

DEPLOY AN ANSIBLE PLAYBOOK

```
aciadmin@acialma:~  
nameserver 127.0.0.1  
search home.arpa  
[2.7.2-RELEASE][admin pfSense.home.arpa]/root: exit  
exit  
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  
3) Reset webConfigurator password  
4) Reset to factory defaults  
5) Reboot system  
6) Halt system  
7) Ping host  
8) Shell  
9) pfTop  
10) Filter Logs  
11) Restart webConfigurator  
12) PHP shell + pfSense tools  
13) Update from console  
14) Disable Secure Shell (sshd)  
15) Restore recent configuration  
16) Restart PHP-FPM  
Enter an option: 0  
Connection to 192.168.0.5 closed.  
[aciadmin@acialma ~]$
```

```
Recent  
Starred  
Home  
Documents  
Downloads  
Music  
Pictures  
Videos  
Trash  
+ Other Locations  
  
hosts.yml  
pfsense_update_dns_server.yml  
  
1) Assign Interfaces  
2) Set interface(s) IP address  
3) Reset webConfigurator password  
4) Reset to factory defaults  
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16) Restart PHP-FPM  
Enter an option: 0  
Connection to 192.168.0.5 closed.  
[aciadmin@acialma ~]$
```

```
hosts.yml  
1 hosts.yml  
2  
3 all:  
4  
5   pfsense:  
6     ansible_host: 192.168.0.5  
7     ansible_user: admin  
8     ansible_password: Password  
  
Loading file "/home/aciadmin/Module_7/hosts.yml"...
```

```
Recent  
Starred  
Home  
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Videos  
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+ Other Locations  
  
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Enter an option: 0  
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[aciadmin@acialma ~]$
```

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```
pfSense Update DNS Server  
1 pfsense_update_dns_server.yml  
2  
3 ---  
4 - name: Update pfSense DNS server  
5   hosts: pfsense  
6   gather_facts: no  
7   tasks:  
8     - name: Update pfSense DNS server  
9       pfsensible.core.pfsense_setup:  
10        dns_addresses: 8.8.8.8
```

```
aciadmin@acialma:~/Module_7  
[aciadmin@acialma ~]$ ls  
Desktop Downloads Music Public Videos  
Documents Module_7 Pictures Templates  
[aciadmin@acialma ~]$ cd Module_7  
[aciadmin@acialma Module_7]$ ls  
hosts.yml pfsense_update_dns_server.yml  
[aciadmin@acialma Module_7]$ ansible-playbook -i hosts.yml pfsense_update_dns_server.yml  
  
PLAY [Update pfSense DNS server] *****  
  
TASK [Update pfSense DNS server] *****  
[WARNING]: Platform freebsd on host pfsense is using the discovered Python interpreter at /usr/local/bin/python3.11, but future installation of another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-core/2.14/reference_appendices/interpreter_discovery.html for more information.  
changed: [pfsense]  
  
PLAY RECAP *****  
pfsense : ok=1 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0  
[aciadmin@acialma Module_7]$
```

```
aciadmin@acialma:~/Module_7 — ssh admin@192.168.0.5  
[aciadmin@acialma ~]$ ls  
Desktop Downloads Music Public Videos  
Documents Module_7 Pictures Templates  
[aciadmin@acialma ~]$ cd Module_7  
[aciadmin@acialma Module_7]$ ls  
hosts.yml pfsense_update_dns_server.yml  
[aciadmin@acialma Module_7]$ ansible-playbook -i hosts.yml pfsense_update_dns_server.yml  
  
PLAY [Update pfSense DNS server] *****  
  
TASK [Update pfSense DNS server] *****  
[WARNING]: Platform freebsd on host pfsense is using the discovered Python interpreter at /usr/local/bin/python3.11, but future installation of another Python interpreter could change the meaning of that path. See https://docs.ansible.com/ansible-core/2.14/reference_appendices/interpreter_discovery.html for more information.  
changed: [pfsense]  
  
PLAY RECAP *****  
pfsense : ok=1 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0  
[aciadmin@acialma Module_7]$ ssh admin@192.168.0.5  
(admin@192.168.0.5) Password for admin@pfSense.home.arpa:
```

```
aciadmin@acialma:~/Module_7 — ssh admin@192.168.0.5  
(admin@192.168.0.5) Password for admin@pfSense.home.arpa:  
pfSense - Netgate Device ID: b339b9f1ea0bad3d0d04  
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12) PHP shell + pfSense tools  
13) Update from console  
14) Disable Secure Shell (sshd)  
15) Restore recent configuration  
16) Restart PHP-FPM  
Enter an option: 8  
[2.7.2-RELEASE][admin pfSense.home.arpa]/root: cat /etc/resolv.conf  
nameserver 127.0.0.1  
nameserver 8.8.8.8  
search home.arpa  
[2.7.2-RELEASE][admin pfSense.home.arpa]/root:
```

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