

Ansible Playbook - Web Server Setup

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# Ansible Playbook - Web Server Setup
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```

```
- name: Configure Web Servers
```

```
  hosts: webservers
```

```
  become: true
```

```
  vars:
```

```
    nginx_port: 80
```

```
    app_user: deploy
```

```
  tasks:
```

```
    - name: Install nginx
```

```
      apt:
```

```
        name: nginx
```

```
        state: present
```

```
        update_cache: yes
```

```
    - name: Copy nginx config
```

```
      template:
```

```
        src: templates/nginx.conf.j2
```

```
        dest: /etc/nginx/nginx.conf
```

```
      notify: Restart nginx
```

```
    - name: Enable UFW firewall
```

```
      ufw:
```

```
        rule: allow
```

```
        port: "{{ nginx_port }}"
```

```
        proto: tcp
```

```
    - name: Create app directory
```

```
      file:
```

```
        path: /var/www/app
```

```
        state: directory
```

```
        owner: "{{ app_user }}"
```

```
        mode: "0755"
```

```
    - name: Deploy application
```

```
      copy:
```

```
        src: files/app/
```

```
        dest: /var/www/app/
```

```
        owner: "{{ app_user }}"
```

```
    - name: Start nginx
```

```
      service:
```

```
        name: nginx
```

```
        state: started
```

```
        enabled: yes
```

```
  handlers:
```

```
    - name: Restart nginx
```

```
      service:
```

```
        name: nginx
```

```
        state: restarted
```