

vpcs | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#vpcs:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

VPC dashboard < Your VPCs

AWS Global View ▾

Filter by VPC ▾

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- NAT gateways
- Peering connections
- Route servers

Security

Your VPCs

VPCs VPC encryption controls

Your VPCs (2) Info Last updated 2 minutes ago Actions ▾ Create VPC

Find VPCs by attribute or tag

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Publi...
-	vpc-044fcfa516e23c7b44	Available	-	-	Off
VPC01	vpc-0509b6683883c90e9	Available	-	-	Off

Select a VPC above

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 10:24 28-01-2026

subnets | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#subnets:

sowjanya koppula (7071-8816-5617) sowjanya koppula

VPC Subnets

You have successfully created 2 subnets: subnet-0d68eac311d2483b1, subnet-0d4f692438b51de5e

Subnets (6) Info

Last updated less than a minute ago

Create subnet

Name	Subnet ID	State	VPC	Block Public...
-	subnet-0abaf919dc5406fd	Available	vpc-044fca516e23c7b44	Off
-	subnet-04b35f530c917928a	Available	vpc-044fca516e23c7b44	Off
-	subnet-0d127ef330a225b9e	Available	vpc-044fca516e23c7b44	Off
SUBNET01	subnet-05bd414c0b8f69968	Available	vpc-0509b6683883c90e9   VPC01	Off
SUBNET03	subnet-0d4f692438b51de5e	Available	vpc-0509b6683883c90e9   VPC01	Off
SUBNET02	subnet-0d68eac311d2483b1	Available	vpc-0509b6683883c90e9   VPC01	Off

Select a subnet

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

23°C ENG 10:24 28-01-2026

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#SecurityGroups:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

aws Search [Alt+S] Asia Pacific (Mumbai) ▾

VPC > Security Groups

Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists NAT gateways Peering connections Route servers

▼ Security Network ACLs Security groups

▼ PrivateLink and Lattice Getting started Endpoints

Inbound security group rules successfully modified on security group (sg-02b6c67bf2a191add | default)

Details

Security Groups (2) Info Actions Export security groups to CSV Create security group

Name	Security group ID	Security group name	VPC ID
-	sg-0b91282a31210b484	default	vpc-044fca516e23c7b44
SG-01	sg-02b6c67bf2a191add	default	vpc-0509b6683883c90e9

Select a security group

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences 23°C ENG 10:28 28-01-2026

Type here to search

igws | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#igws:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

VPC > Internet gateways

Your VPCs  
Subnets  
Route tables  
**Internet gateways**  
Egress-only internet gateways  
DHCP option sets  
Elastic IPs  
Managed prefix lists  
NAT gateways  
Peering connections  
Route servers

▼ Security  
Network ACLs  
Security groups

▼ PrivateLink and Lattice  
Getting started  
Endpoints

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 10:28 28-01-2026

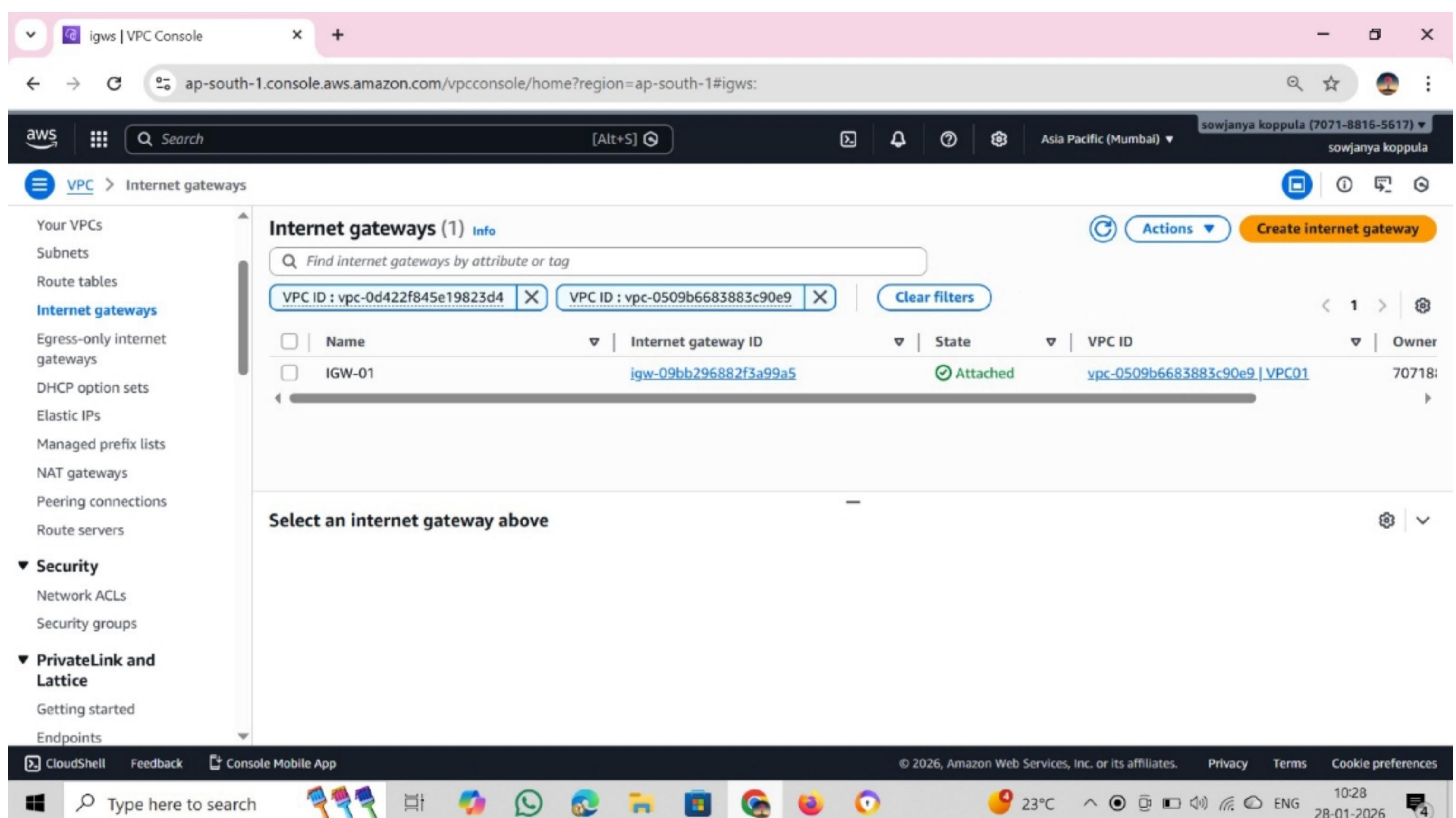
### Internet gateways (1) Info

Find internet gateways by attribute or tag

VPC ID : vpc-0d422f845e19823d4 X VPC ID : vpc-0509b6683883c90e9 X Clear filters

Name	Internet gateway ID	State	VPC ID	Owner
IGW-01	igw-09bb296882f3a99a5	Attached	vpc-0509b6683883c90e9   VPC01	707181

Select an internet gateway above



RouteTables | VPC Console

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#RouteTables:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

VPC > Route tables

Route tables (1/2) [Info](#)

Last updated 1 minute ago

Create route table

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
DEFAULT	rtb-098850a60cf61eac0	-	-	Yes	vpc-044fca516
RT-01	rtb-0b6c1cdaee8ccc02b	-	-	Yes	vpc-0509b668

rtb-0b6c1cdaee8ccc02b / RT-01

Details | Routes | Subnet associations | Edge associations | Route propagation | Tags

Details

Route table ID rtb-0b6c1cdaee8ccc02b	Main <input checked="" type="checkbox"/> Yes	Explicit subnet associations -	Edge associations -
VPC	Owner ID		

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 10:28 28-01-2026

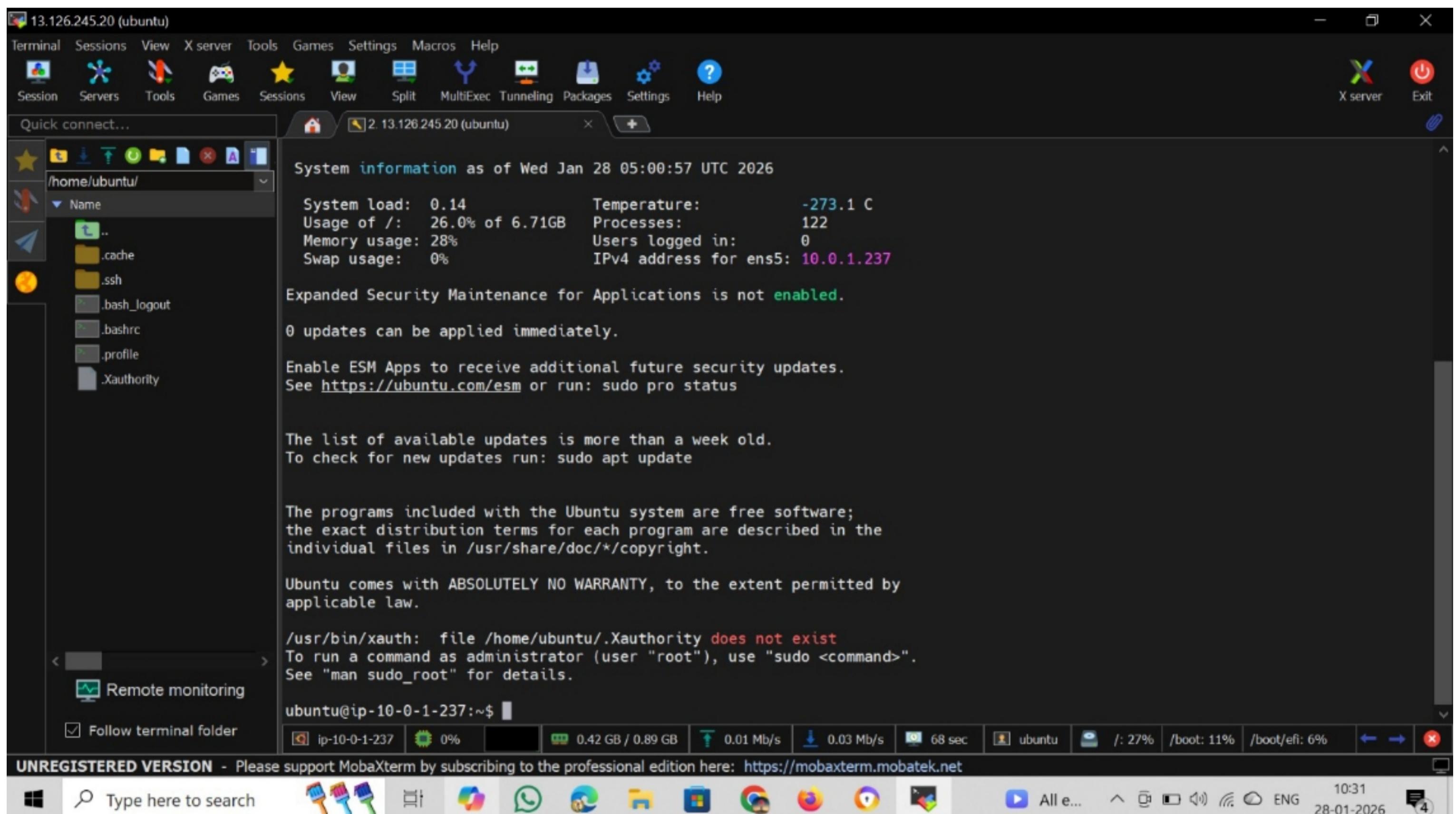
Screenshot of the AWS EC2 Instances page in the ap-south-1 region.

The page shows one instance named VM01, which is running. The instance details include:

- Instance ID: i-003458446a55267be
- Public IPv4 address: 13.126.245.20
- Private IPv4 address: 10.0.1.237
- Public DNS: -
- Instance state: Running
- Instance type: t3.micro
- Status check: Initializing
- Alarm status: View alarms
- Availability Zone: ap-south-1a

The left sidebar shows the navigation menu for EC2, including options like Dashboard, AWS Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Capacity Manager, Images, AMIs, and AMI Catalog.

The top header includes the AWS logo, search bar, and user information (sowjanya koppula).



Screenshot of the AWS EC2 Instances page showing a single running instance named VM01.

**Instances (1/1) Info**

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
VM01	i-003458446a55267be	Running	t3.micro	Initializing	View alarms +	ap-south-1a

**i-003458446a55267be (VM01)**

**Details** | Status and alarms | Monitoring | Security | Networking | Storage | Tags

**Instance summary**

Instance ID	i-003458446a55267be	Public IPv4 address	Private IPv4 addresses
IPv6 address	-	13.126.245.20   open address ↗	10.0.1.237
Instance state	Running	Public DNS	-

**Actions** | Launch instances

**EC2** | Instances | Dashboard | AWS Global View | Events | Instances | Instance Types | Launch Templates | Spot Requests | Savings Plans | Reserved Instances | Dedicated Hosts | Capacity Reservations | Capacity Manager | Images | AMIs | AMI Catalog | CloudShell | Feedback | Console Mobile App | © 2026, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | Type here to search | All e... | ENG | 10:31 | 28-01-2026 | 4

The screenshot shows the AWS EC2 'Launch an instance' wizard. The top navigation bar includes tabs for 'CloudShell', 'Feedback', and 'Console Mobile App'. The main content area is titled 'Launch an instance | EC2 | ap-south-1'. The left sidebar shows the navigation path: 'EC2 > Instances > Launch an instance'. The main form is divided into sections:

- User data - optional**: A text input field containing the following script:

```
#!/bin/bash
sudo su
apt update
apt install nginx -y
```
- Number of instances**: Set to 1.
- Software Image (AMI)**: Canonical, Ubuntu, 24.04, amd64... (with a 'read more' link).
- Virtual server type (instance type)**: t3.micro.
- Firewall (security group)**: default.
- Storage (volumes)**: 1 volume(s) - 8 GiB.

At the bottom right are 'Cancel' and 'Launch instance' buttons. A 'Preview code' link is also present. A note at the bottom left says 'User data has already been base64 encoded' with an unchecked checkbox.



## Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*



Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

aws Search [Alt+S] Asia Pacific (Mumbai) ▾

EC2 > Instances > Launch an instance

Success Successfully initiated launch of instance (i-04a6530a171493635)

▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

Create billing alerts ↗

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance ↗

Learn more ↗

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database ↗

Create a new RDS database ↗

Learn more ↗

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy ↗

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateLifecyclePolicy:policyType=EBS\_SNAPSHOT\_MANAGEMENT

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 10:38 28-01-2026

Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

sowjanya koppula (7071-8816-5617) ▾  
sowjanya koppula

aws Search [Alt+S] Asia Pacific (Mumbai) ▾

EC2 > Instances > Launch an instance

User data - optional | Info  
Upload a file with your user data or enter it in the field.  
Choose file

```
#!/bin/bash
sudo su
apt update
apt install nginx -y
```

User data has already been base64 encoded

▼ Summary

Number of instances | Info  
1

Software Image (AMI)  
Canonical, Ubuntu, 24.04, amd64... [read more](#)  
ami-019715e0d74f695be

Virtual server type (instance type)  
t3.micro

Firewall (security group)  
default

Storage (volumes)  
1 volume(s) - 8 GiB

Cancel [Launch instance](#) [Preview code](#)

CloudShell Feedback Console Mobile App  
Type here to search

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences  
23°C ENG 10:42 28-01-2026 4

Launch an instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

aws Search [Alt+S] Asia Pacific (Mumbai) sowjanya koppula (7071-8816-5617) sowjanya koppula

EC2 > Instances > Launch an instance

Success Successfully initiated launch of instance (i-09d83fd61fbcbd232)

▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

Create billing alerts ↗

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance ↗

Learn more ↗

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database ↗

Create a new RDS database ↗

Learn more ↗

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy ↗

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateLifecyclePolicy:policyType=EBS\_SNAPSHOT\_MANAGEMENT

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

RELI... 10:42 28-01-2026 4



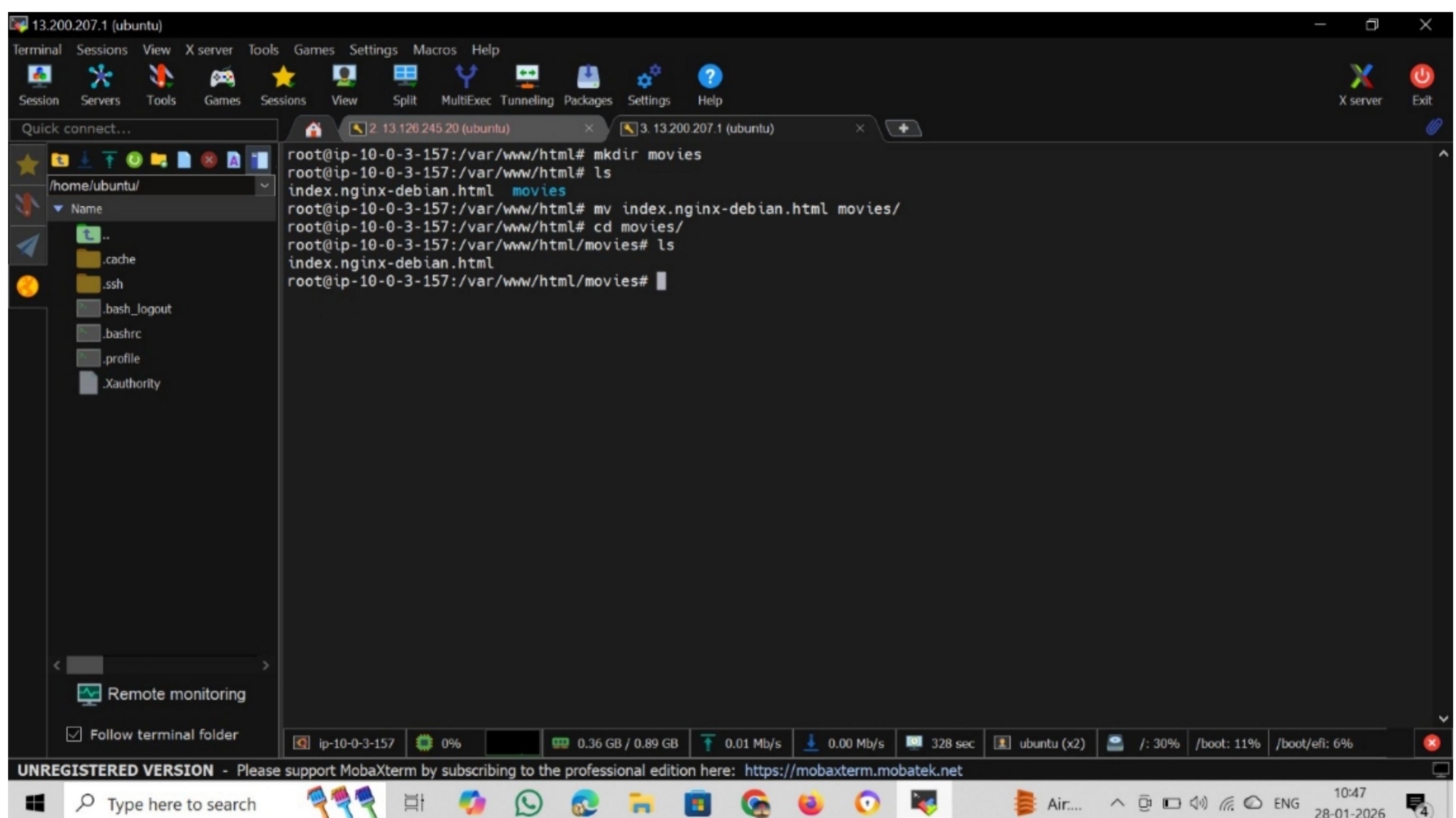
## Welcome to nginx!

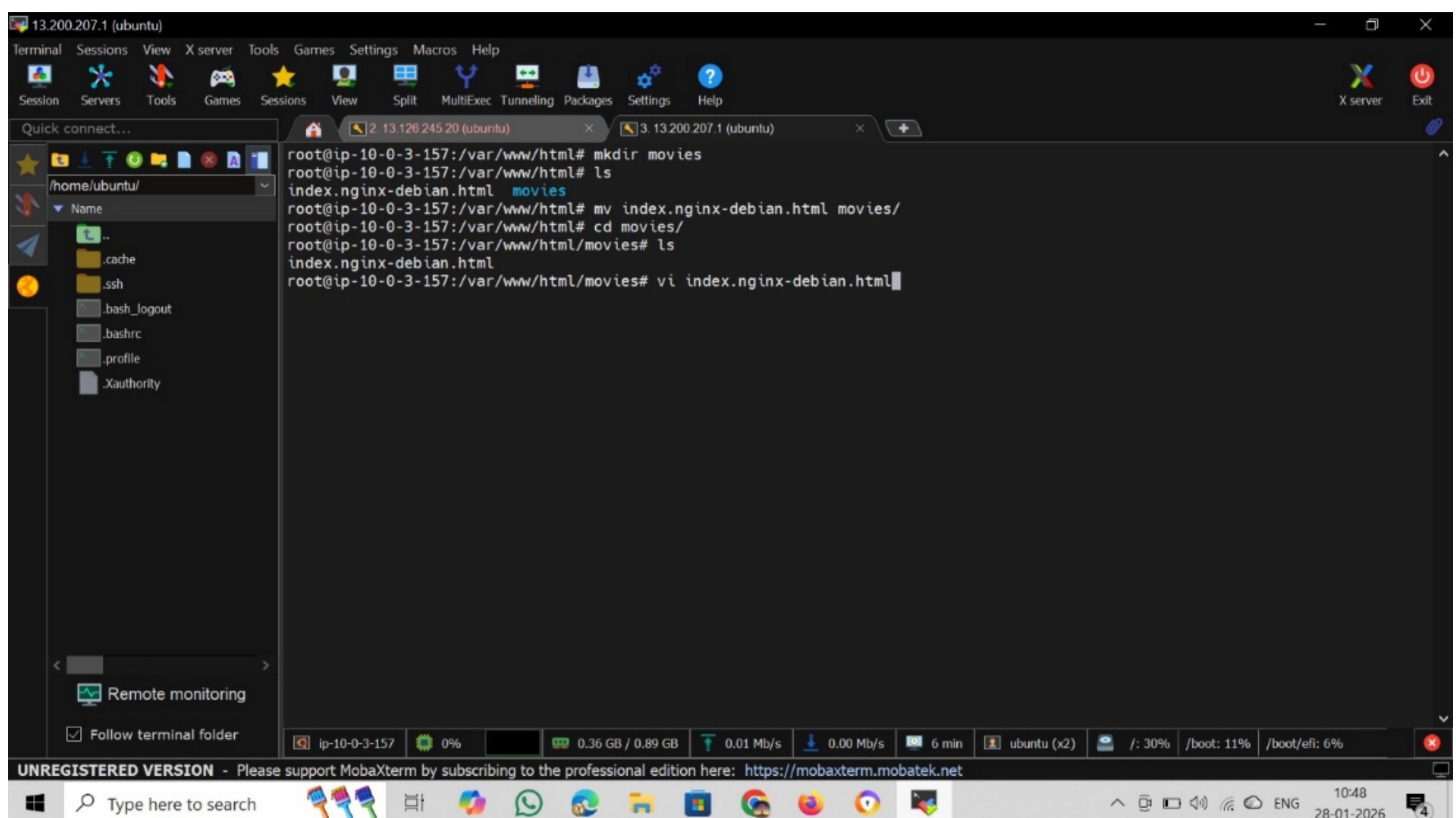
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

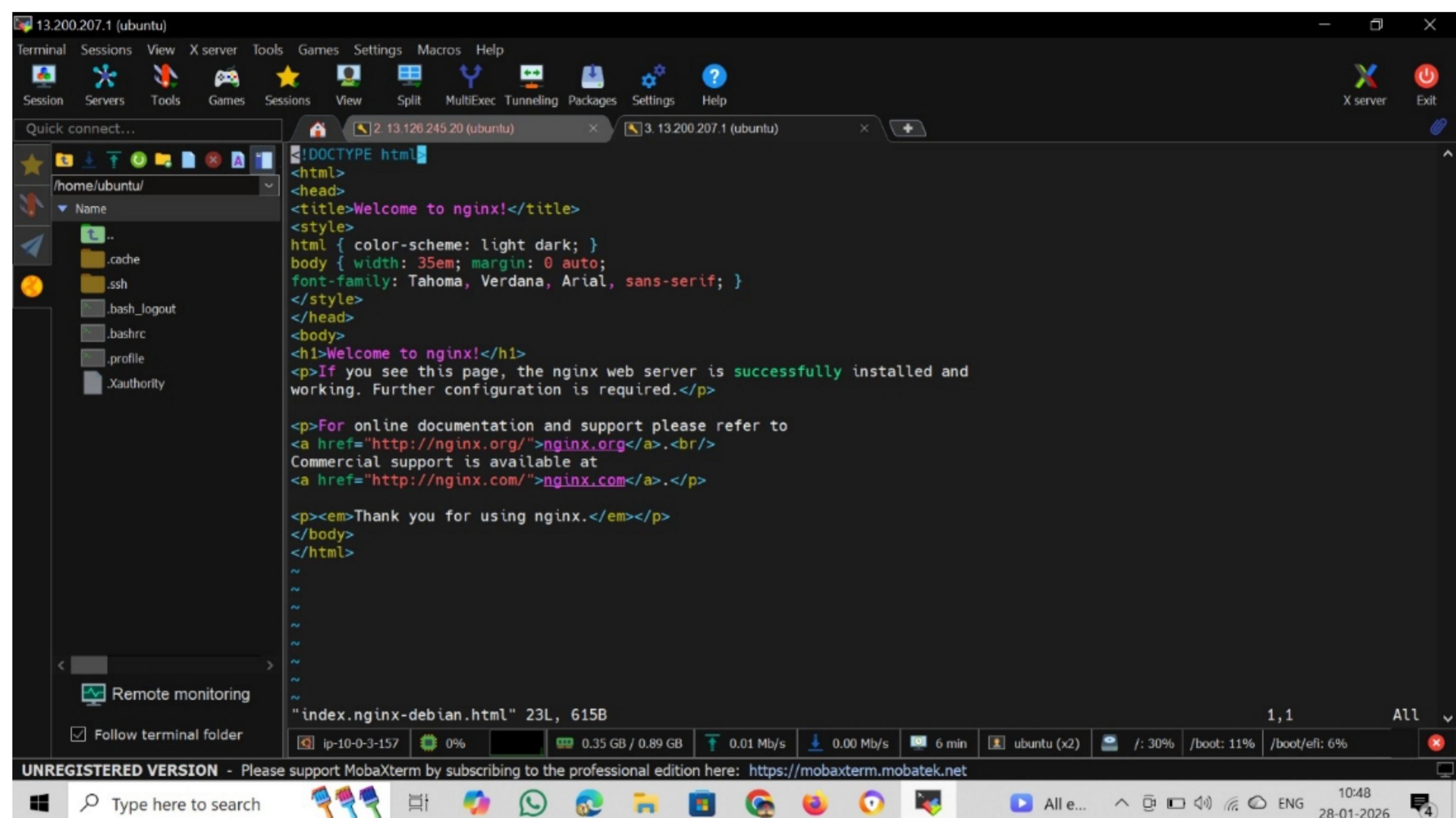
For online documentation and support please refer to [nginx.org](#).  
Commercial support is available at [nginx.com](#).

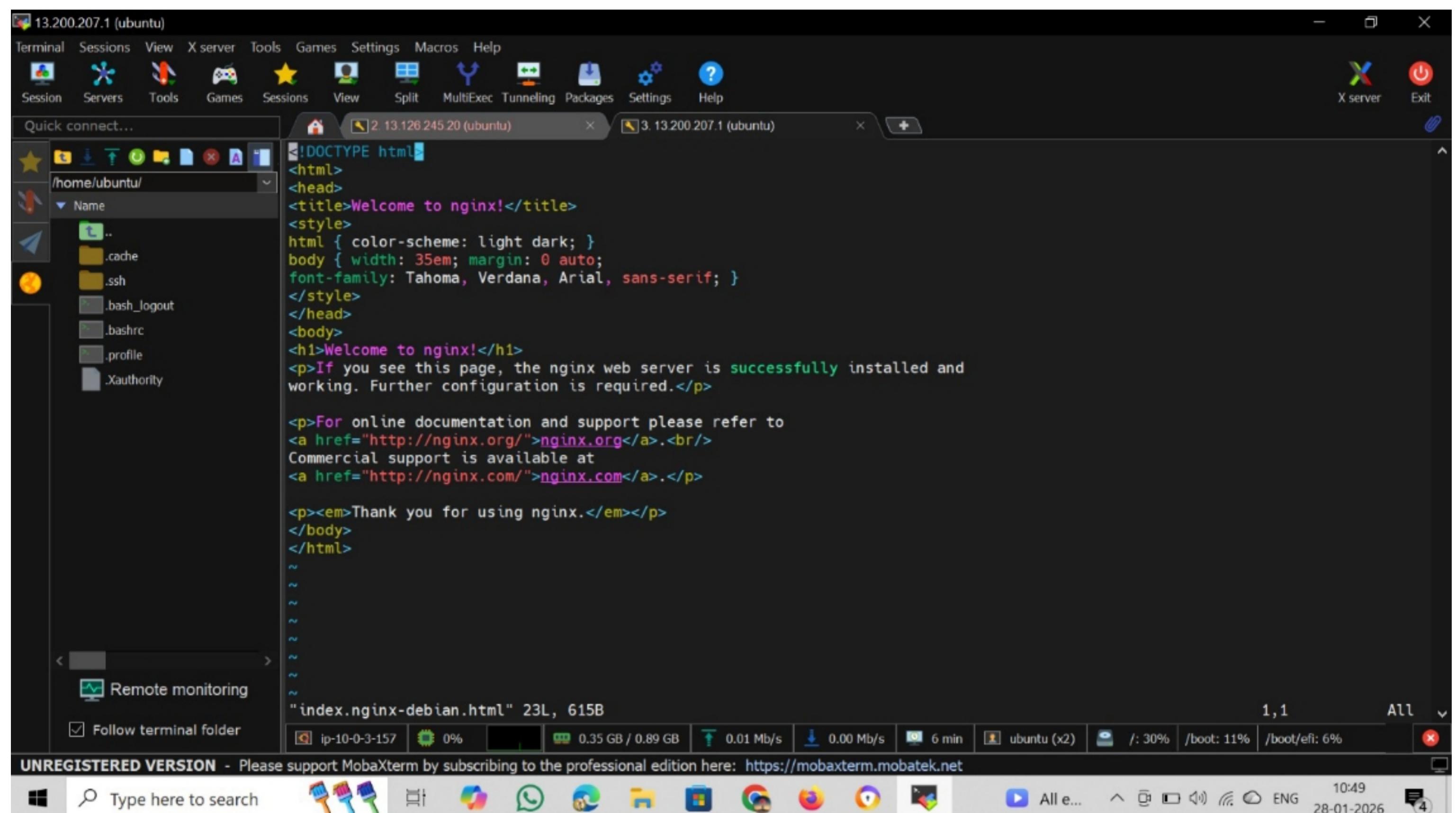
*Thank you for using nginx.*

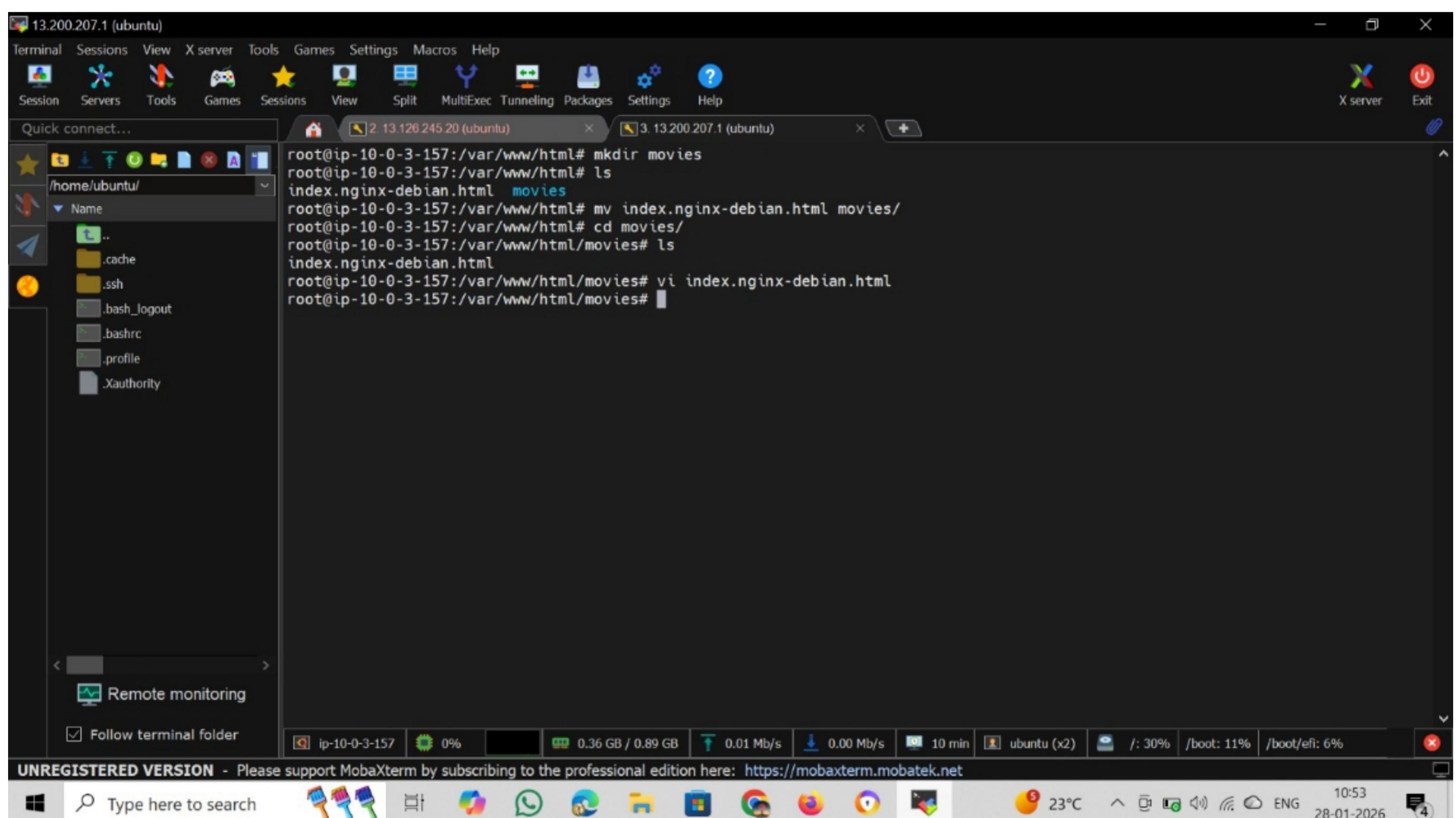














## Welcome to movies!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*



Compare and select load balancer type

13.235.81.209 | Welcome to nginx!

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SelectCreateELBWizard:

sowjanya koppula (7071-8816-5617) | sowjanya koppula

aws | Search | [Alt+S] | Asia Pacific (Mumbai) | sowjanya koppula

EC2 > Load balancers > Compare and select load balancer type

Classic Load Balancer - previous generation

**Application Load Balancer (ALB)**

Choose an Application Load Balancer when you need a flexible feature set for your applications with HTTP and HTTPS traffic. Operating at the request level, Application Load Balancers provide advanced routing and visibility features targeted at application architectures, including microservices and containers.

[Create](#)

**Network Load Balancer (NLB)**

Choose a Network Load Balancer when you need ultra-high performance, TLS offloading at scale, centralized certificate deployment, support for UDP, and static IP addresses for your applications. Operating at the connection level, Network Load Balancers are capable of handling millions of requests per second securely while maintaining ultra-low latencies.

[Create](#)

**Gateway Load Balancer (GLB)**

Choose a Gateway Load Balancer when you need to deploy and manage a fleet of third-party virtual appliances that support GENEVE. These appliances enable you to improve security, compliance, and policy controls.

[Create](#)

[Close](#)

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 10:54 28-01-2026

Screenshot of the AWS Cloud Console showing the 'Create Application Load Balancer' wizard.

The browser tabs are:

- Create application load balance
- 13.235.81.209
- Welcome to nginx!

The URL in the address bar is: ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateALBWizard:

The AWS navigation bar includes:

- aws
- Search
- [Alt+S]
- Asia Pacific (Mumbai)
- sowjanya koppula (7071-8816-5617)
- sowjanya koppula

The breadcrumb navigation shows:

- EC2 > Load balancers > Create Application Load Balancer

## Create Application Load Balancer Info

The Application Load Balancer distributes incoming HTTP and HTTPS traffic across multiple targets such as Amazon EC2 instances, microservices, and containers, based on request attributes. When the load balancer receives a connection request, it evaluates the listener rules in priority order to determine which rule to apply, and if applicable, it selects a target from the target group for the rule action.

### ► How Application Load Balancers work

### Basic configuration

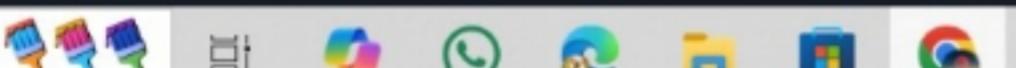
**Load balancer name**  
Name must be unique within your AWS account and can't be changed after the load balancer is created.  
A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

**Scheme** Info  
Scheme can't be changed after the load balancer is created.

**Internet-facing**  
• Serves internet-facing traffic.  
• Has public IP addresses.  
• DNS name resolves to public IPs.  
• Requires a public subnet.

**Internal**  
• Serves internal traffic.  
• Has private IP addresses.  
• DNS name resolves to private IPs.  
• Compatible with the IPv4 and Dualstack IP address types.

**Load balancer IP address type** Info

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences  
Type here to search   23°C ENG 10:55 28-01-2026 

The screenshot shows the AWS EC2 Target Groups creation wizard, Step 1: Create target group. The page title is "Create target group". A sidebar on the left lists steps: Step 1 (Create target group, marked as completed), Step 2 - recommended (Register targets), and Step 3 (Review and create). The main content area is titled "Settings - immutable" and describes the target type selection. It shows four options: Instances (selected), IP addresses, Lambda function, and Application Load Balancer. Each option has a description and a "Suitable for:" section with colored buttons: ALB (green), NLB (purple), and GWLB (blue). Below the settings is a "Target group name" input field. The top navigation bar shows tabs for "Create application load balance", "Step 1 Create target group | EC2", "13.235.81.209", and "Welcome to nginx!". The AWS logo and search bar are also visible.

Screenshot of the AWS CloudShell interface showing the creation of an Application Load Balancer target group.

The browser tabs are:

- Create application load balancer
- Step 2 Create target group | EC2
- 13.235.81.209
- Welcome to nginx!

The URL in the address bar is: ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=HTTP;vpc=vpc-0509b6683883c90e9

The AWS CloudShell header includes:

- aws
- Search
- [Alt+S]
- Asia Pacific (Mumbai)
- sowjanya koppula (7071-8816-5617)
- sowjanya koppula

The navigation path is: EC2 > Target groups > Create target group

The main content shows the "Register targets - recommended" step, which is optional for creating a target group. It displays two available instances:

Instance ID	Name	State	Security groups
i-09d83fd61fbcbd232	MOVIES-GREEN	Running	default
i-04a6530a171493635	HOME-PAGE	Running	default

0 selected instances are currently chosen.

The ports for the selected instances are set to 80.

The bottom of the screen shows the Windows taskbar with various pinned icons and system status information.

Create application load balance | Target group details | EC2 | 13.235.81.209 | Welcome to nginx! | - | ...

← → ⌂ ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroup:targetGroupArn=arn:aws:elasticloadbalancing:ap-south-1:707188165617:targetgroup/TG-HOME

aws Search [Alt+S] Asia Pacific (Mumbai) sowjanya koppula (7071-8816-5617) sowjanya koppula

EC2 > Target groups > TG-HOME

EC2 Successfully created the target group: TG-HOME. Anomaly detection is automatically applied to all registered targets. Results can be viewed in the Targets tab. Give feedback X

TG-HOME Actions ▾

Details

arn:aws:elasticloadbalancing:ap-south-1:707188165617:targetgroup/TG-HOME/bbc3ea2a2b02c769	Target type	Protocol : Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-0509b6683883c90e9 ↗	
IP address type	Load balancer			
IPv4	None associated			

1 Total targets	0 Healthy	0 Unhealthy	1 Unused	0 Initial	0 Draining
0 Anomalous					

Distribution of targets by Availability Zone (AZ)

Select values in this table to see corresponding filters applied to the Registered targets table below.

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

Create application load balance x Target groups | EC2 | ap-south-1 x 13.235.81.209 x Welcome to nginx! x +

← → C ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroups: Search [Alt+S]

sowjanya koppula (7071-8816-5617) sowjanya koppula

aws EC2 Target groups

Images AMIs AMI Catalog

Elastic Block Store Volumes Snapshots Lifecycle Manager

Network & Security Security Groups Elastic IPs Placement Groups Key Pairs Network Interfaces

Load Balancing Load Balancers Target Groups Trust Stores

Target groups (1) Info | What's new?

Filter target groups

Name	ARN	Port	Protocol	Target type	Load balancer
TG-HOME	arn:aws:elasticloadbalancing:ap-south-1:123456789012:targetgroup/TG-HOME/54321	80	HTTP	Instance	(i) None associated

Actions Create target group

0 target groups selected

CloudShell Feedback Console Mobile App

© 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

23°C ENG 11:01 28-01-2026

Screenshot of the AWS EC2 Target Groups console showing the creation of a new target group named "HOME-TG5".

The browser tabs show the creation of application load balancers and target groups.

The main page displays the following details:

Details	
Target type	Protocol : Port
Instance	HTTP: 80
IP address type	Protocol version
IPv4	HTTP1
1 Total targets	0 Healthy
	0 Unhealthy
	0 Anomalous
0 Unused	0 Initial
0 Draining	

**Distribution of targets by Availability Zone (AZ)**

Select values in this table to see corresponding filters applied to the Registered targets table below.

Bottom navigation bar includes CloudShell, Feedback, Console Mobile App, © 2026, Amazon Web Services, Inc. or its affiliates., Privacy, Terms, Cookie preferences, 23°C, ENG, 11:05, 28-01-2026, and a notification icon.

Screenshot of the AWS EC2 Target Groups console showing the creation of a target group named "MOVIES-GREEN".

The browser tabs show the creation of application load balancers and target groups.

The main page displays the following details:

- Target type:** Instance
- Protocol : Port:** HTTP: 80
- Protocol version:** HTTP1
- VPC:** vpc-0509b6683883c90e9

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
1	0	0	1	0	0
0 Anomalous					

**Distribution of targets by Availability Zone (AZ):**  
Select values in this table to see corresponding filters applied to the Registered targets table below.

Bottom navigation bar includes CloudShell, Feedback, Console Mobile App, Privacy, Terms, Cookie preferences, and system status (23°C, ENG, 11:07, 28-01-2026).

Screenshot of the AWS Cloud Console showing the creation of an Application Load Balancer (ALB).

The browser tabs show:

- Create application load balancer
- Load balancer details | EC2
- Target groups | EC2 | ap-south-1
- 13.235.81.209
- Welcome to nginx!

The AWS navigation bar shows:

- aws
- Search
- [Alt+S]
- Asia Pacific (Mumbai)
- sowjanya koppula (7071-8816-5617)

The main content area shows the EC2 > Load balancers > APPLB01 page.

A green success message box displays:

**Successfully created load balancer: APPLB01**  
It might take a few minutes for your load balancer to fully set up and route traffic. Targets will also take a few minutes to complete the registration process and pass initial health checks.

An info message box displays:

**Introducing ALB target optimizer**  
Target optimizer lets you enforce a maximum number of requests per target using an ALB-provided agent, improving success rates, latency, and efficiency.  
[Learn more](#)

The main table for APPLB01 shows the following details:

Load balancer type	Status	VPC	Load balancer IP address type
Application	Provisioning	vpc-0509b6683883c90e9	IPv4
Scheme	Hosted zone	Availability Zones	Date created
Internet-facing	ZP97RAFLXTNZK	subnet-0d68eac311d2483b1 ap-south-1b (aps1-az3) subnet-05bd414c0b8f69968 ap-south-1a (aps1-az1)	January 28, 2026, 11:09 (UTC+05:30)

Below the table, there are sections for Load balancer ARN and DNS name info.

The bottom of the screen shows the Windows taskbar with various pinned icons and system status information.

Screenshot of the AWS CloudFront console showing the configuration of a new rule for an ELB listener.

The browser tabs are:

- Create application
- Step 1 Add listener
- Target groups | EC2
- 13.235.81.209
- Welcome to nginx!
- applb01-34856400

The URL in the address bar is: ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#AddListenerRule:listenerArn=arn:aws:elasticloadbalancing:ap-south-1:707188165617:...

The AWS navigation bar shows:

- aws
- Search
- [Alt+S]
- Notification icon
- Help icon
- Settings icon
- Region: Asia Pacific (Mumbai)
- User: sowjanya koppula (7071-8816-5617)
- User: sowjanya koppula

The breadcrumb navigation is:

- EC2 > Load balancers > APPLB01 > HTTP:80 listener > Add rule

A message box says: Tags can help you manage, identify, organize, search for and filter resources.

**Conditions (1 value) Info** Rule limits

Define 1-5 condition values. Additional conditions can't be added once the limit is reached.

**Path (value) = /movies/** Remove

**Match pattern type**

**Value matching**  
Match with glob syntax, using `*` and `?` as wildcards.

**Regex matching**  
Match with regex syntax.

**Path condition value**  
Case sensitive.  
= `/movies/`

Valid characters are a-z, A-Z, 0-9 and special characters. Path must be 1-128 characters.

**+ Add OR condition value**

**Add condition ▾**

CloudShell Feedback Console Mobile App © 2026, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Type here to search

11:17 ENG 28-01-2026



Screenshot of the AWS EC2 "Launch an instance" wizard.

The browser tab bar shows multiple open tabs related to AWS services.

The AWS navigation bar includes:

- aws
- Search
- [Alt+S] [refresh]
- Asia Pacific (Mumbai) ▾
- sowjanya koppula (7071-8816-5617) ▾
- sowjanya koppula

The main content area shows the "Launch an instance" wizard steps:

- Step 1: Set instance details**
  - Metadata response hop limit:** 2
  - Allow tags in metadata:** Select
  - User data - optional:** Upload a file or enter user data.  
User data content:

```
#!/bin/bash
sudo su
apt update
apt install nginx -y
```
- Step 2: Summary**

Number of instances
1

**Software Image (AMI):** Canonical, Ubuntu, 24.04, amd64... [read more](#)  
ami-019715e0d74f695be

**Virtual server type (instance type):** t3.micro

**Firewall (security group):** default

**Storage (volumes):** 1 volume(s) - 8 GiB

**Buttons:** Cancel, Launch instance, Preview code

The bottom of the screen shows the Windows taskbar with various pinned icons and system status.

Screenshot of the AWS EC2 Instances Launch an instance page showing a successful launch.

The browser tab bar shows multiple open tabs related to AWS services: Create application, Launch an instance, Target groups | EC2, 13.235.81.209, Welcome to nginx!, applb01-34856400, and others.

The AWS navigation bar includes the AWS logo, a search bar, and account information for sowjanya koppula (7071-8816-5617) in Asia Pacific (Mumbai).

The main content area shows a green success message: "Success: Successfully initiated launch of instance (i-015a2ef1d49d944f7)".

A "Launch log" link is present below the message.

The "Next Steps" section contains links to:

- Create billing usage alerts
- Connect to your instance
- Connect an RDS database
- Create EBS snapshot policy

Below the "Next Steps" section, there is a search bar and a page navigation bar with links 1 through 6.

The bottom of the page shows the URL https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateLifecyclePolicy:policyType=EBS\_SNAPSHOT\_MANAGEMENT, along with standard browser controls and system status indicators.

Screenshot of the AWS EC2 Instances page showing three running instances: MOVIES-GREEN, MOVIES-BLUE, and HOME-PAGE.

The browser tab bar shows multiple open tabs related to AWS services like Create application, Instances | EC2, Target groups | EC2, 13.235.81.209, Welcome to nginx!, and applb01-34856400.

The AWS navigation bar includes links for Search, Alt+S, Connect, Instance state, Actions, Launch instances, and user profile sowjanya koppula (7071-8816-5617).

The left sidebar menu for EC2 includes options like Dashboard, AWS Global View, Events, Instances (selected), Instances Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, and Capacity Manager.

The main content area displays the following table:

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	MOVIES-GREEN	i-09d83fd61fbcbd232	<span>Running</span>	t3.micro	<span>3/3 checks passed</span>	<a href="#">View alarms +</a>	ap-south-1c
<input type="checkbox"/>	MOVIES-BLUE	i-015a2ef1d49d944f7	<span>Running</span>	t3.micro	<span>Initializing</span>	<a href="#">View alarms +</a>	ap-south-1a
<input type="checkbox"/>	HOME-PAGE	i-04a6530a171493635	<span>Running</span>	t3.micro	<span>3/3 checks passed</span>	<a href="#">View alarms +</a>	ap-south-1b

A "Select an instance" dropdown is visible below the table.

The bottom navigation bar includes CloudShell, Feedback, Console Mobile App, © 2026, Amazon Web Services, Inc. or its affiliates., Privacy, Terms, Cookie preferences, and system status indicators (Type here to search, Reliability, ENG, 11:26, 28-01-2026).

35.154.34.137 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 1. 2. 3. 4.

\* Support: <https://ubuntu.com/pro>

System information as of Wed Jan 28 05:57:37 UTC 2026

```
System load: 0.86 Temperature: -273.1 C
Usage of /: 29.7% of 6.71GB Processes: 136
Memory usage: 29% Users logged in: 0
Swap usage: 0% IPv4 address for ens5: 10.0.1.133
```

Expanded Security Maintenance for Applications is not enabled.

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

Enable ESM Apps to receive additional future security updates.  
See <https://ubuntu.com/esm> or run: sudo pro status

The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.

```
/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
```

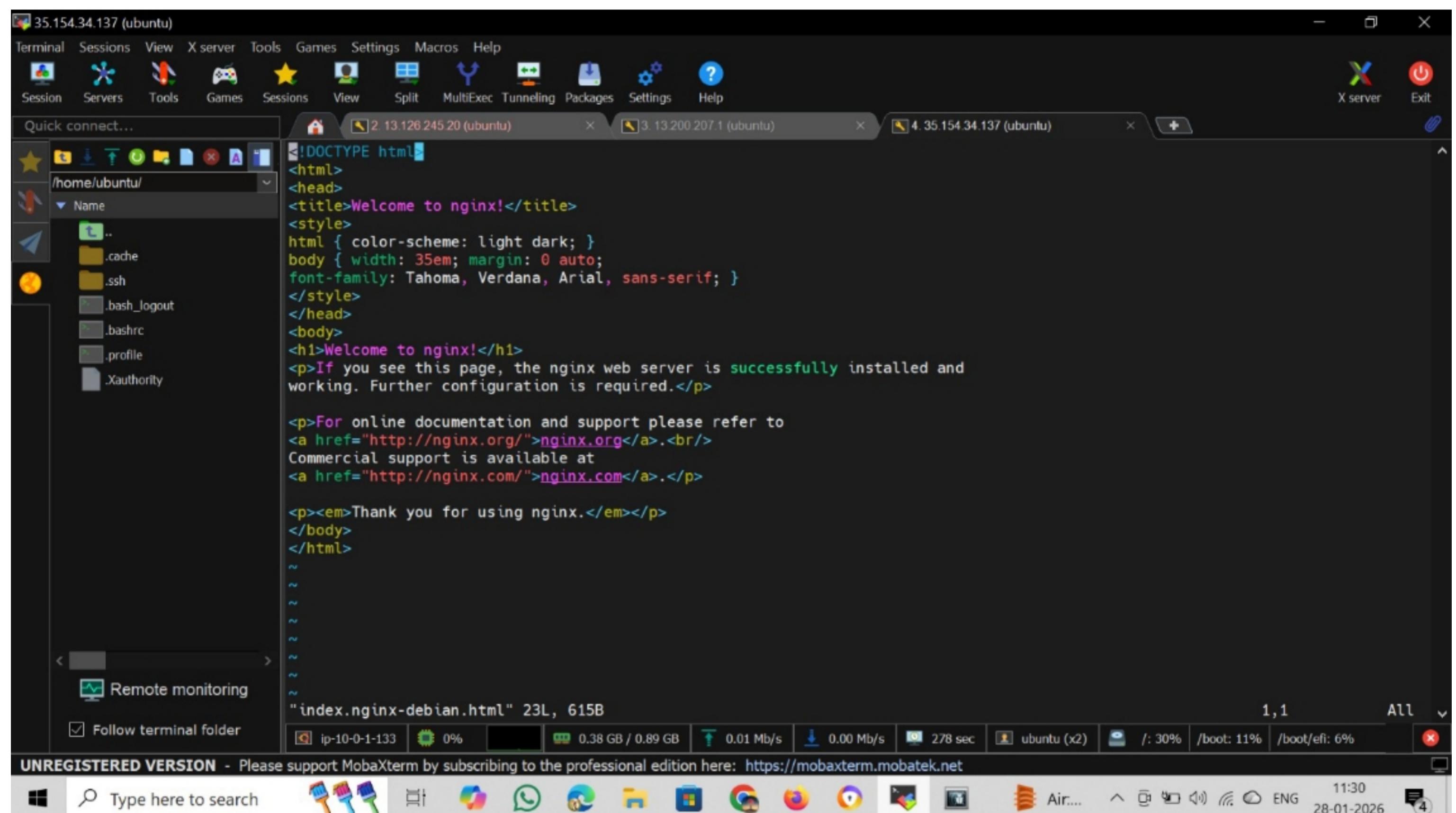
ubuntu@ip-10-0-1-133:~\$

ip-10-0-1-133 0% 0.40 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 89 sec ubuntu /: 30% /boot: 11% /boot/efi: 6%

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

Type here to search

11:27 28-01-2026



35.154.34.137 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... [Home](#) [2. 13.126.245.20 \(ubuntu\)](#) [3. 13.200.207.1 \(ubuntu\)](#) [4. 35.154.34.137 \(ubuntu\)](#)

File Explorer /home/ubuntu/

- Name
- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- Xauthority

Code Editor

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
html { color-scheme: light dark; }
body { width: 35em; margin: 0 auto;
font-family: Tahoma, Verdana, Arial, sans-serif; }
</style>
</head>
<body>
<h1>Welcome to movies!</h1>
<iframe width="1034" height="582" src="https://www.youtube.com/embed/399Ez7WHK5s" title="Avengers: Doomsday | Only in Theaters December 18, 2026" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerPolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
<p>If you see this page, the nginx web server is successfully installed and working. Further configuration is required.</p>
<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>
<p><em>Thank you for using nginx.</em></p>
</body>
</html>
```

File Explorer

Remote monitoring

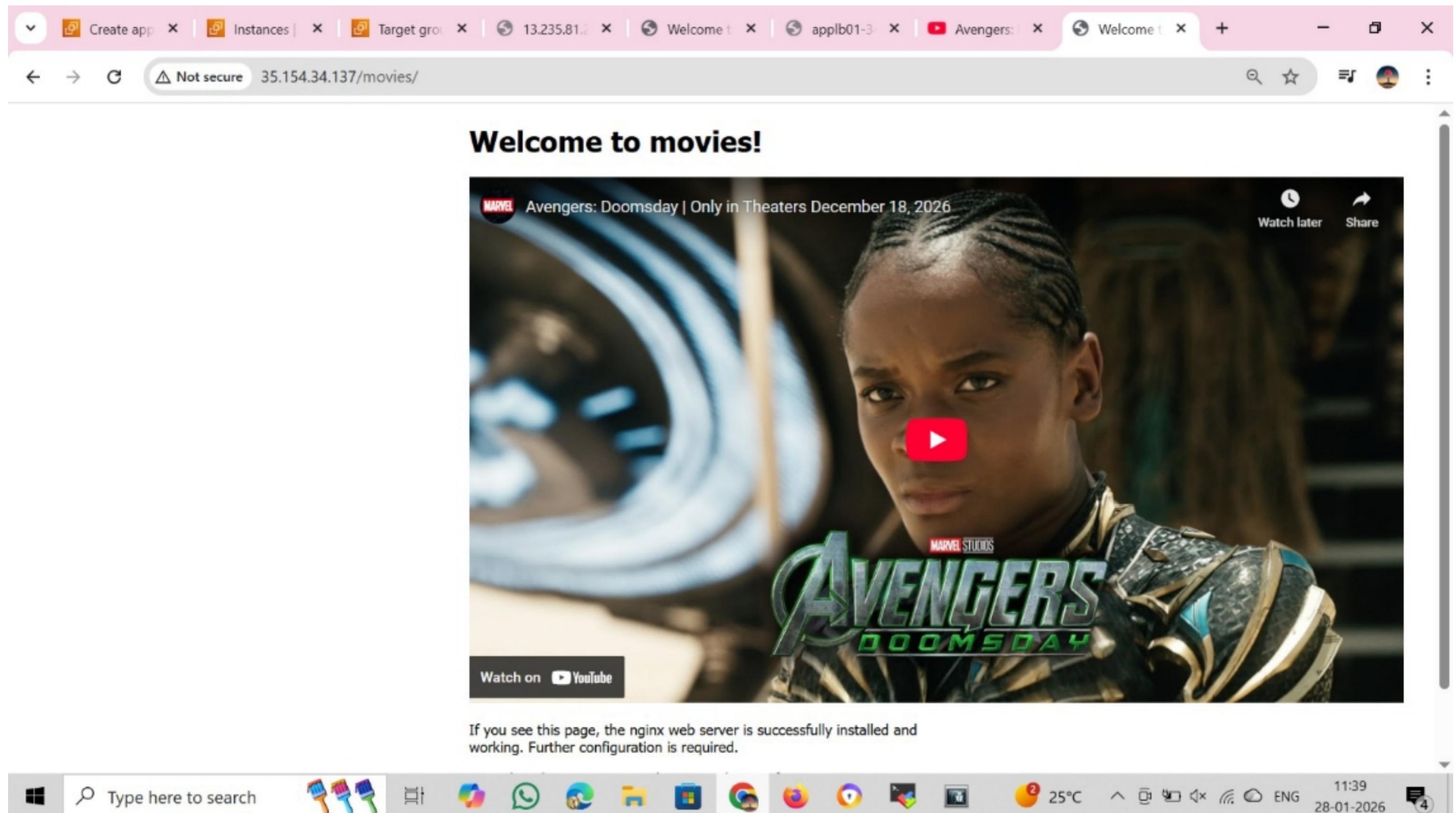
Follow terminal folder

12,27 All

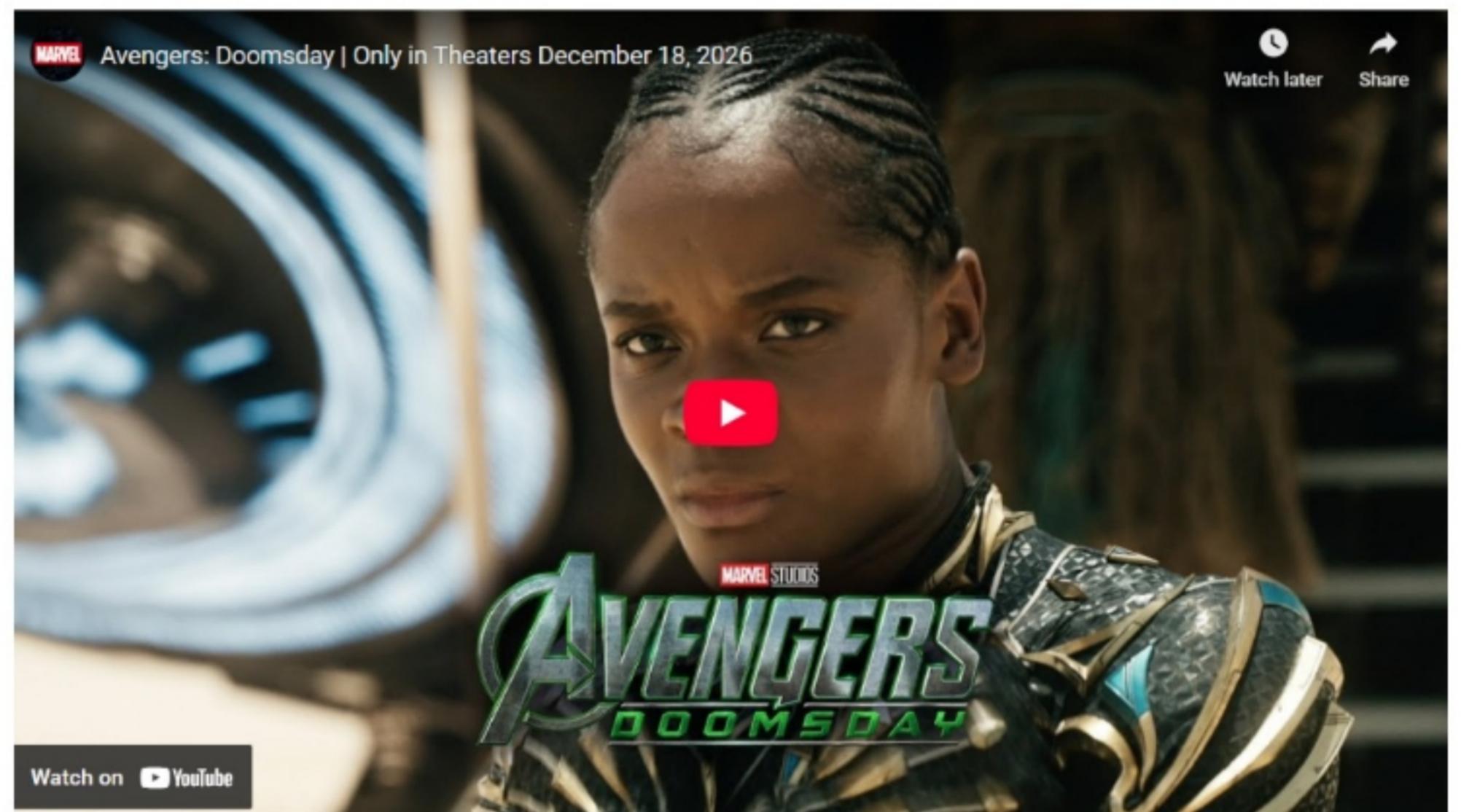
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

Type here to search

11:36 28-01-2026



## Welcome to movies!



If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

Screenshot of the AWS EC2 Target Groups console showing the creation of a new target group named "MOVIES-BLUE".

The browser address bar shows the URL: `ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#TargetGroup:targetGroupArn=arn:aws:elasticloadbalancing:ap-south-1:707188165617:targetgroup/MOVIES-BLUE/2d6731762071b9b9`.

The AWS navigation bar includes tabs for CloudShell, Feedback, and Console Mobile App.

The main content area displays the following information:

- Details:**
  - ARN: `arn:aws:elasticloadbalancing:ap-south-1:707188165617:targetgroup/MOVIES-BLUE/2d6731762071b9b9`
  - Target type: Instance
  - Protocol: Port
  - Protocol version: HTTP1
  - VPC: `vpc-0509b6683883c90e9`
  - IP address type: IPv4
  - Load balancer: None associated
- Target Metrics:**

Total targets	Healthy	Unhealthy	Unused	Initial	Draining
1	0	0	1	0	0
0 Anomalous					
- Distribution of targets by Availability Zone (AZ):**

Select values in this table to see corresponding filters applied to the Registered targets table below.

Screenshot of the AWS Cloud Console showing the configuration of an Application Load Balancer (ALB) listener.

The URL in the browser is: ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ELBLListenerV2:loadBalancerArn=arn:aws:elasticloadbalancing:ap-south-1:707188165617:listener/app/APPLB01/8d629f2a835db873/2bf3457d204b8429

The page title is: HTTP:80 listener - APPLB01 - EC2 - AWS Management Console

**HTTP:80** (Info)

**Details**

A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.

**Protocol:Port**: HTTP:80

**Load balancer**: APPLB01

**Default actions**:

- Forward to target group HOME-TG5: 1 (100%)

Target group stickiness: Off

**Listener ARN**: arn:aws:elasticloadbalancing:ap-south-1:707188165617:listener/app/APPLB01/8d629f2a835db873/2bf3457d204b8429

**Rules** (2) (Info)

Traffic received by the listener is routed according to the default action and any additional rules. Rules are evaluated in priority order from the lowest value to the highest.

**Actions** | **Add rule**

**CloudShell** | **Feedback** | **Console Mobile App**

© 2026, Amazon Web Services, Inc. or its affiliates. | **Privacy** | **Terms** | **Cookie preferences**

Type here to search

11:43 28-01-2026

Screenshot of the AWS CloudFront console showing the configuration of a new distribution. The distribution is named 'APPLB01' and is being created for the domain 'ap-south-1.console.aws.amazon.com'. The 'Static website hosting' option is selected. Under 'Behaviors', a new behavior is being configured for the path prefix '/movies/'. The 'Forwarded values' section is expanded, showing the following settings:

Header	Forwarded values
Accept	include
Accept-Encoding	include
Host-Header	include
User-Agent	include
Referer	include
QueryString	include
Cookie	include
Header	include
Body	include

The 'Forward to target group' section shows two target groups: 'MOVIES-BLUE' and 'MOVIES-GREEN'. The traffic distribution is set to 100% to 'MOVIES-BLUE'. The 'Target group stickiness' is set to 'Off'. The 'Actions' section includes a 'Save changes' button.

Screenshot of the AWS Cloud Console showing the configuration of an Application Load Balancer (ALB) listener.

The URL in the browser is: ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ELBLListenerV2:loadBalancerArn=arn:aws:elasticloadbalancing:ap-south-1:707188165617:listener/app/APPLB01/8d629f2a835db873/2bf3457d204b8429

The page title is: HTTP:80 listener - APPLB01 - EC2 - AWS Management Console

**HTTP:80** (Info)

**Details**

A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.

**Protocol:Port**: HTTP:80

**Load balancer**: APPLB01

**Default actions**:

- Forward to target group HOME-TG5: 1 (100%)

Target group stickiness: Off

**Listener ARN**: arn:aws:elasticloadbalancing:ap-south-1:707188165617:listener/app/APPLB01/8d629f2a835db873/2bf3457d204b8429

**Rules** (2) (Info)

Traffic received by the listener is routed according to the default action and any additional rules. Rules are evaluated in priority order from the lowest value to the highest.

**Actions** | **Add rule**

**CloudShell** | **Feedback** | **Console Mobile App**

© 2026, Amazon Web Services, Inc. or its affiliates. | **Privacy** | **Terms** | **Cookie preferences**

25°C | ENG | 11:51 | 28-01-2026

