

Project 1: 01-Azure Compute and Identity Management

Overview

In this project, I deployed and configured Azure Virtual Machines (VMs) and implemented identity and security best practices.

The goal was to manage compute resources efficiently and ensure proper identity management using Azure services.

Objectives

- Deploy a Virtual Machine (VM) in Azure.
 - Configure SSH key authentication for secure access.
 - Open necessary network ports.
 - Connect to the VM securely.
 - Install and configure basic services (e.g., NGINX).
 - Demonstrate best practices in identity and security management.
-

Project Tasks

Task 1: Deploy Azure VM

- Create a new Resource Group.
- Deploy a Linux VM using Azure CLI.
- Specify SSH authentication and VM size.

Task 2: Configure Networking

- Open port 22 for SSH access.
- Open port 80 for web traffic.

Task 3: Set Up Entra ID (Azure Active Directory)

- Configure Azure Active Directory (AAD) tenant if needed.
- Create a user in Entra ID.
- Set up group membership if required.

Task 4: Assign Roles and RBAC (Role-Based Access Control)

- Assign RBAC roles to users or groups.
- Apply appropriate permissions to the VM or Resource Group (e.g., Virtual Machine Contributor role).

Task 5: Connect to the VM

- Use SSH to connect to the public IP address of the VM.

Task 6: Install Web Server

- Install NGINX web server on the VM.
- Verify installation through browser access.

Steps

1. Create a Virtual Machine

- Go to Azure Portal > Virtual Machines > Create.
- Select subscription, resource group, region, VM size, and OS (Windows/Linux).
- Configure an admin username/password or SSH key.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal. The top navigation bar includes 'Microsoft Azure', a search bar, 'Copilot', and user information for 'burnett.dontae3@gmail.. DEFAULT DIRECTORY'. The main page title is 'Create a virtual machine'. Below it, there are three help buttons: 'Help me create a low cost VM', 'Help me create a VM optimized for high availability', and 'Help me choose the right VM size for my workload'. A note states: 'This subscription may not be eligible to deploy VMs of certain sizes in certain regions.' The 'Project details' section allows selecting a subscription ('Azure for Students') and a resource group ('(New) Resource group' or 'Create new'). The 'Instance details' section includes fields for 'Virtual machine name' (empty), 'Region' ('(Asia Pacific) Australia East'), 'Availability options' ('Availability zone'), 'Zone options' (radio buttons for 'Self-selected zone' and 'Azure-selected zone (Preview)'), and 'Availability zone' ('Zone 1'). A note says: 'You can now select multiple zones. Selecting multiple zones will create one VM per zone.' The 'Security type' dropdown is set to 'Trusted launch virtual machines'. The 'Image' dropdown shows 'Ubuntu Server 24.04 LTS - x64 Gen2'. Under 'VM architecture', 'x64' is selected. The 'Run with Azure Spot discount' checkbox is unchecked. The 'Size' dropdown is set to 'Standard_D2s_v3 - 2 vcpus, 8 GiB memory (\$91.25/month)'. The 'Enable Hibernation' checkbox is unchecked. At the bottom, there are buttons for '< Previous' and 'Next : Disks >', a 'Review + create' button, and a 'Give feedback' link.

machines for Linux images. [Learn more](#)

Administrator account

Authentication type [?](#)

SSH public key

Password

Info Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username [*](#) [?](#)

azureuser



SSH public key source

Generate new key pair



SSH Key Type

RSA SSH Format

Ed25519 SSH Format

Info Ed25519 provides a fixed security level of no more than 128 bits for 256-bit key, while RSA could offer better security with keys longer than 3072 bits.

Key pair name [*](#)

AzureVM1



Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports [*](#) [?](#)

None

Allow selected ports

Select inbound ports [*](#)

SSH (22)



Warning This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

< Previous

Next : Disks >

Review + create

Give feedback

- Add a **data disk** during creation.
 - Create a new disk > None.
 - If you select Storage Blob, this allows you to reuse disks from outside Azure or custom configurations you uploaded.

The configuration of this virtual machine and its attached disk(s) may not allow for the disk(s) to utilize their full throughput performance. The current virtual machine size supports 48 MBps. The total for disk(s) attached to virtual machine 'TestVM' is 225 MBps. You can change the virtual machine size to support additional disk(s) throughput. [Learn more](#)

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

VM disk encryption
Azure disk storage encryption automatically encrypts your data stored on Azure managed disks (OS and data disks) at rest by default when persisting it to the cloud.

Encryption at host
 Encryption at host is not registered for the selected subscription. [Learn more](#)

OS disk

OS disk size <input type="button" value="..."/>	Image default (30 GiB)
OS disk type * <input type="button" value="..."/>	Premium SSD (locally-redundant storage)
Delete with VM <input checked="" type="checkbox"/>	
Key management <input type="button" value="..."/>	Platform managed key
Enable Ultra Disk compatibility <input type="checkbox"/>	

Data disks for TestVM
You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM
0	TestVM_DataDisk_0	1024	Premium SSD LRS	Read-only	<input checked="" type="checkbox"/>

[Create and attach a new disk](#) [Attach an existing disk](#)

[Advanced](#)

< Previous || Next: Networking > [Review + create](#) [Give feedback](#)

- Configure **Networking**:
 - Assign a static private IP via the **Advanced Networking** section.
 - Use a **Network Security Group (NSG)** to allow or block traffic.
 - **None**: Use if you're managing the NIC setup manually or attaching an existing NIC.
 - **Basic**: Use for quick and simple deployments, such as test environments or small-scale applications.
 - **Advanced**: Use when you need fine-grained control, such as for production workloads or VMs requiring custom network setups.

Microsoft Azure Search resources, services, and docs (G+/) Copilot Home > Create a virtual machine ... burnett.dontae3@gmail... DEFAULT DIRECTORY

Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution.
[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network *

Subnet *

Public IP

NIC network security group None Basic Advanced

Public inbound ports * None Allow selected ports

Select inbound ports *

Delete public IP and NIC when VM is deleted

Enable accelerated networking

Load balancing

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Load balancing options None Azure load balancer Supports all TCP/UDP network traffic, port-forwarding, and outbound flows. Application gateway Web traffic load balancer for HTTP/HTTPS with URL-based routing, SSL termination, session persistence, and web application firewall.

< Previous Next : Management > Review + create Give feedback

Review and create the VM.

Microsoft Azure Search resources, services, and docs (G+) Copilot Home > CreateVm-canonical.ubuntu-24_04-lts-server-20250426133648 | Overview ...

 Deployment

Search X << Delete Cancel Redeploy Download Refresh

 **Overview**

 Inputs

 Outputs

 Template

 Your deployment is complete

 Deployment name: CreateVm-canonical.ubuntu-24_04-lt... Start time: 4/26/2025, 1:50:26 PM
Subscription: Azure for Students Correlation ID: 23abc590-5d14-4770-af7f-60
Resource group: TestVM_group

 Deployment details

 Next steps

Setup auto-shutdown Recommended
Monitor VM health, performance and network dependencies Recommended
Run a script inside the virtual machine Recommended

Go to resource Create another VM

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2. Configure Role-Based Access Control (RBAC)

- Now create a key vault and store the private key, note you'll need to assign yourself the permissions (least privilege principle)
 - Go to key vault > Create > in same resource group > same region (must) > review and create.

Basics Access configuration Networking Tags Review + create

Azure Key Vault is a cloud service used to manage keys, secrets, and certificates. Key Vault eliminates the need for developers to store security information in their code. It allows you to centralize the storage of your application secrets which greatly reduces the chances that secrets may be leaked. Key Vault also allows you to securely store secrets and keys backed by Hardware Security Modules or HSMs. The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated. In addition, key vault provides logs of all access and usage attempts of your secrets so you have a complete audit trail for compliance.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

Resource group * TestVM_group [Create new](#)

Instance details

Key vault name * DBtestkey

Region * East US

Pricing tier * Standard

Recovery options

Soft delete protection will automatically be enabled on this key vault. This feature allows you to recover or permanently delete a key vault and secrets for the duration of the retention period. This protection applies to the key vault and the secrets stored within the key vault.

To enforce a mandatory retention period and prevent the permanent deletion of key vaults or secrets prior to the retention period elapsing, you can turn on purge protection. When purge protection is enabled, secrets cannot be purged by users or by Microsoft.

Soft-delete ⓘ Enabled

Days to retain deleted vaults * ⓘ 90

Purge protection ⓘ

Disable purge protection (allow key vault and objects to be purged during retention period)

Enable purge protection (enforce a mandatory retention period for deleted vaults and vault objects)

[Previous](#) [Next](#) [Review + create](#) [Give feedback](#)

- Go to entra > create group > select yourself as owner and member
- Go to key vault > IAM > add role assignment > key vault admin > users > select your new group > review and assign (can take a while to propagate)
 - **Sign out and sign back in** to Azure Portal to refresh your token.
 - Or just assign it to yourself.
- Go to key vault > objects > keys > generate/import > import > upload key file

The screenshot shows the 'Create a key' page in the Microsoft Azure portal. The URL in the address bar is [https://portal.azure.com/#blade/HubsBlade/resourceType=Microsoft.KeyVault/vaults/D8testkey/operations/keys/action](#). The page title is 'Create a key'. The main form fields are:

- Options**: Import dropdown set to 'Import', file input field containing 'AzureVM1.pem'.
- Name ***: Input field containing 'testkey'.
- Key type**: Radio button selected for 'RSA'.
- Set activation date**: Two empty date input fields.
- Set expiration date**: Two empty date input fields.
- Enabled**: A toggle switch set to 'Yes'.
- Confidential Key Options**:
 - Exportable**: An unchecked checkbox.
 - Immutable**: An unchecked checkbox.
- Confidential operation policy**: A dropdown menu.

At the bottom of the form are two buttons: 'Create' (highlighted in blue) and 'Cancel'.

- Navigate to the VM > Access Control (IAM) > Add Role Assignment.
- Assign the "Virtual Machine Contributor" or a custom role to a user or group.
- Verify permissions:
 - Go to Entra > Manage > Groups > All groups > your group name

The screenshot shows the Microsoft Azure portal interface for adding a role assignment. The top navigation bar includes 'Microsoft Azure', a search bar, 'Copilot', and user information. The main title is 'Add role assignment' for 'TestVM | Access control (IAM)'. The 'Members' tab is active, showing a table with one row:

Name	Object ID	Type
TestVmGroup	c32a7846-a302-4845-b1ed-eb0f14b6d8...	Group

Below the table is a 'Description' field labeled 'Optional'.

At the bottom of the page are navigation buttons: 'Review + assign' (highlighted in blue), 'Previous', 'Next', and 'Feedback'.

Microsoft Azure Search resources, services, and docs (G+) Copilot Home > Default Directory | Overview

Overview Add Manage tenants What's new Preview features Got feedback? Microsoft Entra has a simpler, integrated experience for managing all your Identity and Access Management needs. Try the new Microsoft Entra admin center.

Overview Monitoring Properties Recommendations Setup guides Search your tenant

Basic information

Name	Default Directory	Users	1
Tenant ID	33585049-cbd4-46f2-901c-80f8165e0ec6	Groups	1
Primary domain	burnettdontae3@gmail.onmicrosoft.com	Applications	0
License	Microsoft Entra ID Free	Devices	0

Alerts

MSOnline PowerShell Retirement Please migrate from any use of MSOnline PowerShell. This module is deprecated and will retire in April 2025. Temporary outages for MSOnline PowerShell will occur between January and March 2025. Learn more

Migrate to the converged Authentication methods policy Please migrate your authentication methods off the legacy MFA and SSPR policies by September 2025 to avoid any service impact. Learn more

My feed

Try Microsoft Entra admin center Secure your identity environment with Microsoft Entra ID, permissions management and more. Go to Microsoft Entra

Dontae Burnett 02add42d-f6ce-4e72-a6db-b748d451b50d Global Administrator View role information View profile

Secure Score for Identity **42.11%** Secure score updates can take up to 48 hours. View secure score

Microsoft Entra Connect Not enabled Sync has never run Go to Microsoft Entra Connect

Feature highlights

Add or remove favorites by pressing **Ctrl + Shift + F**

Identity Protection View risky users, workload identities, and risky access reviews

Access reviews Make sure only the right people have continued

3. Log into the VM

- Go to VM > your vm > connect > SSH using Azure CLI > Configure
- On the new CLI that pops up, run

```
az network public-ip list
```

- Test IP in the browser to see that it's only accessible via SSH not HTTPS due to NSG

The screenshot shows the Microsoft Azure portal interface. On the left, the navigation menu includes 'Overview', 'Activity log', 'Access control (IAM)', 'Tags', 'Diagnose and solve problems', 'Resource visualizer', 'Connect', 'Bastion', 'Networking', 'Network settings', 'Load balancing', 'Application security groups', 'Network manager', 'Settings', 'Availability + scale', 'Security', 'Backup + disaster recovery', 'Operations', 'Monitoring', 'Automation', 'Help', 'Resource health', and 'Boot diagnostics'. The 'Connect' option is currently selected.

In the center, the 'TestVM | Connect' blade is displayed. It shows a summary card with 'Connecting using Public IP address | 74.235.200.215'. Below this, there are fields for 'Admin username' (set to 'azureuser'), 'Port (change)' (set to '22'), and 'Just-in-time policy' (set to 'Unsupported by plan').

A 'Recommended' section lists 'SSH using Azure CLI' and 'Local machine'. The 'SSH using Azure CLI' option is highlighted with a blue border. A modal window titled 'SSH using Azure CLI' is overlaid on the page, providing instructions for configuration:

- Configure prerequisites for SSH using Azure CLI**

Azure needs to configure some features in order to connect to the VM.

- Prerequisites configured** (checkmark)
- System assigned managed identity** (checkmark)
- Microsoft Entra ID SSH Login Extension** (checkmark)
- Virtual machine user or administrator login** (checkmark)
- Port 22 access** (checkmark)
- Public IP address: 74.235.200.215** (checkmark)
- I understand just-in-time policy on the virtual machine may be re-configured to allow any source IP to request just-in-time access to port 22.** (checkbox checked)

At the bottom of the portal, a Cloud Shell terminal window is open, showing the command:

```
az ssh vm --resource-group TestVM_group --vm-name TestVM --subscription 35f1b933-8211-4445-a7ed-34469ab9e448
```

4. Apply Azure Policy

- Navigate to Azure Policy > Authoring > Definitions > Initiative definition > Name > Category > Next
- Add policy definition(s) > Search tag > Select a few “Inherit a tag from resource group...” and “Inherit a tag from subscription_name” > Search allow > Select Allowed > Select “Allowed resource types” > Review + Create > Next
- - Create group > Tags > Save > Previous > Select tag policies > Add to a group > Select Tags > Save
- - Select Initiative parameters > Create initiative parameter > Name > DisplayName > Allowed Values > Save

Microsoft Azure Search resources, services, and docs (G+) Copilot Copilot Home > Policy | Definitions >

Testinitiative ... Successfully saved initiative definition X

Initiative Definition Successfully saved 'Testinitiative' in '35f1b933-8211-4445-a7ed-34469ab9e448'.

Assign initiative Edit initiative Duplicate definition Delete initiative

Essentials

Name	: Testinitiative	Definition location	: Azure for Students
Description	: Test definition set up	Definition ID	: /subscriptions/35f1b933-8211-4445-a7ed-34469ab9e448/provide...
Category	: test	Type	: Custom
Version	: --		

Policies (3) Groups (0) Parameters (1) JSON Assignments (0)

Filter by reference ID, policy name or ID... Type : All selected Evaluation type : All selected Version : 1.*.* Edit columns

Policy ↑	Version (pre... ↑)	Reference ID ↑	Type ↑	Evaluat... ↑	Default effect ↑
Inherit a tag from the resource group	1.*.*	Inherit a tag from t...	Builtin	Automated	Modify
Inherit a tag from the subscription	1.*.*	Inherit a tag from t...	Builtin	Automated	Modify
Allowed resource types	1.*.*	Allowed resource t...	Builtin	Automated	Deny

Give feedback

- For Reference ID's Inherit a tag from resource group... and Inherit a tag from subscription_name select Value Type as Use Initiative Parameter and Value(s) as Name, Allowed resource types as “virtualMachines” > Review and create > Create
- Now assign the initiative to the subscription and test
 - Select subscription in basics > parameter in Parameters > Review + create > Create
 - To view policy and compliance: Go to VM > Operations > Policies.

The screenshot shows the Microsoft Azure Policy Definitions blade. At the top, there is a navigation bar with 'Home', 'Policy | Definitions', and a search bar. On the right, there is a message box stating 'Role Assignments creation succeeded' and 'All role assignments were created successfully.' Below the navigation bar, the page title is 'Testinitiative ...' and it says 'Initiative Definition'. There are four tabs at the top: 'Assign initiative', 'Edit initiative', 'Duplicate definition', and 'Delete initiative'. The 'Edit initiative' tab is selected. Under the 'Essentials' section, the following details are shown:

Name	: Testinitiative	Definition location	: Azure for Students
Description	: Test definition set up	Definition ID	: /subscriptions/35f1b933-8211-4445-a7ed-34469ab9e448/provide...
Category	: test	Type	: Custom
Version	: --		

Below this, there is a table titled 'Policies (3)' with columns: 'Policy', 'Version (pre...)', 'Reference ID', 'Type', 'Evaluat...', and 'Default effect'. The table contains three rows, each corresponding to a policy definition assigned to the initiative:

Policy	Version (pre...)	Reference ID	Type	Evaluat...	Default effect
/providers/Microsoft.Authorization/policyDefinitions/cd3aa116-8754-49c9-a813-ad46	1.*.*	Inherit a tag from t...			
/providers/Microsoft.Authorization/policyDefinitions/b27a0cbd-a167-4dfa-ae64-43371	1.*.*	Inherit a tag from t...			
/providers/Microsoft.Authorization/policyDefinitions/a08ec900-254a-4555-9bf5-e42af	1.*.*	Allowed resource t...			

At the bottom right of the table, there is a 'Edit columns' button. The bottom of the page has a 'Give feedback' link.

5. Monitor and Manage Costs

- - Navigate to **Cost Management + Billing** > **Billing scope** > Cost management > Budgets** > Add:
 - - Set a monthly spending limit for the subscription.
 - - Configure email or action group notifications for thresholds (e.g., 50%, 80%, 100%).
- - Review **Cost Analysis** to identify trends and optimize spending.
- - Review Advisor recommendations to see cost recommendations.

The screenshot shows the 'Create budget' wizard in the Microsoft Azure portal. The top navigation bar includes 'Microsoft Azure', 'Search resources, services, and docs (G+)', 'Copilot', and user information 'burnett.dontae3@gmail.com'. The main page title is 'Create budget' under the 'Budget' section. The wizard has several steps:

- Create a budget**: A step where users can 'Create a budget' or 'Set alerts'. It includes a note: 'Create a budget and set alerts to help you monitor your costs.'
- Budget scoping**: A step where users can define the budget's scope, currently set to 'Dontae Burnett'. There is also an 'Add filter' button.
- Budget Details**: A step where users can enter budget details. Fields include:
 - Name: TestBudget
 - Reset period: Monthly
 - Creation date: 2025 April 1
 - Expiration date: 2027 March 31
- Budget Amount**: A step where users can enter the budget amount. The current value is 100.
- VIEW OF MONTHLY COST DATA**: A chart showing monthly cost data with three series: forecast (light blue), actual (dark blue), and Budget (red). The Y-axis ranges from 60 to 100. The chart shows actual costs slightly above the budget line.

At the bottom, there are 'Previous' and 'Next >' buttons, and a 'Give feedback' link.

Connecting through Azure CLI to SSH

The screenshot shows the Microsoft Azure portal interface. At the top, there's a search bar and a Copilot button. Below the header, the URL bar shows "Search resources, services, and docs (G+)" and the user "burnett.dentse@gmail.com". The main content area displays a virtual machine named "TestVM" under the "Virtual machines" section. The "Overview" tab is selected. On the left, there's a sidebar with links like "Activity log", "Access control (IAM)", "Tags", "Diagnose and solve problems", "Resource visualizer", "Connect", and "Cloud Shell". The "Connect" section has a "Connect" button. The "Essentials" panel on the right shows details such as Resource group (testvm), Status (Running), Location (East US (Zone 3)), Subscription (testvm), Operating system (Ubuntu 24.04), Size (Standard D2s v3 (2 vcpus, 8 GB memory)), Public IP address (74.235.200.215), and Virtual network/subnet (testVM-vnet/default). Below this, a "Cloud Shell" terminal window is open, showing a successful SSH connection to the Ubuntu 24.04 LTS instance. The terminal output includes system information, security updates, and a login message.

```
Requesting a Cloud Shell...Succeeded.
Connecting terminal...
dortae [ ~ ]$ ssh -i AzureVM1.pem azureuser@74.235.200.215
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.11.8-1012-azure x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Sat Apr 26 20:29:04 UTC 2025

System load: 0.0          Processes:      132
Usage of /:  6.4% of 28.82GB   Users logged in:     0
Memory usage: 4%
Swap usage:  0%

1 device has a firmware upgrade available,
Run 'fwupdmgmt get-upgrades' for more information.

Expanded Security Maintenance for Applications is not enabled.

33 updates can be applied immediately.
24 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable FSN Apps to receive additional future security updates.
See https://ubuntu.com/fsn or run: sudo pro status

1 device has a Firmware upgrade available,
Run 'fwupdmgmt get-upgrades' for more information.

Last login: Sat Apr 26 19:43:52 2025 from 52.171.74.17
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

Installing a web server to be accessible through HTTPS

The screenshot shows the Microsoft Azure portal interface for a virtual machine named "TestVM". The "Overview" tab is selected. In the "Essentials" section, the "Status" field is highlighted with a context menu open, showing options like "Copy to clipboard". The "Public IP address" is listed as 74.235.200.215. Below the essentials, a terminal window is open, showing the output of the "sudo apt update" command on an Ubuntu 24.04 system. The terminal output includes package lists, dependency trees, and download progress for packages like nginx-common and nginx.

```
azureuser@TestVM:~$ sudo apt update
sudo apt install nginx -y
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-security InRelease
Hit:5 https://packages.microsoft.com/repos/microsoft-ubuntu-noble-prod noble InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
25 packages can be upgraded. Run 'apt list --upgradable' to see them.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  nginx-common
Suggested packages:
  fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  nginx nginx-common
0 upgraded, 2 newly installed, 0 to remove and 25 not upgraded.
Need to get 551 kB of archives.
After this operation, 1596 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.3 [31.2 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.3 [520 kB]
Fetched 551 kB in 0s (22.4 MB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 67819 files and directories currently installed.)
Preparing to unpack .../nginx-common_1.24.0-2ubuntu7.3_all.deb ...
Unpacking nginx-common (1.24.0-2ubuntu7.3) ...
Selecting previously unselected package nginx.
Preparing to unpack .../nginx_1.24.0-2ubuntu7.3_amd64.deb ...
Unpacking nginx (1.24.0-2ubuntu7.3) ...
Setting up nginx (1.24.0-2ubuntu7.3) ...
Setting up nginx-common (1.24.0-2ubuntu7.3) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
Processing triggers for ufw (0.36.2-6) ...
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
```

