

Ansible Playbook to uninstall packages

This playbook performs a series of tasks to uninstall Apache HTTP Server (apache2), Git, Java 11 (openjdk-11-jdk), Tomcat, and the tree package.

- hosts: dev

user: aniket

become: yes

connection: ssh

gather_facts: yes

tasks:

#####uninstall Apache2#####

- name: uninstall Apache

apt: name=apache2 update_cache=yes state=absent

#####uninstall git#####

- name: uninstall git

action: apt pkg=git state=absent

#####uninstall java#####

- name: uninstall java11

action: apt pkg=openjdk-11-jdk state=absent

#####Uninstall tomcat#####

- name: Stop tomcat

command: "nohup /home/aniket/tomcat/apache-tomcat-9.0.73/bin/shutdown.sh"

#####uninstall tree#####

- name: uninstall tree

action: apt name=tree state=absent

Explanation:

1. '**hosts: dev**' is the beginning of an Ansible playbook YAML file. It specifies the target hosts on which the tasks in the playbook will be executed. In this case, the playbook is targeting the hosts with the name "dev". It indicates that the tasks following this line will be applied to the "dev" host(s) specified in the Ansible inventory file.
2. '**user: aniket**' in the Ansible playbook specifies the username to be used when connecting to the target hosts. In this case, the playbook will connect to the target hosts using the username "aniket". This user should have the necessary permissions and privileges to perform the tasks defined in the playbook.
3. The line '**become: yes**' in the Ansible playbook enables privilege escalation. When become is set to yes, Ansible will attempt to execute the tasks with elevated privileges, typically by using the sudo command
4. The line '**connection: ssh**' in the Ansible playbook specifies the connection method to be used when communicating with the target hosts. In this case, the playbook will establish an SSH connection to the target hosts.

5.The line '**gather facts: yes**' in the Ansible playbook enables the gathering of facts from the target hosts before executing tasks. Facts are variables containing information about the target hosts, such as network interfaces, operating system details, disk usage, and more.

6.The '**tasks:**' section in an Ansible playbook contains a list of individual tasks that will be executed on the target hosts. Each task describes a specific action to be performed.

7.**Uninstall apache2** - This task uses the apt module to uninstall the apache2 package. The name parameter specifies the package name as apache2, and the state parameter is set to absent to ensure that Apache is uninstalled from the target hosts. The update_cache parameter is set to yes to update the package cache before uninstallation.

8. **Uninstall git**- This task uses the apt module to uninstall the git package. The name parameter specifies the package name as git, and the state parameter is set to absent to ensure that Git is uninstalled from the target hosts.

9.**Uninstall Java** - This task uses the apt module to uninstall the openjdk-11-jdk package. The name parameter specifies the package name as openjdk-11-jdk, and the state parameter is set to absent to ensure that Java 11 is uninstalled from the target hosts.

10. **Uninstall Tomcat**-This task uses the command module to execute the command "nohup /home/aniket/tomcat/apache-tomcat-9.0.73/bin/shutdown.sh". The nohup command is used to run the Tomcat shutdown script in the background and prevent it from being terminated when the SSH session ends.

11.**Uninstall Tree**- This task uses the apt module to uninstall the tree package. The name parameter specifies the package name as tree, and the state parameter is set to absent to ensure that tree is uninstalled from the target hosts.