ANSIBLE BLOCKINFILE MODULE

The Nautilus DevOps team wants to install and set up a simple httpd web server on all app servers in Stratos DC. Additionally, they want to deploy a sample web page for now using Ansible only. Therefore, prepare the required playbook to complete this task. Find more details about the task below.

We already have an inventory file under /home/thor/ansible on jump host. Create a playbook.yml under /home/thor/ansible on jump host itself.

Using the playbook, install httpd web server on all app servers. Additionally, make sure its service should up and running.

Using blockinfile Ansible module add some content in /var/www/html/index.html file. Below is the content:

Welcome to XfusionCorp!

This is Nautilus sample file, created using Ansible!

Please do not modify this file manually!

The /var/www/html/index.html file's user and group owner should be apache on all app servers.

The /var/www/html/index.html file's permissions should be 0644 on all app servers.

Note:

i. Validation will try to run playbook using command ansible-playbook -i inventory playbook.yml so please make sure playbook works this way, without passing any extra arguments.

ii. Do not use any custom or empty marker for blockinfile module.

SOLUTION

Cd /home/thor/ansible

Vi playbook.yml

- name: Install httpd and setup index.html

hosts: stapp01, stapp02, stapp03

become: yes

tasks:

- name: Install httpd

package:

name: httpd

state: present

- name: Start service httpd, if not started

service:

name: httpd

state: started

- name: Add content block in index.html and set permissions

blockinfile:

path: /var/www/html/index.html

create: yes

block: |

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owner: apache

group: apache

mode: "0644"

ansible-playbook -I inventory playbook.yml