Ansible automation for windows security patch update

Tasks:

1. Create a folder name called “patch” on destination server path C:\Users\Administrator\
2. Copy a hotfix file from ansible servers to target servers path C:\Users\Administrator\patch\
3. Installing hotfix file using win\_hotfix module and storing the content output using register variable called hotfix\_install.
4. Server will reboot , if hotfix\_install register variable having reboot\_required word, Otherwise server wont reboot, Which means once patch updated successfully , server will be rebooted.
5. Using wait\_for module , server will wait for 900 seconds for server connection up.
6. Once server comes up , we doing final reboot for verification purpose.

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- name: patch installation on windows

hosts: windows

gather\_facts: yes

tasks:

- name: create a folder

win\_file:

path: C:\Users\Administrator\patch

state: directory

- name: copy a hotfix file

win\_copy:

src: /data/windows10.0-kb4512517-x64\_81ba5a17cf768a54489faf28ba3a3eca3c0c36d5.msu

dest: C:\Users\Administrator\patch\

- name: Install hotfix

win\_hotfix:

source: C:\Users\Administrator\patch\windows10.0-kb4512517-x64\_81ba5a17cf768a54489faf28ba3a3eca3c0c36d5.msu

state: present

register: hotfix\_install

- name: Reboot after patched

win\_reboot:

when: hotfix\_install.reboot\_required

- name: Wait for system to become reachable over WinRM

wait\_for\_connection:

timeout: 900

- name: remove kb4512517 remove file

win\_file:

path: C:\Users\Administrator\patch\

state: absent

- name: Final reboot

win\_reboot: