

GIT AND GITHUB

Git instance launching.

The screenshot shows the AWS EC2 Instances page. A green notification bar at the top indicates "Successfully initiated termination (deletion) of i-00652e8b65d1f33aa". The main table lists one instance: "slavejenkins" (Instance ID: i-02127660e878e5920), which is currently stopped. The "Actions" dropdown menu for this instance includes options like "Launch instances", "Stop", "Start", "Reboot", "Terminate", and "Delete". Other tabs in the navigation include "Dashboard", "AWS Global View", "Events", "Instances", "Images", and "CloudShell". The status bar at the bottom shows the date as 07-10-2025 and the time as 15:16.

The screenshot shows the AWS EC2 "Launch an instance" page. A blue banner at the top provides a walkthrough for new users, with buttons for "Take a walkthrough" and "Do not show me this message again.". The main form is titled "Launch an instance" and contains fields for "Name and tags" (with a placeholder "e.g. My Web Server" and a "Add additional tags" button), "Application and OS Images (Amazon Machine Image)" (with a note about AMIs containing operating systems and applications, and a "Browse more AMIs" link), and "Summary" (which shows 1 instance being launched, using the Amazon Linux 2023 AMI 2023.9.2, t3.micro instance type, and a New security group). The status bar at the bottom shows the date as 07-10-2025 and the time as 15:17.

The screenshot shows the 'Launch an instance' wizard on the AWS EC2 console. The current step is 'Set instance details'. A blue banner at the top provides a walkthrough for new users. The main form includes fields for 'Name and tags' (Name: git) and 'Application and OS Images (Amazon Machine Image)' (Software Image (AMI): Amazon Linux 2023 AMI 2023.9.2...). On the right, a summary panel shows 1 instance, the selected AMI, instance type t3.micro, and a new security group. The bottom navigation bar includes CloudShell, Feedback, and various system icons.

The screenshot shows the 'Launch an instance' wizard on the AWS EC2 console. The current step is 'Choose instance type'. It displays a catalog of application and OS images, with 'Ubuntu' selected. Below it, the 'Amazon Machine Image (AMI)' section shows 'Ubuntu Server 24.04 LTS (HVM), SSD Volume Type' as the chosen image. The summary panel on the right remains the same as the previous step. The bottom navigation bar includes CloudShell, Feedback, and various system icons.

The screenshot shows the AWS EC2 console with the URL ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances. The page is titled "Launch an instance".

Key pair (login): A dropdown menu for selecting a key pair, currently set to "github". There is also a "Create new key pair" button.

Network settings: Shows the selected VPC as "vpc-00910cd11628d4355" and the subnet as "No preference (Default subnet in any availability zone)". The "Auto-assign public IP" option is enabled.

Summary: Shows 1 instance being launched. The software image (AMI) is "Canonical, Ubuntu, 24.04, amd64...". The virtual server type (instance type) is "t3.micro". The firewall (security group) is "New security group".

Buttons: "Cancel", "Launch instance", and "Preview code".

The screenshot shows the AWS EC2 console with the same URL as the previous screenshot. The "Configure storage" section is active, showing a root volume of 8 GiB using the gp3 volume type. The volume is described as "Root volume, 3000 IOPS, Not encrypted".

Advanced: A link to change storage options.

Add new volume: A button to add additional storage volumes.

Message: A note stating that the selected AMI contains instance store volumes, but the instance does not allow any instance store volumes. It also mentions that none of the instance store volumes from the AMI will be accessible from the instance.

Backup information: A note with a refresh icon and the text "Click refresh to view backup information". It also mentions tags assigned to the instance.

File systems: A section showing 0 file systems.

Advanced details: A link to view more detailed storage configurations.

Summary: The same summary information as the first screenshot is present.

Buttons: "Cancel", "Launch instance", and "Preview code".

The screenshot shows the AWS EC2 'Launch an instance' page. A green success message at the top states: 'Successfully initiated launch of instance (i-067fe068cc08dbc29)'. Below this, there's a 'Launch log' section and a 'Next Steps' summary card. The summary card includes links for 'Create billing usage alerts', 'Connect to your instance', 'Connect an RDS database', and 'Create EBS snapshot policy'. At the bottom, there are links for 'CloudShell' and 'Feedback'.

Git instance connecting.

The screenshot shows the AWS EC2 'Instances' page. The left sidebar is expanded to show 'Instances' under 'EC2'. The main area displays a table of instances. One instance, 'git' (Instance ID: i-067fe068cc08dbc29), is selected and shown in detail below the table. The instance details include its Public IPv4 address (13.126.232.131) and Private IPv4 addresses (172.31.33.59). The status of this instance is 'Running'.

```
Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 EC2 Instance Connect | ap-south-1 + Instances | EC2 | ap-south-1 ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-067fe068cc08dbc... Account ID: 7381-3830-8105 Nazreen Taj

0 updates can be applied immediately.

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

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

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.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-33-59:~$ i-067fe068cc08dbc29 (git)
Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

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```

```
Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 Instances | EC2 | ap-south-1 ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-00652e8b65d1f3... Account ID: 7381-3830-8105 Nazreen Taj

ubuntu@ip-172-31-44-215:~$ sudo apt update
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 kB]
Get:13 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1486 kB]
Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [286 kB]
Get:15 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.3 kB]
Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1487 kB]
Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [300 kB]
Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [378 kB]
Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [31.1 kB]

i-00652e8b65d1f3aa (git)
Public IPs: 13.233.27.3 Private IPs: 172.31.44.215

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```

```
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ubuntu@ip-172-31-44-215:~$ sudo apt install git -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.3).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 41 not upgraded.
ubuntu@ip-172-31-44-215:~$ i-00652e8b65d1f3aa (git)
Public IPs: 13.233.27.3 Private IPs: 172.31.44.215

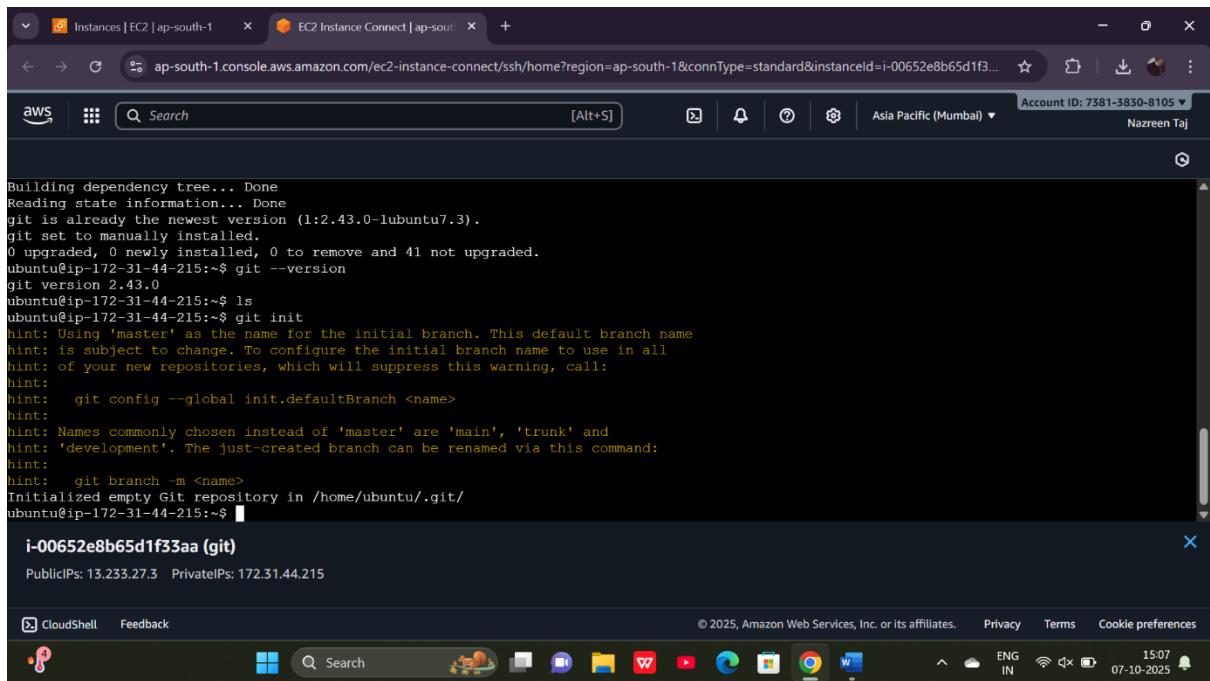
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```

```
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ubuntu@ip-172-31-44-215:~$ git --version
git version 2.43.0
ubuntu@ip-172-31-44-215:~$ i-00652e8b65d1f3aa (git)
Public IPs: 13.233.27.3 Private IPs: 172.31.44.215

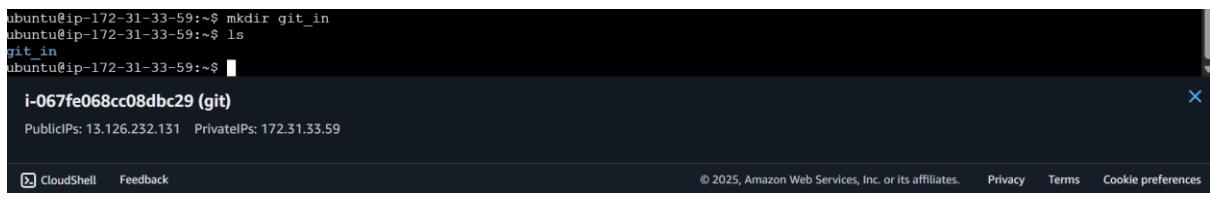
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```



```
Building dependency tree... Done
Reading state information... Done
git is already the newest version (1:2.43.0-1ubuntu7.3).
git set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 41 not upgraded.
ubuntu@ip-172-31-44-215:~$ git --version
git version 2.43.0
ubuntu@ip-172-31-44-215:~$ ls
ubuntu@ip-172-31-44-215:~$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/ubuntu/.git/
ubuntu@ip-172-31-44-215:~$
```

i-00652e8b65d1f3aa (git)

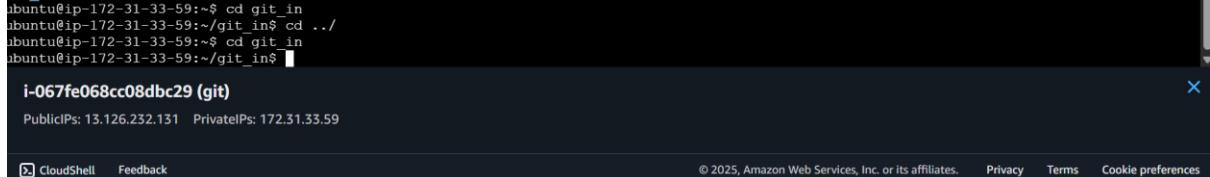
Public IPs: 13.233.27.3 Private IPs: 172.31.44.215



```
ubuntu@ip-172-31-33-59:~$ mkdir git_in
ubuntu@ip-172-31-33-59:~$ ls
git_in
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

Public IPs: 13.126.232.131 Private IPs: 172.31.33.59



```
ubuntu@ip-172-31-33-59:~$ cd git_in
ubuntu@ip-172-31-33-59:~/git_in$ cd ..
ubuntu@ip-172-31-33-59:~$ cd git_in
ubuntu@ip-172-31-33-59:~/git_in$
```

i-067fe068cc08dbc29 (git)

Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

The screenshot shows a CloudShell session on an Amazon EC2 instance. The terminal window displays the following command-line session:

```
ubuntu@ip-172-31-33-59:~$ cd git_in
ubuntu@ip-172-31-33-59:~/git_in$ cd ../
ubuntu@ip-172-31-33-59:~$ cd git_in
ubuntu@ip-172-31-33-59:~/git_in$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/ubuntu/git_in/.git/
ubuntu@ip-172-31-33-59:~/git_in$ ls -lra
total 12
drwxr-x--- 6 ubuntu ubuntu 4096 Oct  7 10:23 ..
drwxrwxr-x  3 ubuntu ubuntu 4096 Oct  7 10:26 .
drwxrwxr-x  7 ubuntu ubuntu 4096 Oct  7 10:26 .git
ubuntu@ip-172-31-33-59:~/git_in$
```

The terminal window includes the following metadata at the bottom:

i-067fe068cc08dbc29 (git)
Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

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The session continues with the following commands:

```
ubuntu@ip-172-31-33-59:~/git_in$ ls -lra .git
total 40
drwxrwxr-x  4 ubuntu ubuntu 4096 Oct  7 10:26 refs
drwxrwxr-x  2 ubuntu ubuntu 4096 Oct  7 10:26 info
drwxrwxr-x  2 ubuntu ubuntu 4096 Oct  7 10:26 hooks
-rw-rw-r--  1 ubuntu ubuntu  73 Oct  7 10:26 description
drwxrwxr-x  2 ubuntu ubuntu 4096 Oct  7 10:26 branches
drwxrwxr-x  3 ubuntu ubuntu 4096 Oct  7 10:26 ..
-rw-rw-r--  1 ubuntu ubuntu  23 Oct  7 10:26 HEAD
-rw-rw-r--  1 ubuntu ubuntu  92 Oct  7 10:26 config
drwxrwxr-x  4 ubuntu ubuntu 4096 Oct  7 10:26 objects
drwxrwxr-x  7 ubuntu ubuntu 4096 Oct  7 10:26 .
ubuntu@ip-172-31-33-59:~/git_in$
```

The terminal window includes the following metadata at the bottom:

i-067fe068cc08dbc29 (git)
Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

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The session continues with the following commands:

```
ubuntu@ip-172-31-33-59:~/git_in$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
ubuntu@ip-172-31-33-59:~/git_in$
```

The terminal window includes the following metadata at the bottom:

i-067fe068cc08dbc29 (git)
Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

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The session concludes with the following commands:

```
ubuntu@ip-172-31-33-59:~/git_in$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
ubuntu@ip-172-31-33-59:~/git_in$ touch fileA.txt
ubuntu@ip-172-31-33-59:~/git_in$ touch fileB.txt
ubuntu@ip-172-31-33-59:~/git_in$ ls
fileA.txt  fileB.txt
ubuntu@ip-172-31-33-59:~/git_in$
```

The terminal window includes the following metadata at the bottom:

i-067fe068cc08dbc29 (git)
Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/git_in$ git add .
ubuntu@ip-172-31-33-59:~/git_in$ git status
On branch master
No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:  fileA.txt
    new file:  fileB.txt

ubuntu@ip-172-31-33-59:~/git_in$ █
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
Instances | EC2 | ap-south-1 × EC2 Instance Connect | ap-south-1 × +  
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-067fe068cc08dbc29&o... ☆ :  
aws Search [Alt+S] Account ID: 7581-3830-8105 ▾ Asia Pacific (Mumbai) ▾ Nazreen Taj  
  
new file:  fileB.txt  
ubuntu@ip-172-31-33-59:~/git_in$ git commit -m "first commit"  
[master (root-commit) bd460fc] first commit  
Committer: Ubuntu <ubuntu@ip-172-31-33-59.ap-south-1.compute.internal>  
Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.  
You can suppress this message by setting them explicitly. Run the  
following command and follow the instructions in your editor to edit  
your configuration file:  
git config --global --edit  
After doing this, you may fix the identity used for this commit with:  
git commit --amend --reset-author  
2 files changed, 0 insertions(+), 0 deletions(-)  
create mode 100644 fileA.txt  
create mode 100644 fileB.txt  
ubuntu@ip-172-31-33-59:~/git_in$ █
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/git_in$ git remote add origin https://github.com/Nazreentaj/gitin.git  
ubuntu@ip-172-31-33-59:~/git_in$ █
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/git_in$ git push origin master  
Username for 'https://github.com': Nazreentaj  
Password for 'https://Nazreentaj@github.com':  
Enumerating objects: 3, done.  
Counting objects: 100% (3/3), done.  
Delta compression using up to 2 threads  
Compressing objects: 100% (2/2), done.  
Writing objects: 100% (3/3), 234 bytes | 234.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/Nazreentaj/gitin.git  
 * [new branch]  master -> master  
ubuntu@ip-172-31-33-59:~/git_in$ █
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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Nazreentaj/gitin

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

gitin Public

master 1 Branch 0 Tags

Ubuntu first commit bd460fc - 12 minutes ago 1 Commit

fileA.txt first commit 12 minutes ago

fileB.txt first commit 12 minutes ago

README

Add a README

Help people interested in this repository understand your project by adding a README.

About

No description, website, or topics provided.

Activity 0 stars 0 watching 0 forks

Releases

No releases published Create a new release

Packages

No packages published

```
ubuntu@ip-172-31-33-59:~/git_in$ git clone https://github.com/Nazreentaj/gitin.git
Cloning into 'gitin'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
ubuntu@ip-172-31-33-59:~/git_in$
```

i-067fe068cc08dbc29 (git)

PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/git_in$ git pull https://github.com/Nazreentaj/gitin.git
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 214 bytes | 214.00 KiB/s, done.
From https://github.com/Nazreentaj/gitin
 * branch HEAD      -> FETCH_HEAD
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/git_in$ cd
ubuntu@ip-172-31-33-59:~$ mkdir clonerepo
ubuntu@ip-172-31-33-59:~$ cd clonerepo
ubuntu@ip-172-31-33-59:~/clonerepo$ git clone https://github.com/Nazreentaj/gitin.git
Cloning into 'gitin'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
ubuntu@ip-172-31-33-59:~/clonerepo$
```

i-067fe068cc08dbc29 (git)

PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/clonerepo$ cd gitin
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$ ls -ltr
total 0
-rw-rw-r-- 1 ubuntu ubuntu 0 Oct  7 11:42 fileB.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 Oct  7 11:42 fileA.txt
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$ ls -ltra
total 12
drwxrwxr-x 3 ubuntu ubuntu 4096 Oct  7 11:42 ..
-rw-rw-r-- 1 ubuntu ubuntu 0 Oct  7 11:42 fileB.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 Oct  7 11:42 fileA.txt
drwxrwxr-x 3 ubuntu ubuntu 4096 Oct  7 11:42 .
drwxrwxr-x 8 ubuntu ubuntu 4096 Oct  7 11:42 .git
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$ git status
On branch master
Your branch is up to date with 'origin/master'.

nothing to commit, working tree clean
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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```
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$ cd .. / .. / git_in
-bash: cd: too many arguments
ubuntu@ip-172-31-33-59:~/clonerepo/gitin$ cd .. / .. / git_in/
ubuntu@ip-172-31-33-59:~/git_in$ touch file3.txt
ubuntu@ip-172-31-33-59:~/git_in$ git add .
warning: adding embedded git repository: gitin
hint: You've added another git repository inside your current repository.
hint: Clones of the outer repository will not contain the contents of
hint: the embedded repository and will not know how to obtain it.
hint: If you meant to add a submodule, use:
hint:
hint: git submodule add <url> gitin
hint:
hint: If you added this path by mistake, you can remove it from the
hint: index with:
hint:
hint: git rm --cached gitin
hint:
hint: See "git help submodule" for more information.
ubuntu@ip-172-31-33-59:~/git_in$
```

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59

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ubuntu@ip-172-31-33-59:~\$ git add .
ubuntu@ip-172-31-33-59:~\$ git commit -m "second"
[master a3c8a10] second
Committer: Ubuntu <ubuntu@ip-172-31-33-59.ap-south-1.compute.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

git config --global --edit

After doing this, you may fix the identity used for this commit with:

git commit --amend --reset-author

9 files changed, 220 insertions(+)
create mode 100644 .bash_history
create mode 100644 .bash_logout
create mode 100644 .bashrc
create mode 100644 .cache/motd.legal-displayed

```
ubuntu@ip-172-31-33-59:~$ git commit -m "second"
[master 1820bf8] second
Committer: Ubuntu <ubuntu@ip-172-31-33-59.ap-south-1.compute.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

2 files changed, 6 insertions(+)
create mode 100644 fileC.txt
ubuntu@ip-172-31-33-59:~$ █

i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59
```

```
ubuntu@ip-172-31-33-59: ~ % git remote add origin https://github.com/Nazreentaj/gitin.git
ubuntu@ip-172-31-33-59: ~ % git push origin master
Username for 'https://github.com': Nazreentaj
Password for 'https://Nazreentaj@github.com':
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 2 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (13/13), 3.81 KiB | 3.81 MiB/s, done.
Total 13 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/Nazreentaj/gitin.git
 bd460fc..1820fb8 master -> master
ubuntu@ip-172-31-33-59: ~ %
```

```
ubuntu@ip-172-31-33-59:~$ ls -ltr
total 8
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 11:39 fileB.txt
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 11:39 fileA.txt
drwxrwxr-x 3 ubuntu ubuntu 4096 Oct  7 11:42 clonerepo
drwxrwxr-x 4 ubuntu ubuntu 4096 Oct  7 11:52 git_in
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 13:10 fileC.txt
ubuntu@ip-172-31-33-59:~$ █
```

i-067fe068cc08dbc29 (git)

Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

```
ubuntu@ip-172-31-33-59:~$ git pull https://
ubuntu@ip-172-31-33-59:~$ git pull https://github.com/Nazreentaj/gitin.git
From https://github.com/Nazreentaj/gitin
 * branch           HEAD      -> FETCH_HEAD
Already up to date.
ubuntu@ip-172-31-33-59:~$ ls -ltr
total 8
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 11:39 fileB.txt
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 11:39 fileA.txt
drwxrwxr-x 3 ubuntu ubuntu 4096 Oct  7 11:42 clonerepo
drwxrwxr-x 4 ubuntu ubuntu 4096 Oct  7 11:52 git_in
-rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 13:10 fileC.txt
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

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```
rw-rw-r-- 1 ubuntu ubuntu    0 Oct  7 13:10 fileC.txt
ubuntu@ip-172-31-33-59:~$ git branch featureA
ubuntu@ip-172-31-33-59:~$ git branch
* featureA
* master
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

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```
ubuntu@ip-172-31-33-59:~$ git branch featureA
ubuntu@ip-172-31-33-59:~$ git branch
* featureA
* master
ubuntu@ip-172-31-33-59:~$ git checkout featureA
M       .bash_history
M       git_in
Switched to branch 'featureA'
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

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```
ubuntu@ip-172-31-33-59:~$ git branch
* featureA
* master
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

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```
master
ubuntu@ip-172-31-33-59:~$ git log
commit bd460fc47e8ad78123304fe5b18a1b3aa805c295
Author: Ubuntu <ubuntu@ip-172-31-33-59.ap-south-1.compute.internal>
Date:   Tue Oct 7 10:34:26 2025 +0000

        first commit
ubuntu@ip-172-31-33-59:~$
```

i-067fe068cc08dbc29 (git)

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Git log

Public IPs: 13.126.232.131 Private IPs: 172.31.33.59

Git merge.

```
ubuntu@ip-172-31-33-59:~$ git merge featureA
Already up to date.
ubuntu@ip-172-31-33-59:~$ █
i-067fe068cc08dbc29 (git)
PublicIPs: 13.126.232.131 PrivateIPs: 172.31.33.59
```