

INSTALL ANSIBLE

```
aciadmin@acialma:~$ sudo dnf install epel-release -y
[sudo] password for aciadmin:
AlmaLinux 9 - AppStream          12 kB/s | 4.2 kB  00:00
AlmaLinux 9 - AppStream          19 MB/s | 14 MB  00:00
AlmaLinux 9 - BaseOS             10 kB/s | 3.8 kB  00:00
AlmaLinux 9 - BaseOS            19 MB/s | 15 MB  00:00
```

```
aciadmin@acialma:~$ sudo dnf install epel-release -y
Total download size: 18 k
Installed size: 26 k
Downloading Packages:
epel-release-9-9.el9.noarch.rpm 184 kB/s | 18 kB  00:00
-----
Total                        48 kB/s | 18 kB  00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : 1/1
  Installing     : epel-release-9-9.el9.noarch 1/1
  Running scriptlet: epel-release-9-9.el9.noarch 1/1
Many EPEL packages require the CodeReady Builder (CRB) repository.
It is recommended that you run /usr/bin/crb enable to enable the CRB repository.

  Verifying      : epel-release-9-9.el9.noarch 1/1

Installed:
epel-release-9-9.el9.noarch

Complete!
[aciadmin@acialma ~]$
```

```
aciadmin@acialma:~$ sudo dnf install ansible -y
Downloading Packages:
epel-release-9-9.el9.noarch.rpm 184 kB/s | 18 kB  00:00
-----
Total                        48 kB/s | 18 kB  00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      : 1/1
  Installing     : epel-release-9-9.el9.noarch 1/1
  Running scriptlet: epel-release-9-9.el9.noarch 1/1
Many EPEL packages require the CodeReady Builder (CRB) repository.
It is recommended that you run /usr/bin/crb enable to enable the CRB repository.

  Verifying      : epel-release-9-9.el9.noarch 1/1

Installed:
epel-release-9-9.el9.noarch

Complete!
[aciadmin@acialma ~]$ sudo dnf install ansible -y
Extra Packages for Enterprise Linux 9 - x86_64 14 MB/s | 23 MB  00:01
```

```
aciadmin@acialma:~$ /usr/bin/python3 /usr/bin/ansible-galaxy collection install pfsensible.core
Starting galaxy collection install process
Process install dependency map
Verifying      : python3-cryptography-36.0.1-4.el9.x86_64 7/11
Verifying      : python3-ply-3.11-14.el9.noarch 8/11
Verifying      : python3-pycparser-2.20-6.el9.noarch 9/11
Verifying      : python3-pyparsing-2.4.7-9.el9.noarch 10/11
Verifying      : ansible-1:7.7.0-1.el9.noarch 11/11

Installed:
ansible-1:7.7.0-1.el9.noarch
ansible-core-1:2.14.17-1.el9.x86_64
git-core-2.43.5-2.el9_5.x86_64
python3-cffi-1.14.5-5.el9.x86_64
python3-cryptography-36.0.1-4.el9.x86_64
python3-packaging-20.9-5.el9.noarch
python3-ply-3.11-14.el9.noarch
python3-pycparser-2.20-6.el9.noarch
python3-pyparsing-2.4.7-9.el9.noarch
python3-resolvlib-0.5.4-5.el9.noarch
sshpas-1.09-4.el9.x86_64

Complete!
[aciadmin@acialma ~]$ ansible-galaxy collection install pfsensible.core
Starting galaxy collection install process
Process install dependency map
```

```
aciadmin@acialma:~$ ansible-galaxy collection install pfsensible.core
Starting galaxy collection install process
Process install dependency map
Starting collection install process
Downloading https://galaxy.ansible.com/api/v3/plugin/ansible/content/published/collections/artifacts/pfsensible-core-0.6.2.tar.gz to /home/aciadmin/.ansible/tmp/ansible-local-34507fzk4w57z/tmp_4opdlas/pfsensible-core-0.6.2-c6j9d6ry
Installing 'pfsensible.core:0.6.2' to '/home/aciadmin/.ansible/collections/ansible_collections/pfsensible/core'
pfsensible.core:0.6.2 was installed successfully
[aciadmin@acialma ~]$
```

```
aciadmin@acialma:~$ ansible-galaxy collection install pfsensible.core
Starting galaxy collection install process
Process install dependency map
Starting collection install process
Downloading https://galaxy.ansible.com/api/v3/plugin/ansible/content/published/collections/artifacts/pfsensible-core-0.6.2.tar.gz to /home/aciadmin/.ansible/tmp/ansible-local-34507fzk4w57z/tmp_4opdlas/pfsensible-core-0.6.2-c6j9d6ry
Installing 'pfsensible.core:0.6.2' to '/home/aciadmin/.ansible/collections/ansible_collections/pfsensible/core'
pfsensible.core:0.6.2 was installed successfully
[aciadmin@acialma ~]$ ssh admin@192.168.0.5
```

```
aciadmin@acialma:~$ ssh admin@192.168.0.5
python3-ply-3.11-14.el9.noarch
python3-pycparser-2.20-6.el9.noarch
python3-pyparsing-2.4.7-9.el9.noarch
python3-resolvlib-0.5.4-5.el9.noarch
sshpas-1.09-4.el9.x86_64

Complete!
[aciadmin@acialma ~]$ ansible-galaxy collection install pfsensible.core
Starting galaxy collection install process
Process install dependency map
Starting collection install process
Downloading https://galaxy.ansible.com/api/v3/plugin/ansible/content/published/collections/artifacts/pfsensible-core-0.6.2.tar.gz to /home/aciadmin/.ansible/tmp/ansible-local-34507fzk4w57z/tmp_4opdlas/pfsensible-core-0.6.2-c6j9d6ry
Installing 'pfsensible.core:0.6.2' to '/home/aciadmin/.ansible/collections/ansible_collections/pfsensible/core'
pfsensible.core:0.6.2 was installed successfully
[aciadmin@acialma ~]$ ssh admin@192.168.0.5
The authenticity of host '192.168.0.5 (192.168.0.5)' can't be established.
ED25519 key fingerprint is SHA256:0FGldqUDlNW/aHUo/sTLuG6jgVQfX7izCYvCwBCJums.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.0.5' (ED25519) to the list of known hosts.
(admin@192.168.0.5) Password for admin@pfsense.home.arpa:
```

```
aciadmin@acialma:~$ ssh admin@192.168.0.5
Warning: Permanently added '192.168.0.5' (ED25519) to the list of known hosts.
(admin@192.168.0.5) Password for admin@pfsense.home.arpa:
pfsense - Netgate Device ID: b339b9f1ea0bad3d0d04

*** Welcome to pfsense 2.7.2-RELEASE (amd64) on pfsense ***

WAN (wan)      -> vmx0      -> v4: 192.168.0.5/24

0) Logout (SSH only)          9) pfTop
1) Assign Interfaces          10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfsense tools
4) Reset to factory defaults    13) Update from console
5) Reboot system               14) Disable Secure Shell (ssh)
6) Halt system                 15) Restore recent configuration
7) Ping host                   16) Restart PHP-FPM
8) Shell

Enter an option: 8

[2.7.2-RELEASE] [admin@pfsense.home.arpa] root: cat /etc/resolv.conf
nameserver 127.0.0.1
search home.arpa
[2.7.2-RELEASE] [admin@pfsense.home.arpa] root: exit
```