

INSTALL AND UTILIZE GIT

aciadmin@acialma:~ — sudo dnf install git

```
[aciadmin@acialma ~]$ sudo dnf install git
[sudo] password for aciadmin:
Last metadata expiration check: 0:08:04 ago on Fri 14 Mar 2025 08:10:33 PM EDT.
Dependencies resolved.
=====
Package           Arch      Version      Repository    Size
=====
Installing:
git               x86_64    2.43.5-2.el9_5      appstream    50 k
Installing dependencies:
git-core-doc      noarch    2.43.5-2.el9_5      appstream    2.7 M
perl-Error-1:0.17029-7.el9 noarch    1:0.17029-7.el9     appstream    41 k
perl-Git           noarch    2.43.5-2.el9_5      appstream    37 k
perl-TermReadKey  x86_64    2.38-11.el9         appstream    36 k
perl-lib           x86_64    0.65-481.el9        appstream    13 k
=====
Transaction Summary
=====
Install 6 Packages

Total download size: 2.8 M
Installed size: 17 M
Is this ok [y/N]:
```

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```
Verifying      : perl-TermReadKey-2.38-11.el9.x86_64    5/6
Verifying      : perl-lib-0.65-481.el9.x86_64          6/6

Installed:
git-2.43.5-2.el9_5.x86_64      git-core-doc-2.43.5-2.el9_5.noarch
perl-Error-1:0.17029-7.el9.noarch perl-Git-2.43.5-2.el9_5.noarch
perl-TermReadKey-2.38-11.el9.x86_64 perl-lib-0.65-481.el9.x86_64

Complete!
[aciadmin@acialma ~]$ cd Module_7/
[aciadmin@acialma Module_7]$ 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/aciadmin/Module_7/.git/
[aciadmin@acialma Module_7]$
```

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```
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/aciadmin/Module_7/.git/
[aciadmin@acialma Module_7]$ git config --global user.name "aciadmin"
[aciadmin@acialma Module_7]$ git config --global user.email "aciadmin@acidomain.com"
[aciadmin@acialma Module_7]$ ls
hosts.yml  pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ git add pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   pfsense_update_dns_server.yml

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        hosts.yml

[aciadmin@acialma Module_7]$ git commit -m "initial commit: Add pfsense_update_dns_server.yml playbook"
[aciadmin@acialma Module_7]$
```

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        hosts.yml

[aciadmin@acialma Module_7]$ git commit -m "initial commit: Add pfsense_update_dns_server.yml playbook"
[aciadmin@acialma Module_7]$ git log
commit ef6a737f3f82e8f36395c45726a290392a111e46 (HEAD -> master)
Author: aciadmin <aciadmin@acidomain.com>
Date:   Fri Mar 14 20:21:56 2025 -0400

    initial commit: Add pfsense_update_dns_server.yml playbook
[aciadmin@acialma Module_7]$ rm pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ ls
hosts.yml
[aciadmin@acialma Module_7]$ git checkout pfsense_update_dns_server.yml
Updated 1 path from the index
[aciadmin@acialma Module_7]$ ls
hosts.yml  pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ nano pfsense_update_dns_server.yml
```

aciadmin@acialma:~/Module_7 — nano pfsense_update_dns_s...

```
GNU nano 5.6.1 pfsense_update_dns_server.yml Modified
4# pfsense_update_dns_server.yml

---
- name: Update pfSense DNS server
  hosts: pfsense
  gather_facts: no
  tasks:
    - name: Update pfSense DNS server
      pfsensible.core.pfsense_setup:
        dns_addresses: 8.8.8.8
```

aciadmin@acialma:~/Module_7 — nano pfsense_update_dns_s...

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# pfsense_update_dns_server.yml

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- name: Update pfSense DNS server
  hosts: pfsense
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    - name: Update pfSense DNS server
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hosts.yml  pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ nano pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   pfsense_update_dns_server.yml

Untracked files:
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        hosts.yml

no changes added to commit (use "git add" and/or "git commit -a")
[aciadmin@acialma Module_7]$ git add pfsense_update_dns_server.yml
[aciadmin@acialma Module_7]$ git commit -m "Modified pfsense_update_dns_server.yml: Changed DNS server address"
[aciadmin@acialma Module_7]$
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