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Amazon S3

Amazon S3

General purpose buckets

Directory buckets

Table buckets

Vector buckets [Preview](#)

Access Grants

Access Points (General Purpose Buckets, FSx file systems)

Access Points (Directory Buckets)

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

Dashboards

Storage Lens groups

AWS Organizations settings

General purpose buckets All AWS Regions Directory buckets

General purpose buckets (1) [Info](#)

[Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	Creation date
awsbalaji-project01	US East (N. Virginia) us-east-1	July 24, 2025, 10:33:33 (UTC+05:30)

▶ Account snapshot [Info](#)

Updated daily

[View dashboard](#)

Storage Lens provides visibility into storage usage and activity trends.

▶ External access summary - new [Info](#)

Updated daily

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

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Amazon S3 > Buckets > awsbalaji-project01

awsbalaji-project01 Info

Objects Metadata Properties Permissions Metrics Management Access Points

Objects (1) Copy S3 URI Copy URL Download Open Delete Actions Create folder Upload

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

Find objects by prefix < 1 > ⚙️

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	index.html	html	July 24, 2025, 10:35:49 (UTC+05:30)	3.3 KB	Standard

General purpose buckets

- Directory buckets
- Table buckets
- Vector buckets [Preview](#)
- Access Grants
- Access Points (General Purpose Buckets, FSx file systems)
- Access Points (Directory Buckets)
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

- Dashboards
- Storage Lens groups
- AWS Organizations settings

AWS AWS Console Home Search [Alt+S] United States (N. Virginia) BALAJI @ 1134-6208-4621

VPC Your VPCs

VPC dashboard < Last updated less than a minute ago Actions Create VPC

EC2 Global View Filter by VPC

Virtual private cloud

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

Security

- Network ACLs
- Security groups

Your VPCs (3) Info

Find VPCs by attribute or tag

<input type="checkbox"/> Name	VPC ID	State	Block Public...	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/> -	vpc-0604337cda30e3eda	Available	Off	172.31.0.0/16	-
<input type="checkbox"/> my-vpc-098	vpc-09fdac2e8e2788e42	Available	Off	10.0.0.0/16	-
<input type="checkbox"/> my-vpc-02	vpc-0525ea8173ebad6b7	Available	Off	10.0.0.0/16	-

Select a VPC above

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Elastic File System

File systems Access points AWS Backup AWS DataSync AWS Transfer Documentation

Amazon EFS > File systems

File systems (2)

C View details Delete Create file system

Filter by property values

Name	File system ID	Encrypted	Total size	Size in Standard	Size in IA	Size in Archive	Provisioned Throughput (MiB/s)
awsproject-09	fs-09e077e8f757f8468	Encrypte d	6.00 KiB	6.00 KiB	0 Bytes	0 Bytes	-
awsbalaji-project02	fs-0d9b63f0f3a20cf21	Encrypte d	6.00 KiB	6.00 KiB	0 Bytes	0 Bytes	-

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EC2 Instances

Instances (2) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
	i-0215374643b88723c	Running	m1.small	2/2 checks passed	View alarms	us-east-1a	-
awsbalaji-proj...	i-0aac59c9ec1b19309	Running	t2.micro	2/2 checks passed	View alarms	us-east-1a	ec2-3-81-207

Select an instance

EC2 Instances

- Dashboard
- EC2 Global View
- Events
- Instances
 - Instances
 - Instance Types
 - Launch Templates
 - Spot Requests
 - Savings Plans
 - Reserved Instances
 - Dedicated Hosts
 - Capacity Reservations
- Images
 - AMIs
 - AMI Catalog
- Elastic Block Store
 - Volumes
 - Snapshots
 - Lifecycle Manager



EXPLORE DOCS

- Installing And Using NGINX On AlmaLinux 8
- [Installing And Using NGINX On Ubuntu 20.04](#)
- Installing NGINX On CentOS 8
- Installing NGINX On Debian 10
- Installing NGINX On Ubuntu 18.04
- Pros And Cons Of Configuring A Load Balancer For Sticky Sessions
- Serve PHP With PHP-FPM And NGINX
- The Ultimate Web Servers List: 11 Popular Web Server To Use Today
- Use NGINX As A Reverse Proxy
- See All 68 NGINX Guides

Squid Proxy/Cache

Website Guides

Reference Architectures

Search Linode

Docs Home > Guides > Web Server Guides > NGINX

Installing and Using NGINX on Ubuntu 20.04

Published July 9, 2021 by [Nathaniel Stickman](#)



This guide was written for Ubuntu 20.04. Other distributions are available:

Ubuntu 20.04

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ON THIS PAGE

- Before You Begin
- Install NGINX
- Manage NGINX
- Use NGINX
- NGINX Configuration
- Launch the Site
- Conclusion





```
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.14.0-1009-aws x86_64)
```

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

```
System information as of Fri Jul 25 07:51:18 UTC 2025
```

```
System load: 0.0          Processes:           117
Usage of /: 37.6% of 6.71GB  Users logged in:      0
Memory usage: 22%          IPv4 address for enX0: 10.0.254.161
Swap usage:  0%
```

```
Expanded Security Maintenance for Applications is not enabled.
```

```
Updates can be applied immediately.
```

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

```
Last login: Fri Jul 25 07:27:46 2025 from 18.206.107.29
ubuntu@ip-10-0-254-161:~$ sudo apt update
get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [163 kB]
```

```
ubuntu@ip-10-0-254-161:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nginx is already the newest version (1.24.0-2ubuntu7.4).
The following packages were automatically installed and are no longer required:
  galera-4 libcgi-fast-perl libcgi-pm-perl libclone-perl libconfig-inifiles-perl libdbd-mysql-perl libdbi-perl libencode-locale-perl libfcgi-bin libfcgi-perl
  libfcgi0t64 libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmariadb3
  libmysqlclient21 libsnappy1v5 libtimageate-perl liburi-perl liburing2 mariadb-common mariadb-server-core pv socat
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.
ubuntu@ip-10-0-254-161:~$
```



```
ubuntu@ip-10-0-254-161:~$ ls -l /var/www/instant13.shop
total 0
ubuntu@ip-10-0-254-161:~$ echo "<h1>Hello from instant13.shop!</h1>" | sudo tee /var/www/instant13.shop/index.html
-bash: !: event not found
ubuntu@ip-10-0-254-161:~$ sudo systemctl reload nginx
ubuntu@ip-10-0-254-161:~$ sudo vi index.html
ubuntu@ip-10-0-254-161:~$ sudo nano /var/www/instant13.shop/index.html
ubuntu@ip-10-0-254-161:~$ sudo nano /etc/nginx/sites-available/instant13.shop
ubuntu@ip-10-0-254-161:~$ sudo ln -s /etc/nginx/sites-available/instant13.shop /etc/nginx/sites-enabled/
ubuntu@ip-10-0-254-161:~$ sudo nginx -t
sudo systemctl reload nginx
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
ubuntu@ip-10-0-254-161:~$ ls -l /var/www/instant13.shop/index.html
-rw-r--r-- 1 root root 192 Jul 25 05:14 /var/www/instant13.shop/index.html
ubuntu@ip-10-0-254-161:~$ sudo nano /etc/nginx/sites-available/instant13.shop
ubuntu@ip-10-0-254-161:~$ sudo nginx -t
sudo systemctl restart nginx
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
ubuntu@ip-10-0-254-161:~$ sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport
  fs-0d9b63f0f3a20cf21.efs.us-east-1.amazonaws.com:/ /var/www/html/
ubuntu@ip-10-0-254-161:~$ df -h
Filesystem              Size  Used Avail Use% Mounted on
/dev/root                6.8G  2.9G  3.9G  43% /
tmpfs                   479M    0  479M   0% /dev/shm
tmpfs                   192M  924K  191M   1% /run
tmpfs                   5.0M    0  5.0M   0% /run/lock
/dev/xvda16               881M  211M  609M  26% /boot
/dev/xvda15               105M  6.2M  99M   6% /boot/efi
fs-0d9b63f0f3a20cf21.efs.us-east-1.amazonaws.com:/  8.0E    0  8.0E   0% /var/www/html
tmpfs                     96M   12K   96M   1% /run/user/1000
ubuntu@ip-10-0-254-161:~$ 
Broadcast message from root@ip-10-0-254-161 (Fri 2025-07-25 05:48:55 UTC):
```

```
ubuntu@ip-10-0-254-161:~$ df -h
Filesystem                                Size  Used  Avail Use% Mounted on
/dev/root                                 6.8G  2.6G  4.2G  38% /
tmpfs                                     479M    0  479M   0% /dev/shm
tmpfs                                     192M  928K  191M   1% /run
tmpfs                                     5.0M    0  5.0M   0% /run/lock
/dev/xvda16                                881M  149M  671M  19% /boot
/dev/xvda15                                105M  6.2M   99M   6% /boot/efi
fs-0d9b63f0f3a20cf21.efs.us-east-1.amazonaws.com:/  8.0E    0  8.0E   0% /var/www/html
tmpfs                                     96M   12K   96M   1% /run/user/1000
ubuntu@ip-10-0-254-161:~$
```

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Aurora and RDS > Databases

Databases (5)

Filter by databases

DB identifier Status Role Engine Region ... Size

	DB identifier	Status	Role	Engine	Region ...	Size
○	database-1	Available	Instance	MySQL Co...	us-east-1c	db.t4g.micro
○	database-2	Available	Instance	MySQL Co...	us-east-1a	db.t4g.micro
○	database-3	Available	Primary	MySQL Co...	us-east-1d	db.t4g.micro
○	replicadb3	Available	Replica	MySQL Co...	us-east-1a	db.t4g.micro
○	database-4	Available	Instance	MySQL Co...	us-east-1a	db.t4g.micro

Group resources [Modify](#) Actions [Create database](#)

Dashboard Databases Query editor Performance insights Snapshots Exports in Amazon S3 Automated backups Reserved instances Proxies Subnet groups Parameter groups Option groups Custom engine versions Zero-ETL integrations [New](#)

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EC2 > AMIs

Amazon Machine Images (AMIs) (1) Info

Owned by me Find AMI by attribute or tag

Name	AMI name	AMI ID	Source	Owner	Visibility
	projectaws-02	ami-09c1ee297c2e03ad5	113462084621/projectaws-02	113462084621	Private

Select an AMI

EC2 Instances Images Elastic Block Store

Dashboard EC2 Global View Events Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager

AWS CloudFront Distributions

Distributions (1)

ID	Status	Description	Type	Domain name	Alternate names	Origins	Last modified
E2L400N1WE7ISC	Enabled	-	Standard	d36t9d9...	-	awsbalaji-project0'	July 25, 2025...

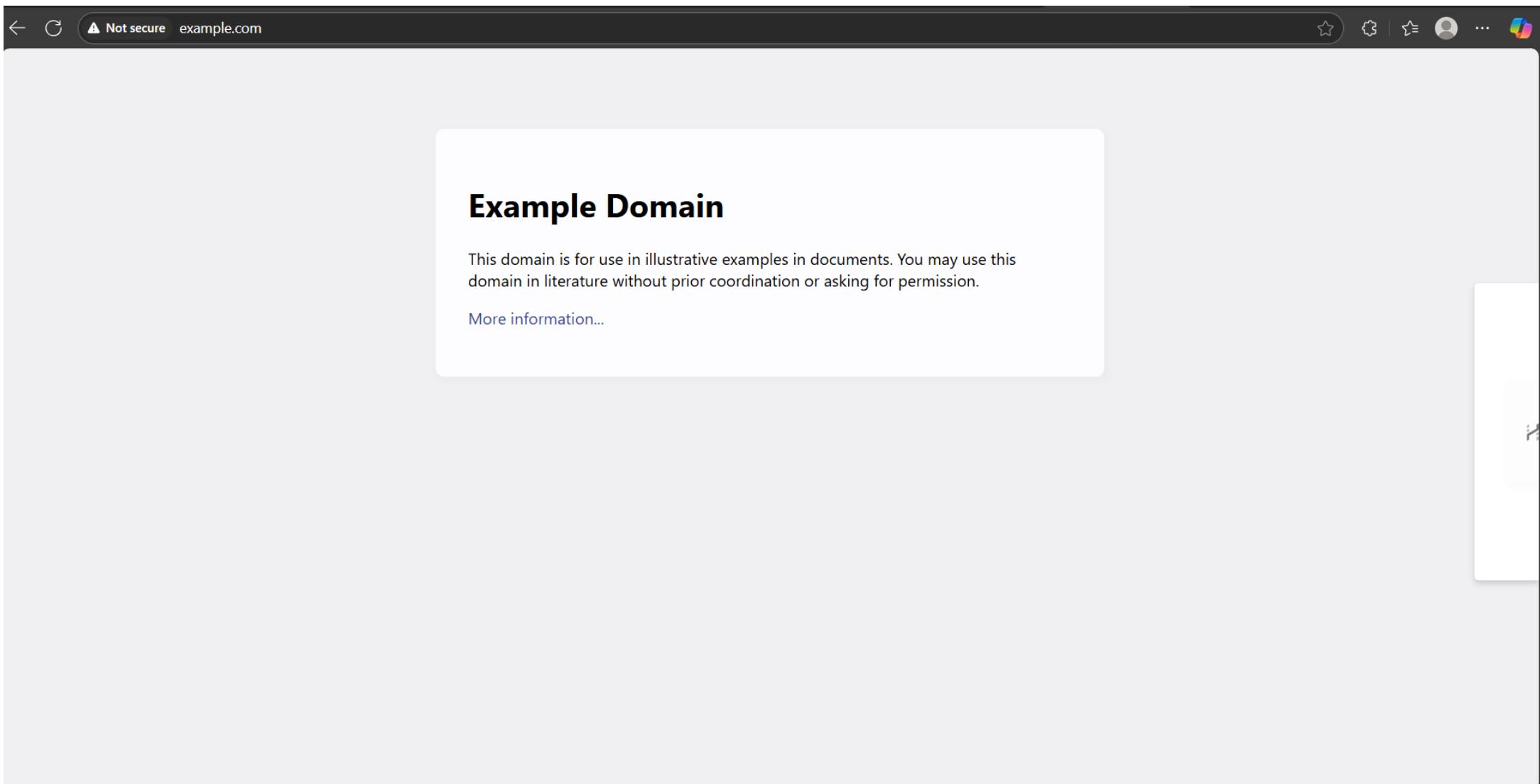
Actions: Enable, Disable, Delete, Create distribution

CloudFront Distributions Policies Functions Static IPs VPC origins What's new

SaaS Multi-tenant distributions Distribution tenants

Telemetry Monitoring Alarms Logs

Reports & analytics Cache statistics Popular objects Top referrers Usage Viewers



Hello from your Ubuntu server!

This page is served by NGINX on EC2.