

Monday, April 17, 2023

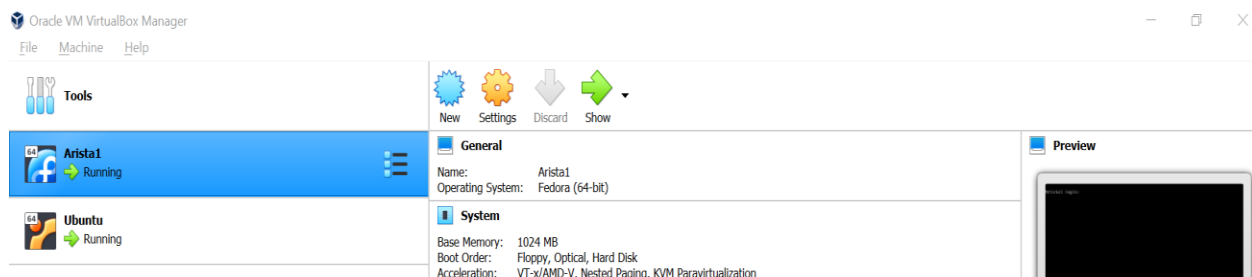
Python Automation for Legacy Routers and Switches Via CLI

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Below is the proof of concept for Python automation.

Environment (Virtual Box >> Arista Virtual Switches and Ubuntu Virtual Desktop)

Virtual Box Console :

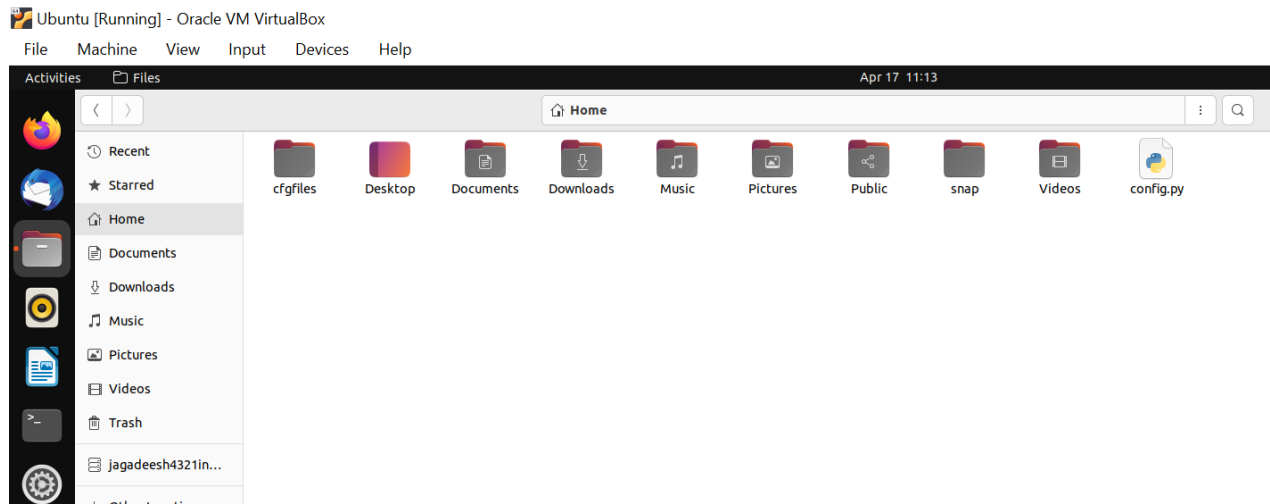


Arista Switch CLI output:

```
Arista1 [Running] - Oracle VM VirtualBox
Arista1>enable
Arista1#show running-config
! Command: show running-config
! device: Arista1 (vEOS, EOS-4.20.15M)
!
! boot system flash:/vEOS-lab.swi
!
transceiver qsfp default-mode 4x10G
!
hostname Arista1
!
spanning-tree mode mstp
!
no aaa root
!
username jaga secret sha512 $6$bXqMnAsadP/U7U17$R2rdyBCNBqRTR4D
uKrsEmAKrUG7glwUBx1.x5Ub3nK0cw0e4QPQwJNtknOKz2Dw6gDpl.
!
interface Management1
    ip address 10.10.10.2/24
!
no ip routing
!
end
Arista1#
```

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Ubuntu Desktop:



Please find the attached Output from CLI, the Python Script, along with this document.