

Services

Search

[Alt+S]

▼ Instance type [Info](#)

Instance type

t2.micro

Family: t2, 1 vCPU, 1 GB Memory

On-Demand Windows pricing: 0.0198 USD per Hour

On-Demand SUSE pricing: 0.0152 USD per Hour

On-Demand RHEL pricing: 0.0752 USD per Hour

On-Demand Linux pricing: 0.0152 USD per Hour

Free tier eligible

▼

[Compare instance types](#)

▼ Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required

vinay

▼

[Create new key pair](#)

▼ Network settings [Info](#)

VPC - required [Info](#)

vpc-016c48806b34a9d67

172.31.0.0/16

(default) ▼

[Create](#)

▼ Summary

Number of instances [Info](#)

1

Software image (AMI)

Amazon Linux 2023 AMI 2023.0.2...[read more](#)

ami-067871d950411e643

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

❗ Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GiB of

×

Cancel

[Launch instance](#)

Launch an instance | EC2 Manag... x +

← → ↺ ap-northeast-1.console.aws.amazon.com/ec2/home?region=ap-northeast-1#LaunchInstances:

AWS Services Search [Alt+S]

▼ Network settings Info

VPC - required Info
vpc-016c48806b34a9d67 (default) ↻

Subnet Info
No preference ▼ ↻ Create new subnet

Auto-assign public IP Info
Enable ▼

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group

Security group name - required
all_traffic

Description - required Info
launch-wizard-6 created 2023-03-23T05:43:29.427Z

Inbound security groups rules
▼ Security group rule 1 (All, All, 0.0.0.0/0)

Remove

▼ Summary

Number of instances Info
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.0.2...read more
ami-067871d950411e643

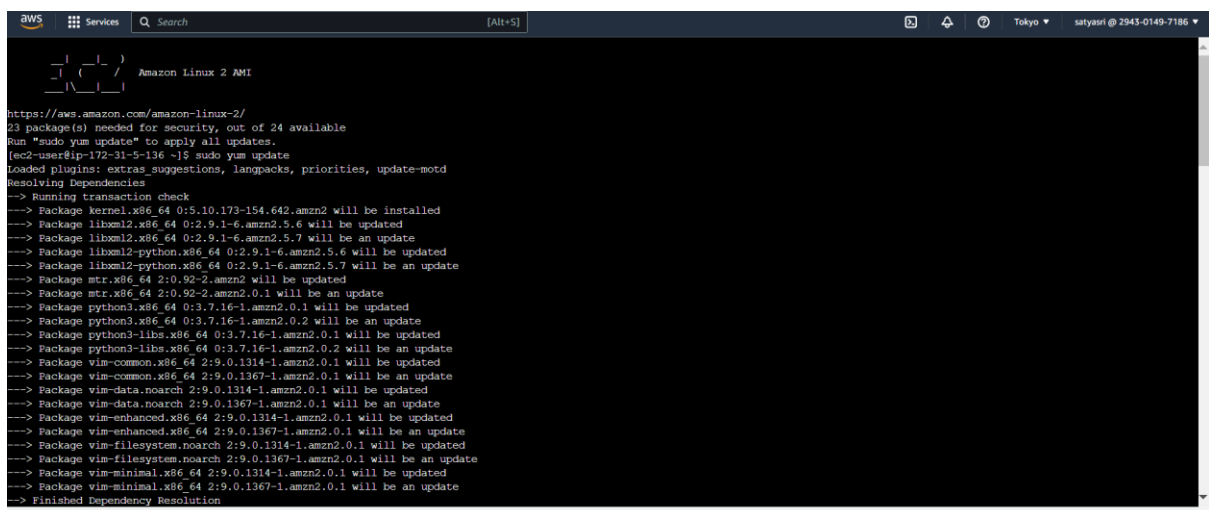
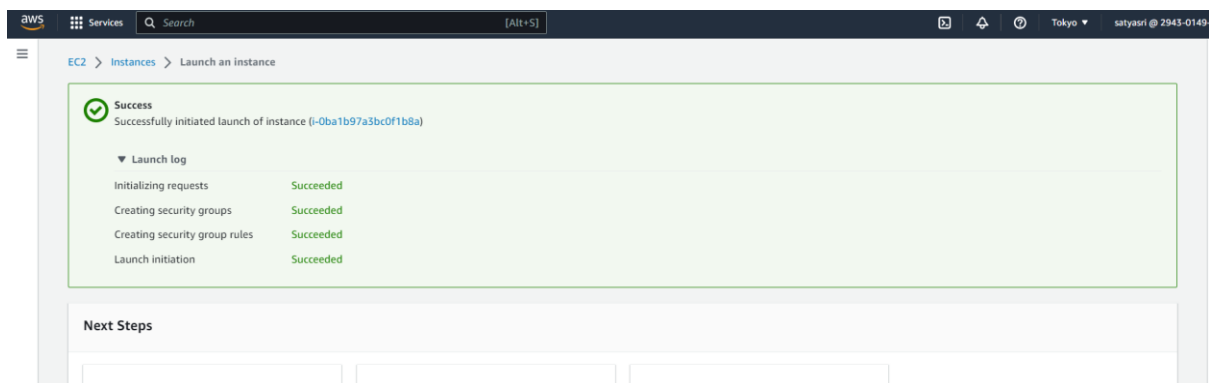
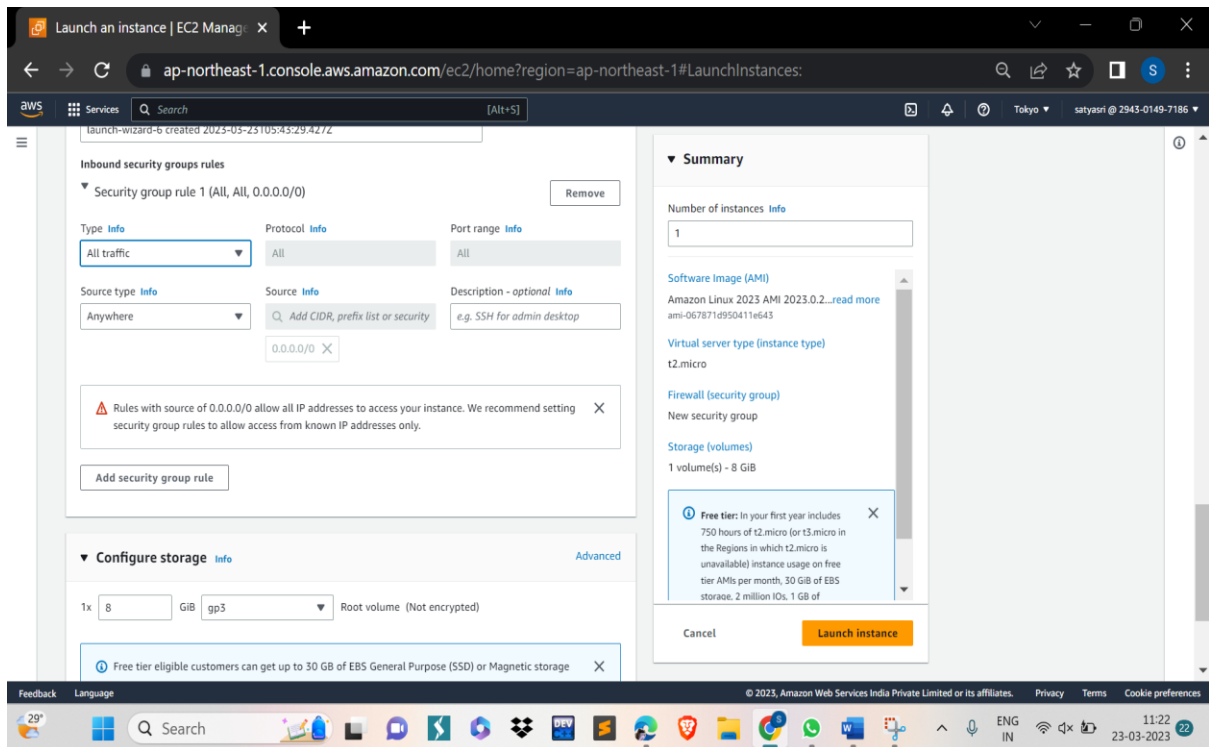
Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

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

Free tier: In your first year includes
750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million I/Os, 1 GB of

Cancel Launch instance



```
aws Services Q Search [Alt+S] Tokyo satyasri @ 2943-0149-7186

Dependencies Resolved

Package Arch Version Repository Size
Installing:
kernel x86_64 5.10.173-154.642.amzn2 amzn2extra-kernel-5.10 33 M
Updating:
libxml2 x86_64 2.9.1-6.amzn2.5.7 amzn2-core 661 k
libxml2-python x86_64 2.9.1-6.amzn2.5.7 amzn2-core 246 k
mtr x86_64 2.0.92-2.amzn2.0.1 amzn2-core 89 k
python3 x86_64 3.7.16-1.amzn2.0.2 amzn2-core 72 k
python3-libs x86_64 3.7.16-1.amzn2.0.2 amzn2-core 9.8 M
vim-common x86_64 2.9.0.1367-1.amzn2.0.1 amzn2-core 7.9 M
vim-data noarch 2.9.0.1367-1.amzn2.0.1 amzn2-core 79 k
vim-enhanced x86_64 2.9.0.1367-1.amzn2.0.1 amzn2-core 1.6 M
vim-filesystem noarch 2.9.0.1367-1.amzn2.0.1 amzn2-core 73 k
vim-minimal x86_64 2.9.0.1367-1.amzn2.0.1 amzn2-core 742 k

Transaction Summary
Install 1 Package
Upgrade 10 Packages

Total download size: 54 M
Is this ok [y/d/N]: y
Downloading packages:
Delta RPMs disabled because /usr/bin/applydeltarpm not installed.
(1/11): libxml2-2.9.1-6.amzn2.5.7.x86_64.rpm | 661 kB 00:00:00
(2/11): libxml2-python-2.9.1-6.amzn2.5.7.x86_64.rpm | 246 kB 00:00:00
(3/11): python3-3.7.16-1.amzn2.0.1.x86_64.rpm | 72 kB 00:00:00
(4/11): mtr-0.92-2.amzn2.0.1.x86_64.rpm | 89 kB 00:00:00
(5/11): python3-libs-3.7.16-1.amzn2.0.2.x86_64.rpm | 9.8 MB 00:00:00
(6/11): vim-common-9.0.1367-1.amzn2.0.1.x86_64.rpm | 7.9 MB 00:00:00
```

```
aws Services Q Search [Alt+S] Tokyo satyasri @ 2943-0149-7186

Total 77 MB/s | 54 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Updating : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 1/21
  Updating : python3-libs-3.7.16-1.amzn2.0.2.x86_64 2/21
  Updating : python3-3.7.16-1.amzn2.0.2.x86_64 3/21
  Updating : libxml2-2.9.1-6.amzn2.5.7.x86_64 4/21
  Updating : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 5/21
  Updating : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 6/21
  Updating : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 7/21
  Updating : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 8/21
  Updating : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 9/21
  Updating : 2:mtr-0.92-2.amzn2.0.1.x86_64 10/21
  Installing : kernel-5.10.173-154.642.amzn2.x86_64 11/21
  Cleanup : python3-libs-3.7.16-1.amzn2.0.1.x86_64 12/21
  Cleanup : python3-3.7.16-1.amzn2.0.1.x86_64 13/21
  Cleanup : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
  Cleanup : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 15/21
  Cleanup : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 16/21
  Cleanup : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 17/21
  Cleanup : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 18/21
  Cleanup : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 19/21
  Cleanup : libxml2-2.9.1-6.amzn2.5.6.x86_64 20/21
  Cleanup : 2:mtr-0.92-2.amzn2.x86_64 21/21
  Verifying : python3-3.7.16-1.amzn2.0.2.x86_64 1/21
  Verifying : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 2/21
  Verifying : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 3/21
  Verifying : kernel-5.10.173-154.642.amzn2.x86_64 4/21
  Verifying : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 5/21
  Verifying : python3-libs-3.7.16-1.amzn2.0.2.x86_64 6/21
  Verifying : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 7/21
```

```
aws Services Q Search [Alt+S] Tokyo satyasri @ 2943-0149-7186

Complete!
(sat-user@ip-172-31-5-136 ~)$ sudo yum install node.js
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No package node.js available.
Resolving Dependencies
--> Running transaction check
--> Package js.x86_64 1:1.8.5-20.amzn2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

Package Arch Version Repository Size
Installing:
js x86_64 1:1.8.5-20.amzn2 amzn2-core 2.4 M

Transaction Summary
Install 1 Package

Total download size: 2.4 M
Installed size: 7.0 M
Is this ok [y/d/N]: y
Downloading packages:
js-1.8.5-20.amzn2.x86_64.rpm | 2.4 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 1:js-1.8.5-20.amzn2.x86_64 1/1
  Verifying : 1:js-1.8.5-20.amzn2.x86_64 1/1
```

```
Complete!
[ec2-user@ip-172-31-5-136 ~]$ curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash
  % Total    % Received % Xferd Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total   Spent    Left   Speed
100 15916  100 15916    0     0 59312      0 --:--:-- --:--:-- --:--:-- 59167
=> Downloading nvm as script to '/home/ec2-user/.nvm'

=> Appending nvm source string to /home/ec2-user/.bashrc
=> Appending bash_completion source string to /home/ec2-user/.bashrc
=> Close and reopen your terminal to start using nvm or run the following to use it now:

export NVM_DIR="$HOME/.nvm"
[ -s "$NVM_DIR/nvm.sh" ] && \. "$NVM_DIR/nvm.sh" # This loads nvm
[ -s "$NVM_DIR/bash_completion" ] && \. "$NVM_DIR/bash_completion" # This loads nvm bash_completion
[ec2-user@ip-172-31-5-136 ~]$ . ~/.nvm/nvm.sh
[ec2-user@ip-172-31-5-136 ~]$ nvm install --lts
Installing latest LTS version.
Downloading and installing node v18.15.0...
Downloading https://nodejs.org/dist/v18.15.0/node-v18.15.0-linux-x64.tar.xz...
##### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v18.15.0 (npm v)
Creating default alias: default -> lts/* (-> v18.15.0)
[ec2-user@ip-172-31-5-136 ~]$ nvm install 16
Downloading and installing node v16.19.1...
Downloading https://nodejs.org/dist/v16.19.1/node-v16.19.1-linux-x64.tar.xz...
##### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v16.19.1 (npm v8.19.3)
[ec2-user@ip-172-31-5-136 ~]$ node --version
v16.19.1
```

```
export NVM_DIR="$HOME/.nvm"
[ -s "$NVM_DIR/nvm.sh" ] && \. "$NVM_DIR/nvm.sh" # This loads nvm
[ -s "$NVM_DIR/bash_completion" ] && \. "$NVM_DIR/bash_completion" # This loads nvm bash_completion
[ec2-user@ip-172-31-5-136 ~]$ . ~/.nvm/nvm.sh
[ec2-user@ip-172-31-5-136 ~]$ nvm install --lts
Installing latest LTS version.
Downloading and installing node v18.15.0...
Downloading https://nodejs.org/dist/v18.15.0/node-v18.15.0-linux-x64.tar.xz...
##### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v18.15.0 (npm v)
Creating default alias: default -> lts/* (-> v18.15.0)
[ec2-user@ip-172-31-5-136 ~]$ nvm install 16
Downloading and installing node v16.19.1...
Downloading https://nodejs.org/dist/v16.19.1/node-v16.19.1-linux-x64.tar.xz...
##### 100.0%
Computing checksum with sha256sum
Checksums matched!
Now using node v16.19.1 (npm v8.19.3)
[ec2-user@ip-172-31-5-136 ~]$ node --version
v16.19.1
[ec2-user@ip-172-31-5-136 ~]$ npx create-react-app my-app
Need to install the following packages:
  create-react-app@5.0.1
Ok to proceed? (y) y
npm warn deprecated tar@2.2.2: This version of tar is no longer supported, and will not receive security updates. Please upgrade asap.

Creating a new React app in /home/ec2-user/my-app.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

! reify:typescript: GET 200 https://registry.npmjs.org/typescript/-/typescript-5.0.2.tgz 25565ms (cache miss)
```

```
added 1419 packages in 1m

231 packages are looking for funding
  run 'npm fund' for details
Git repo not initialized Error: Command failed: git --version
    at checkExecSyncError (node:child_process:861:11)
    at execSync (node:child_process:921:15)
    at tryGitInit (/home/ec2-user/my-app/node_modules/react-scripts/scripts/init.js:46:5)
    at module.exports (/home/ec2-user/my-app/node_modules/react-scripts/scripts/init.js:276:7)
    at [eval]:3:14
    at Script.runInThisContext (node:vm:129:12)
    at Object.runInThisContext (node:vm:313:38)
    at node:internal/process/execution:79:19
    at [eval]:6:22 (
      status: 127,
      signal: null,
      output: [ null, null, null ],
      pid: 7914,
      stdout: null,
      stderr: null
    )

Installing template dependencies using npm...

added 62 packages, and changed 1 package in 14s

231 packages are looking for funding
  run 'npm fund' for details
Removing template package using npm...

removed 1 package, and audited 1481 packages in 4s
```

```
removed 1 package, and audited 1481 packages in 4s
231 packages are looking for funding
  run 'npm fund' for details
6 high severity vulnerabilities

To address all issues (including breaking changes), run:
  npm audit fix --force

Run 'npm audit' for details.

Success! Created my-app at /home/ec2-user/my-app
Inside that directory, you can run several commands:

  npm start
    Starts the development server.

  npm run build
    Bundles the app into static files for production.

  npm test
    Starts the test runner.

  npm run eject
    Removes this tool and copies build dependencies, configuration files
    and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

  cd my-app
  npm start
```

```
awscli
[ec2-user@ip-172-31-5-136 ~]$ sudo yum install git
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core                                     | 3.7 kB  00:00:00
Resolving Dependencies
--> Running transaction check
--> Package git.x86_64 0:2.39.2-1.amzn2.0.1 will be installed
--> Processing Dependency: perl-Git = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: git-core-doc = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: git-core = 2.39.2-1.amzn2.0.1 for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Term::ReadKey) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Git::T18N) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Processing Dependency: perl(Git) for package: git-2.39.2-1.amzn2.0.1.x86_64
--> Running transaction check
--> Package git-core.x86_64 0:2.39.2-1.amzn2.0.1 will be installed
--> Package git-core-doc.noarch 0:2.39.2-1.amzn2.0.1 will be installed
--> Package perl-Git.noarch 0:2.39.2-1.amzn2.0.1 will be installed
--> Processing Dependency: perl(Error) for package: perl-Git-2.39.2-1.amzn2.0.1.noarch
--> Package perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2 will be installed
--> Running transaction check
--> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

Package Arch Version Repository Size
--
Installing:
git x86_64 2.39.2-1.amzn2.0.1 amzn2-core 65 k
Installing for dependencies:
git-core x86_64 2.39.2-1.amzn2.0.1 amzn2-core 8.8 M
git-core-doc noarch 2.39.2-1.amzn2.0.1 amzn2-core 3.0 M
perl-Error noarch 1:0.17020-2.amzn2 amzn2-core 32 k
```

```
awscli
Installed size: 43 M
Is this ok [y/d/N]: y
Downloading packages:
(1/6): git-2.39.2-1.amzn2.0.1.x86_64.rpm | 65 kB 00:00:00
(2/6): git-core-doc-2.39.2-1.amzn2.0.1.noarch.rpm | 3.0 MB 00:00:00
(3/6): git-core-2.39.2-1.amzn2.0.1.x86_64.rpm | 8.8 MB 00:00:00
(4/6): perl-Error-0.17020-2.amzn2.noarch.rpm | 32 kB 00:00:00
(5/6): perl-Git-2.39.2-1.amzn2.0.1.noarch.rpm | 41 kB 00:00:00
(6/6): perl-TermReadKey-2.30-20.amzn2.0.2.x86_64.rpm | 31 kB 00:00:00
Total 39 MB/s | 12 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : git-core-2.39.2-1.amzn2.0.1.x86_64 1/6
Installing : git-core-doc-2.39.2-1.amzn2.0.1.noarch 2/6
Installing : 1:perl-Error-0.17020-2.amzn2.noarch 3/6
Installing : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64 4/6
Installing : perl-Git-2.39.2-1.amzn2.0.1.noarch 5/6
Installing : git-2.39.2-1.amzn2.0.1.x86_64 6/6
Verifying : perl-TermReadKey-2.30-20.amzn2.0.2.x86_64 1/6
Verifying : perl-Git-2.39.2-1.amzn2.0.1.noarch 2/6
Verifying : git-core-doc-2.39.2-1.amzn2.0.1.noarch 3/6
Verifying : git-core-2.39.2-1.amzn2.0.1.x86_64 4/6
Verifying : 1:perl-Error-0.17020-2.amzn2.noarch 5/6
Verifying : git-2.39.2-1.amzn2.0.1.x86_64 6/6

Installed:
git.x86_64 0:2.39.2-1.amzn2.0.1

Dependency Installed:
git-core.x86_64 0:2.39.2-1.amzn2.0.1 git-core-doc.noarch 0:2.39.2-1.amzn2.0.1 perl-Error.noarch 1:0.17020-2.amzn2 perl-Git.noarch 0:2.39.2-1.amzn2.0.1
```