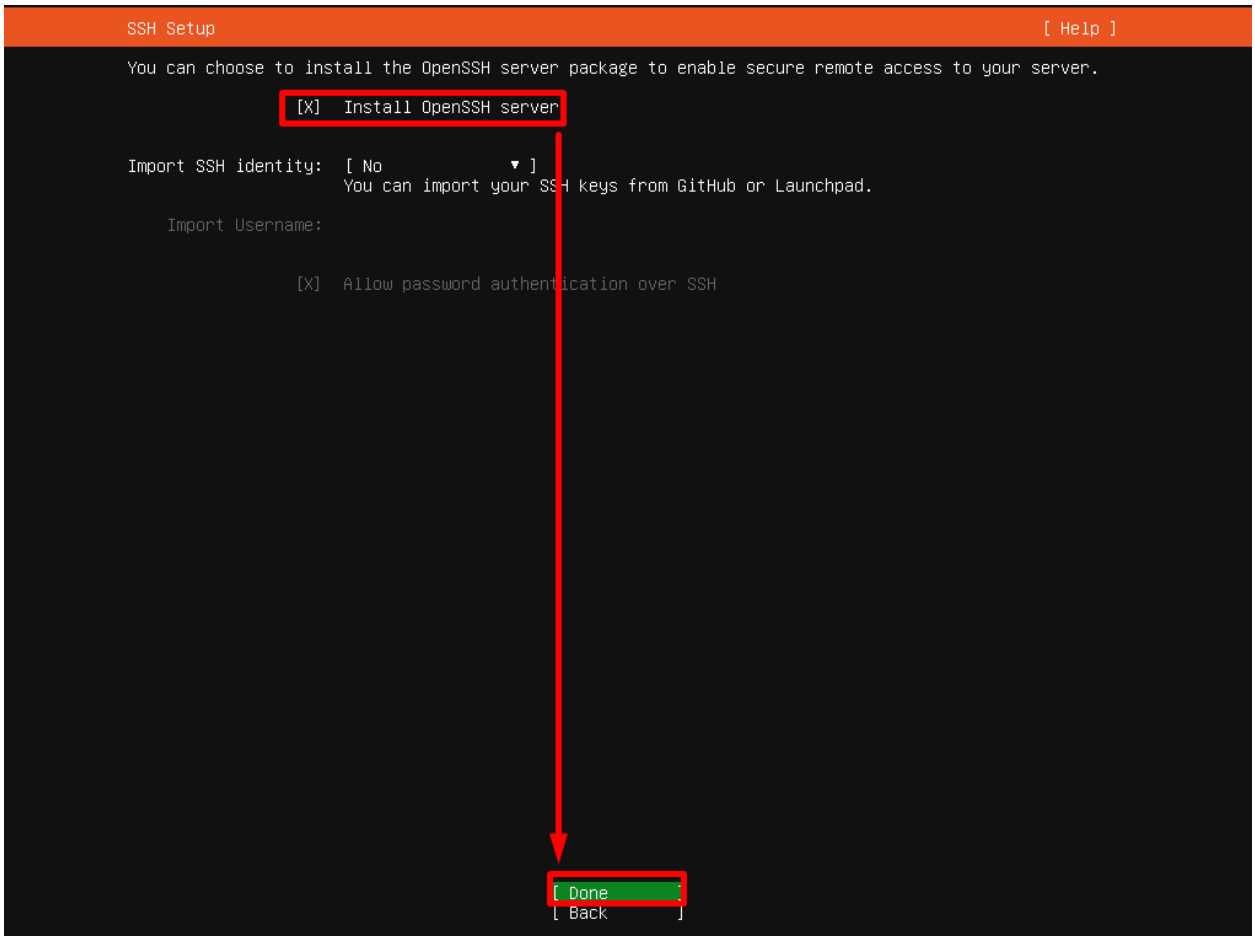
Ubuntu Installer - Confirm Disk Formatting

9. Provide computer/user information.



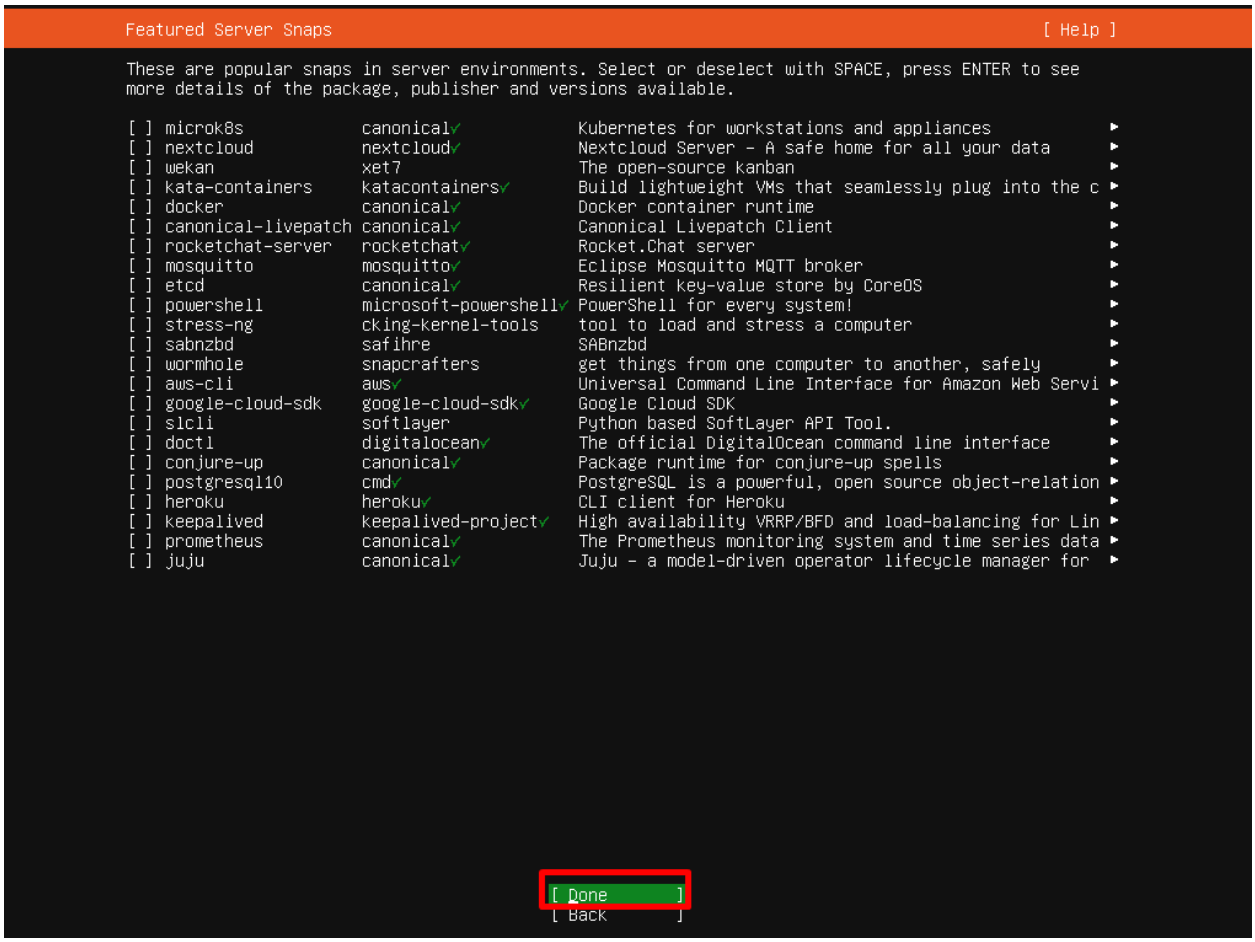
Ubuntu Installer - Profile Setup

1. Install OpenSSH server.



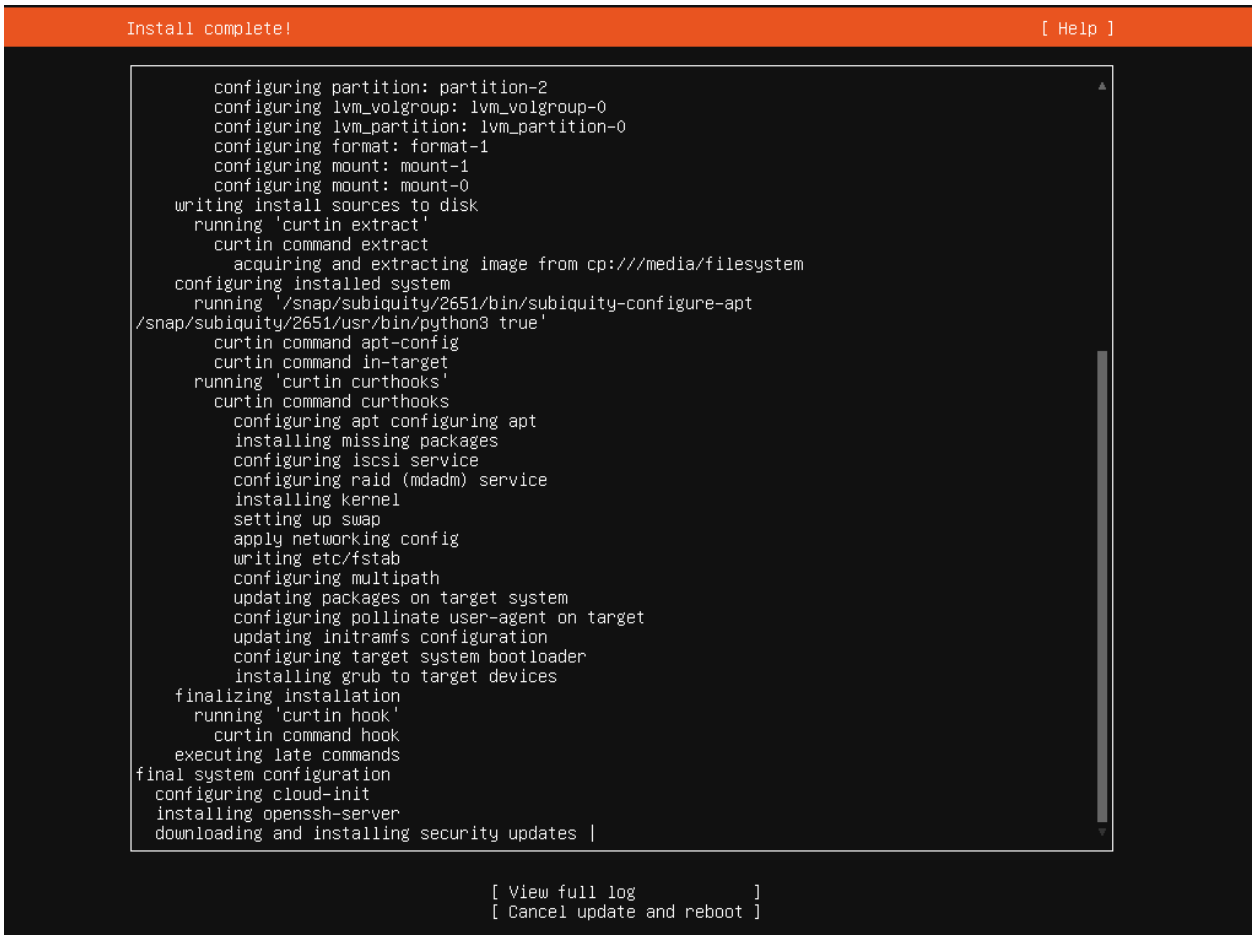
Ubuntu Installer - OpenSSH

11. Do not install any add-ons.



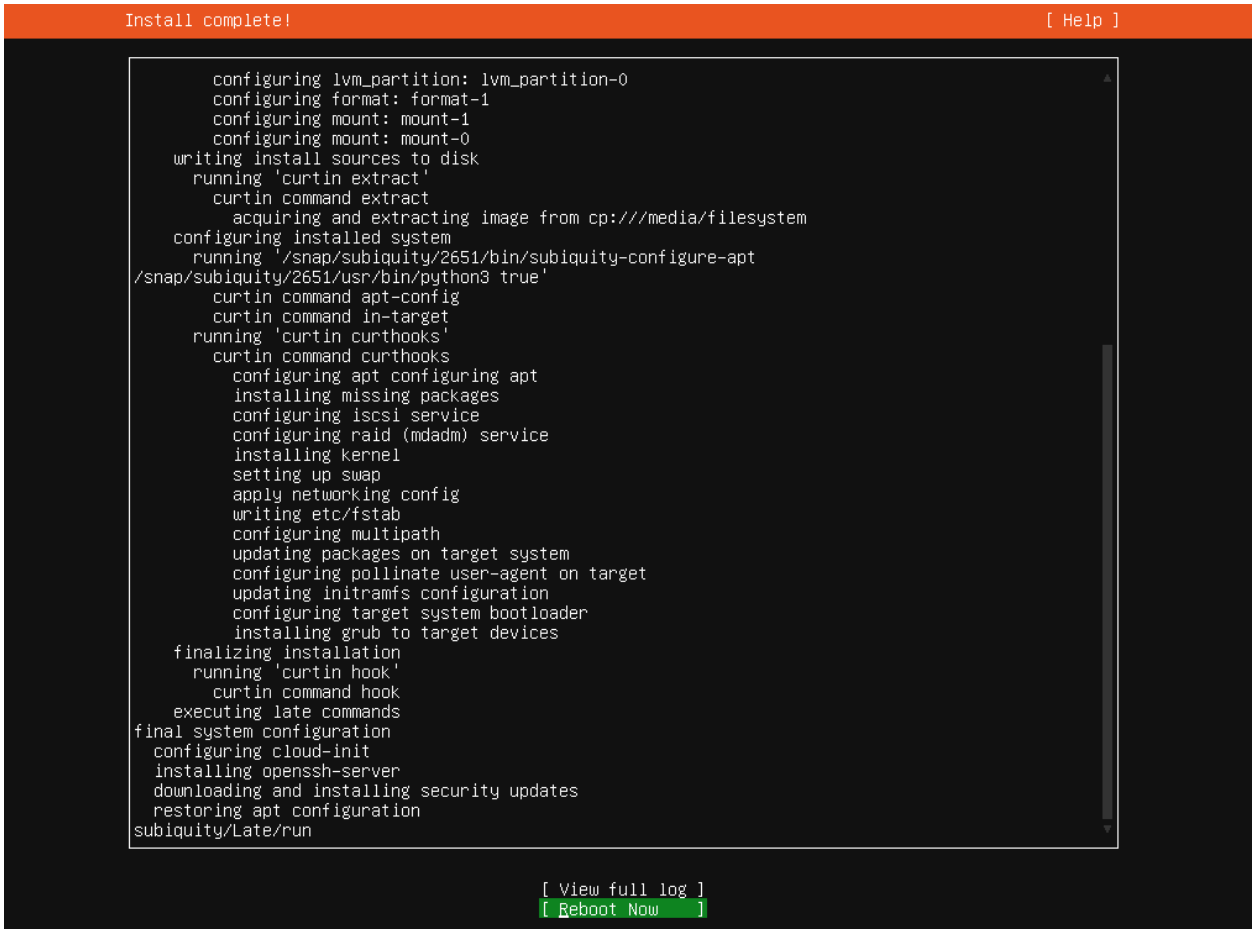
Ubuntu Installer - No Add-Ons

12. The installation will now begin.
13. When prompted, let the security updates install.



Ubuntu Installer - Install Complete

14. Reboot when prompted.

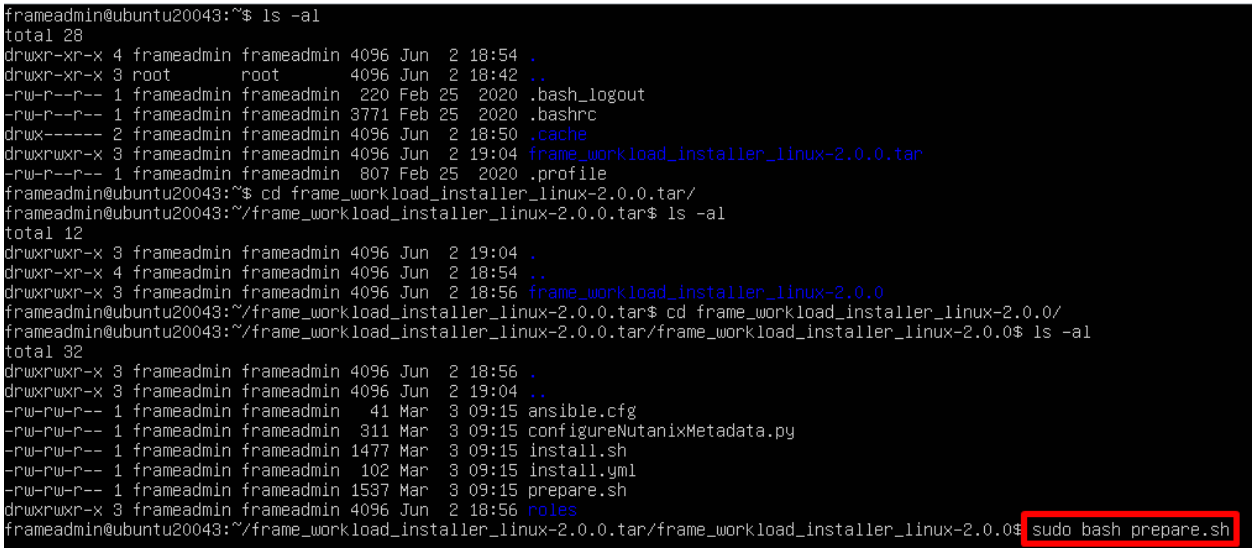


Ubuntu Installer - Reboot

15. If prompted, press Enter to eject Ubuntu installation media.

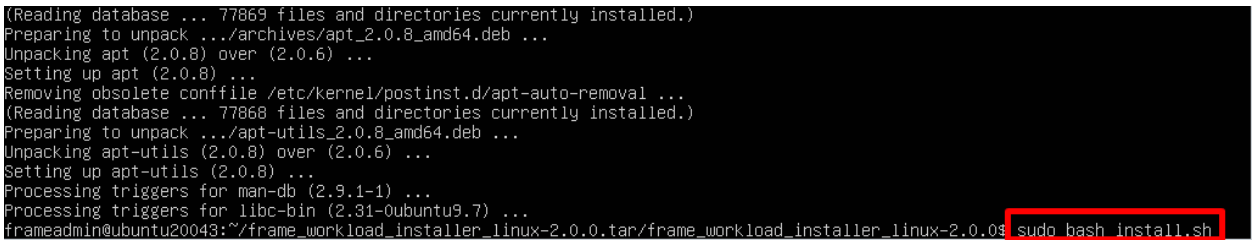
Install Frame Guest Agent

1. Download the Frame Workload Installer (Linux) to your local machine (or within the template VM) from the Downloads page.
2. Unzip the Frame Workload Installer.
3. Untar the Frame Workload Installer tar file.
4. If you need to upload the Frame Workload Installer, use `winscp` to transfer the Frame Workload Installer file folder (frame_workload_installer_linux-2.0.0 folder) to the template VM. This assumes you have installed and enabled OpenSSH in your Ubuntu VM.
5. Login to the Linux VM using account specified during installation of the operating system. In the Linux VM, `ls -al` to verify the `frame_workload_installer_linux-2.0.0` folder exists. Change directory to the folder.
6. Run `sudo bash prepare.sh`. Elevate if prompted.



Frame Guest Agent Workload Installer - prepare.sh

7. Upon completion, run `sudo bash install.sh`.



Frame Guest Agent Workload Installer - install.sh

8. Upon completion, shut down the VM.

Tag Template

You will now need to tag the template VM, image, or snapshot (depending on the infrastructure) in order for Frame control plane to be able to recognize this template image. This process is exactly the same as what is required for tagging Windows template images.

Instructions for performing tagging, by infrastructure are at:

- AHV
- AWS
- Azure
- GCP
- IBM

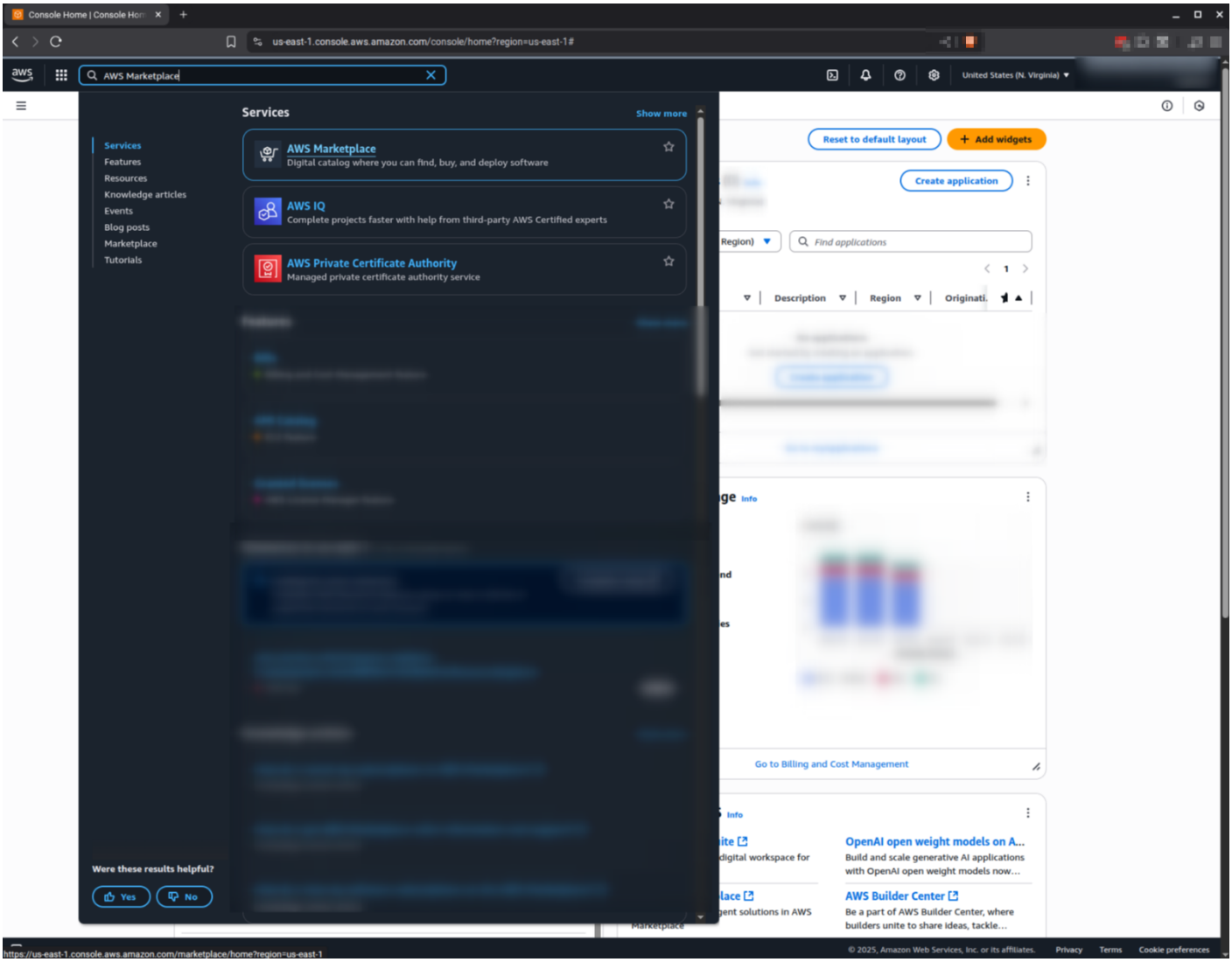
Register Template Image

Once you have successfully created and tagged your template image(s) in your infrastructure, you will register your template image.

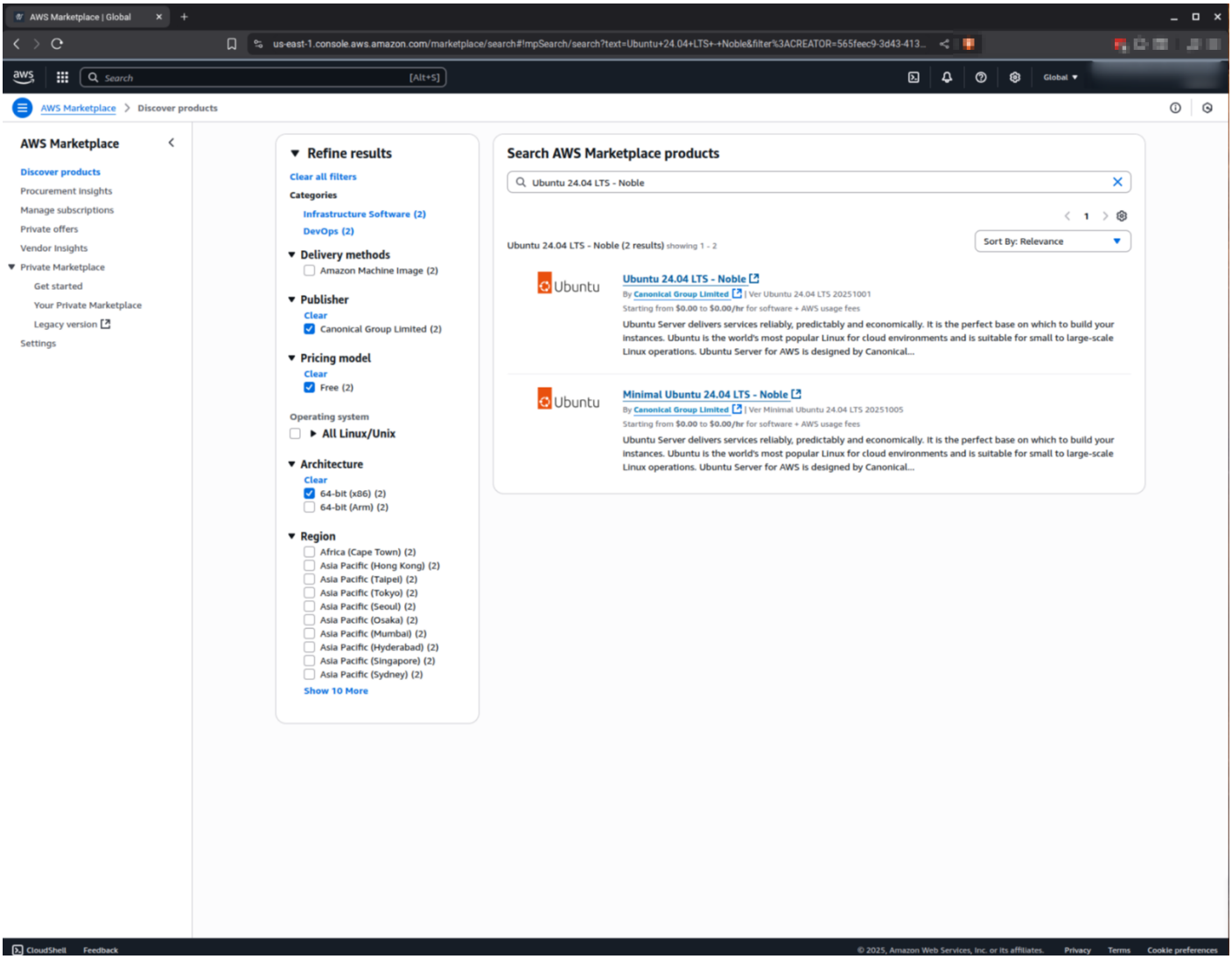
AWS Marketplace

If you want to use Ubuntu 24.04 from AWS Marketplace you must accept the terms of AWS Marketplace Ubuntu Image

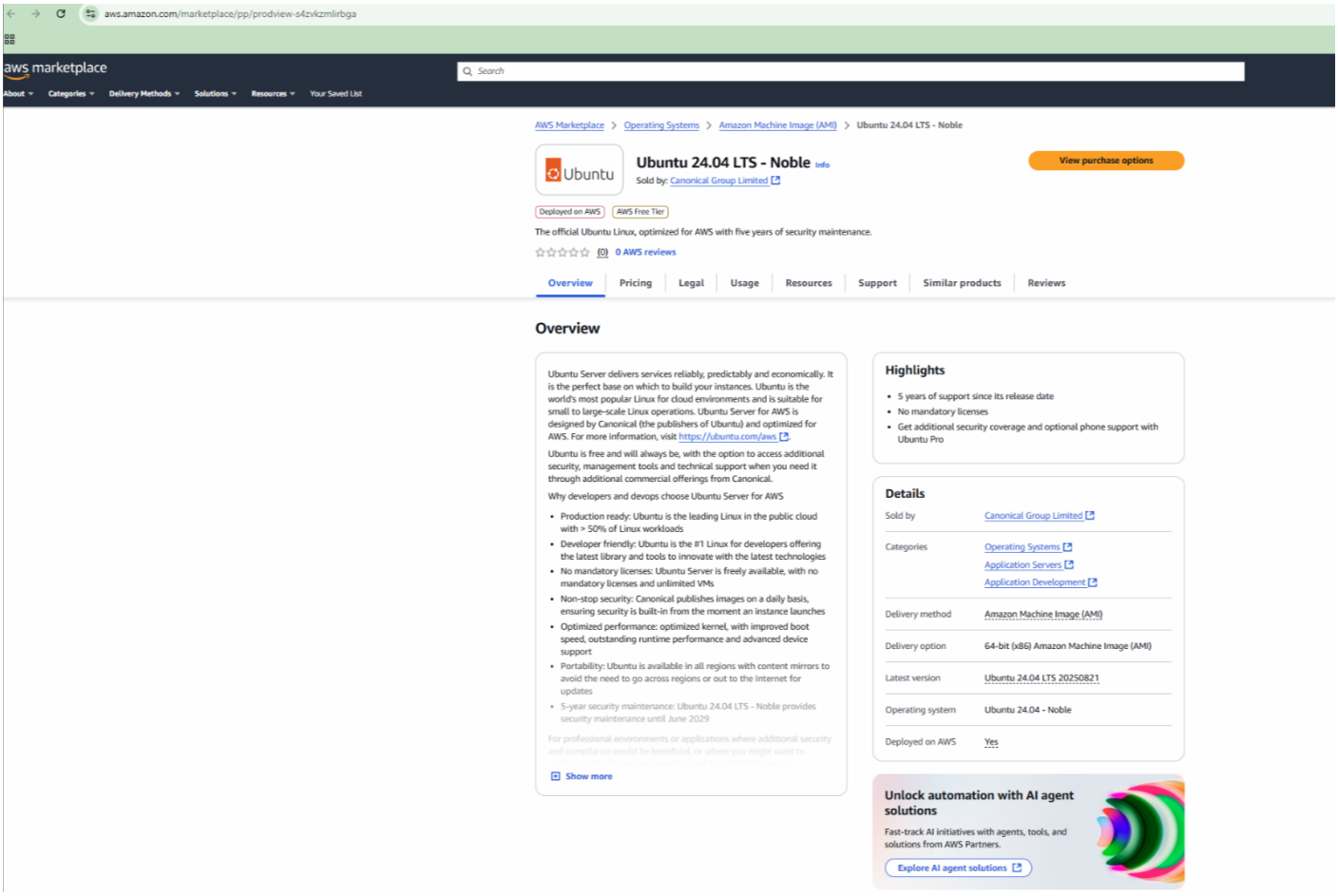
1. Go to the **AWS Marketplace**

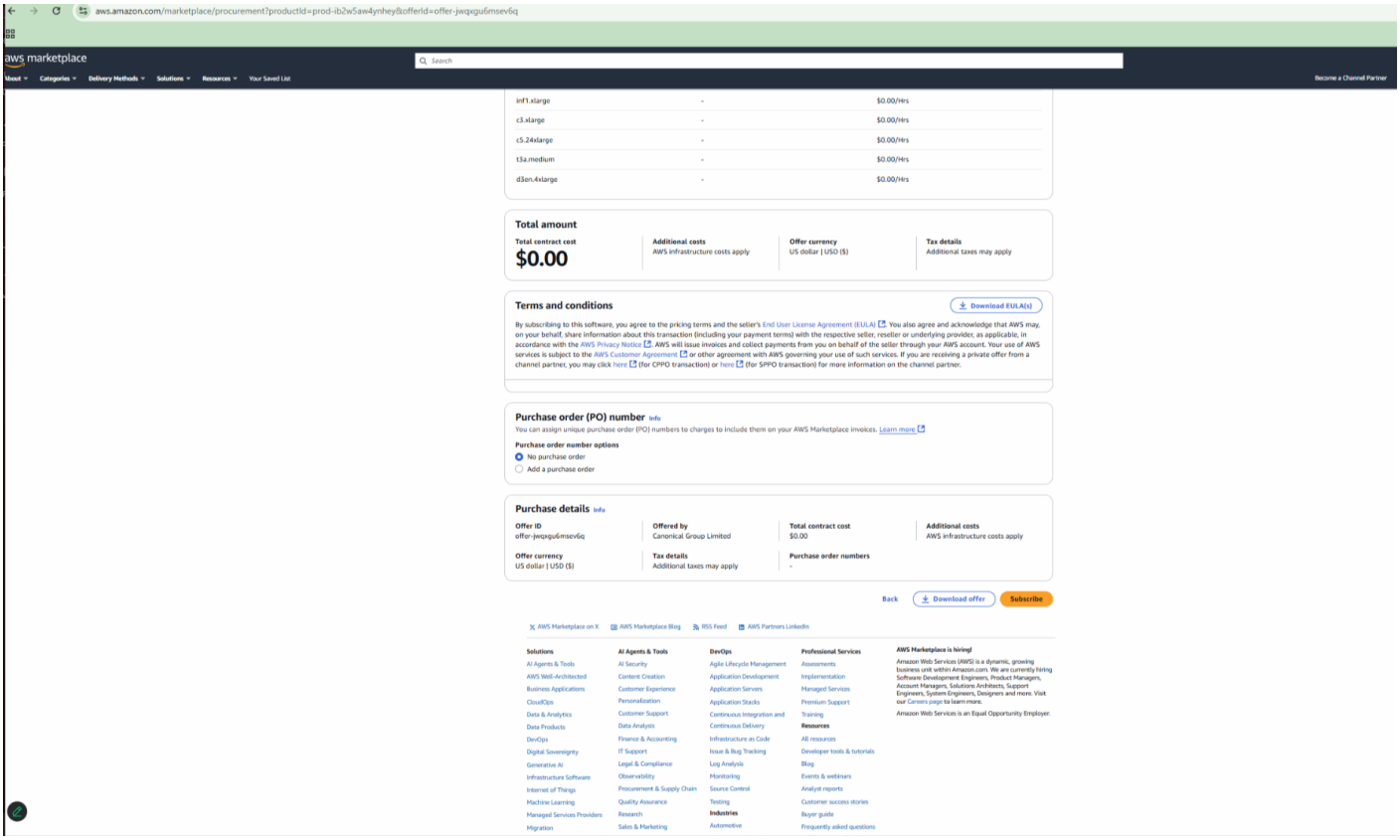


2. Go to "**Discover products**" and search for the <Ubuntu version> (current supported version is 24.04)



3. Select the image you want to use, scroll down to the end of the page and click on **Subscribe**


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AWS Marketplace > Operating Systems > Amazon Machine Image (AMI) > Ubuntu 24.04 LTS - Noble
Ubuntu 24.04 LTS - Noble Info
Sold by: Canonical Group Limited
View purchase options
Deployed on AWS
AWS Free Tier
The official Ubuntu Linux, optimized for AWS with five years of security maintenance.
(0) 0 AWS reviews
Overview
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Overview
Ubuntu Server delivers services reliably, predictably and economically. It is the perfect base on which to build your instances. Ubuntu is the world's most popular Linux for cloud environments and is suitable for small to large-scale Linux operations. Ubuntu Server for AWS is designed by Canonical (the publishers of Ubuntu) and optimized for AWS. For more information, visit https://ubuntu.com/aws.
Ubuntu is free and will always be, with the option to access additional security, management tools and technical support when you need it through additional commercial offerings from Canonical.
Why developers and devops choose Ubuntu Server for AWS
Production ready: Ubuntu is the leading Linux in the public cloud with > 50% of Linux workloads
Developer friendly: Ubuntu is the #1 Linux for developers offering the latest library and tools to innovate with the latest technologies
No mandatory licenses: Ubuntu Server is freely available, with no mandatory licenses and unlimited VMs
Non-stop security: Canonical publishes images on a daily basis, ensuring security is built-in from the moment an instance launches
Optimized performance: optimized kernel, with improved boot speed, outstanding runtime performance and advanced device support
Portability: Ubuntu is available in all regions with content mirrors to avoid the need to go across regions or out to the Internet for updates
5-year security maintenance: Ubuntu 24.04 LTS - Noble provides security maintenance until June 2029
For professional environments or applications where additional security and compliance would be beneficial, or where you might want to
Show more
Highlights
5 years of support since its release date
No mandatory licenses
Get additional security coverage and optional phone support with Ubuntu Pro
Details
Sold by Canonical Group Limited
Categories Operating Systems, Application Servers, Application Development
Delivery method Amazon Machine Image (AMI)
Delivery option 64-bit (x86) Amazon Machine Image (AMI)
Latest version Ubuntu 24.04 LTS 20250821
Operating system Ubuntu 24.04 - Noble
Deployed on AWS Yes
Unlock automation with AI agent solutions
Fast-track AI initiatives with agents, tools, and solutions from AWS Partners.
Explore AI agent solutions


aws.amazon.com/marketplace/procurement?productId=prod-ib2w5aw4ynhey&offerId=offer-jwqxgu6msev6q
aws marketplace
Search
Become a Channel Partner
inf1.xlarge - $0.00/Hrs
c3.xlarge - $0.00/Hrs
c5.24xlarge - $0.00/Hrs
t3a.medium - $0.00/Hrs
d3en.4xlarge - $0.00/Hrs
Total amount
Total contract cost
$0.00
Additional costs
AWS infrastructure costs apply
Offer currency
US dollar | USD ($)
Tax details
Additional taxes may apply
Terms and conditions
Download EULA(s)
By subscribing to this software, you agree to the pricing terms and the seller's End User License Agreement (EULA). You also agree and acknowledge that AWS may, on your behalf, share information about this transaction (including your payment terms) with the respective seller, reseller or underlying provider, as applicable, in accordance with the AWS Privacy Notice. AWS will issue invoices and collect payments from you on behalf of the seller through your AWS account. Your use of AWS services is subject to the AWS Customer Agreement or other agreement with AWS governing your use of such services. If you are receiving a private offer from a channel partner, you may click here (for CPPO transaction) or here (for SPPO transaction) for more information on the channel partner.
Purchase order (PO) number Info
You can assign unique purchase order (PO) numbers to charges to include them on your AWS Marketplace invoices. Learn more
Purchase order number options
No purchase order
Add a purchase order
Purchase details Info
Offer ID
offer-jwqxgu6msev6q
Offered by
Canonical Group Limited
Total contract cost
$0.00
Additional costs
AWS infrastructure costs apply
Offer currency
US dollar | USD ($)
Tax details
Additional taxes may apply
Purchase order numbers
-
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Internet of Things
Machine Learning
Managed Services Providers
Migration
AI Agents & Tools
AI Security
Content Creation
Customer Experience
Personalization
Customer Support
Data Analysis
Finance & Accounting
IT Support
Legal & Compliance
Observability
Procurement & Supply Chain
Quality Assurance
Research
Sales & Marketing
DevOps
Agile Lifecycle Management
Application Development
Application Servers
Application Stacks
Continuous Integration and
Continuous Delivery
Infrastructure as Code
Issue & Bug Tracking
Log Analysis
Monitoring
Source Control
Testing
Industries
Automotive
Professional Services
Assessments
Implementation
Managed Services
Premium Support
Training
Resources
All resources
Developer tools & tutorials
Blog
Events & webinars
Analyst reports
Customer success stories
Buyer guide
Frequently asked questions
AWS Marketplace is hiring!
Amazon Web Services (AWS) is a dynamic, growing business unit within Amazon.com. We are currently hiring Software Development Engineers, Product Managers, Account Managers, Solutions Architects, Support Engineers, System Engineers, Designers and more. Visit our Careers page to learn more.
Amazon Web Services is an Equal Opportunity Employer.

That's it, you are set to use the image from AWS Marketplace

Revision #12
Created 1 October 2025 04:48:28
Updated 13 January 2026 09:19:44 by Nikola Savic