

Firewall rules

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- name: add firewall rules to managed nodes
  hosts: all
  tasks:
    - name: check of insalling firewalld
      yum:
        name: firewalld
        state: present

    - name: ensure if firewalld servise is enable and running
      service:
        name: firewalld
        state: started

    - name: ssh rule
      firewalld:
        service: ssh
        permanent: true
        state: enabled

    - name: http rule
      firewalld:
        service: http
        permanent: true
        state: enabled

    - name: restart firewalld
      command: firewall-cmd --reload
```

```
[root@control adhamplaybooks]# vim firewall-rules.yml
[root@control adhamplaybooks]# ansible-playbook firewall-rules.yml --syntax-check
```

```

playbook: firewall-rules.yml
[root@control adhamplaybooks]# ansible-playbook firewall-rules.yml

PLAY [add firewall rules to managed nodes] *****

TASK [Gathering Facts] *****
ok: [192.168.1.100]
ok: [192.168.1.101]

TASK [check of insalling firewalld] *****
ok: [192.168.1.100]
ok: [192.168.1.101]

TASK [ensure if firewalld servise is enable and running] *****
ok: [192.168.1.100]
ok: [192.168.1.101]

TASK [ssh rule] *****
ok: [192.168.1.100]
ok: [192.168.1.101]

TASK [http rule] *****
ok: [192.168.1.100]
ok: [192.168.1.101]

TASK [restart firewalld] *****
changed: [192.168.1.100]
changed: [192.168.1.101]

PLAY RECAP *****
192.168.1.100 : ok=6  changed=1  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
192.168.1.101 : ok=6  changed=1  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0

```

```

[root@man1 ~]# firewall-cmd --list-all
public (active)
target: default
icmp-block-inversion: no
interfaces: ens160
sources:
services: cockpit dhcpv6-client http ssh
ports:
protocols:
forward: yes
masquerade: no
forward-ports:
source-ports:
icmp-blocks:
rich rules:

```

```
[root@man2 ~]# firewall-cmd --list-all
public (active)
  target: default
  icmp-block-inversion: no
  interfaces: ens160
  sources:
  services: cockpit dhcpv6-client http ssh
  ports:
  protocols:
  forward: yes
  masquerade: no
  forward-ports:
  source-ports:
  icmp-blocks:
  rich rules:
[root@man2 ~]#
```