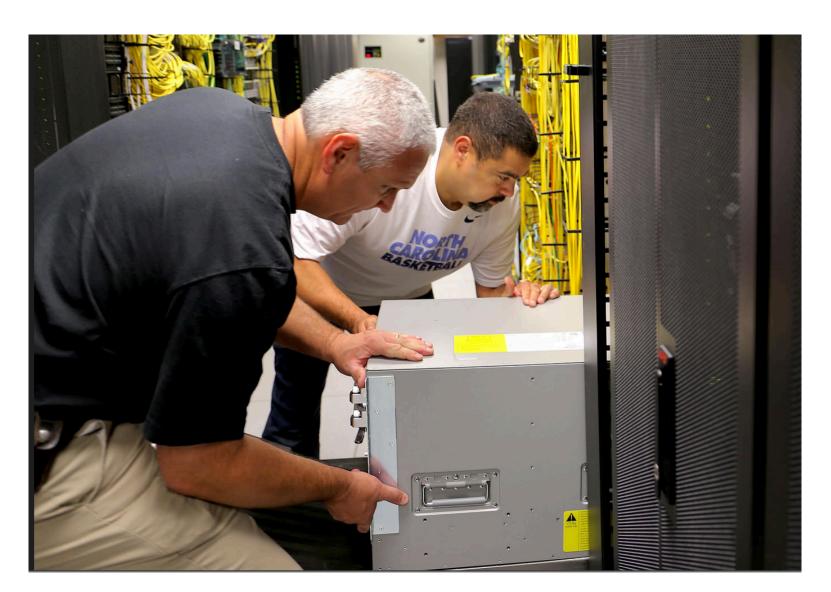
Zero Touch Stress Automation



"Chiefs" present ...

@Surajnair1844

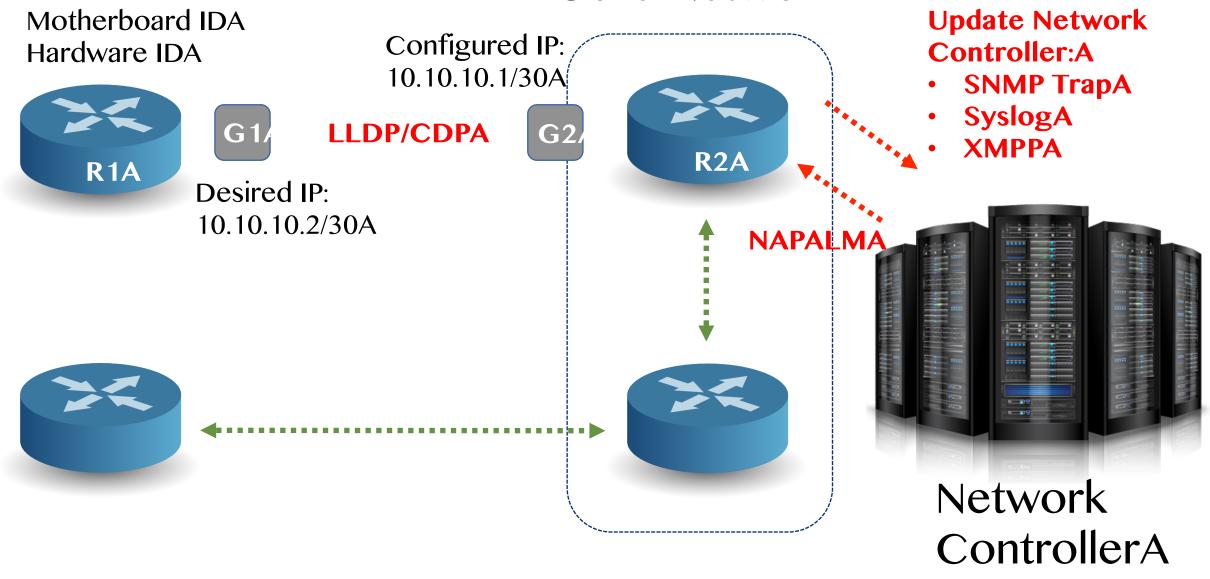
@DurgeshKeni

@arjun3232

@agajula

@greenpau

Core NetworkA



• Device Unique Identifier DiscoveryA

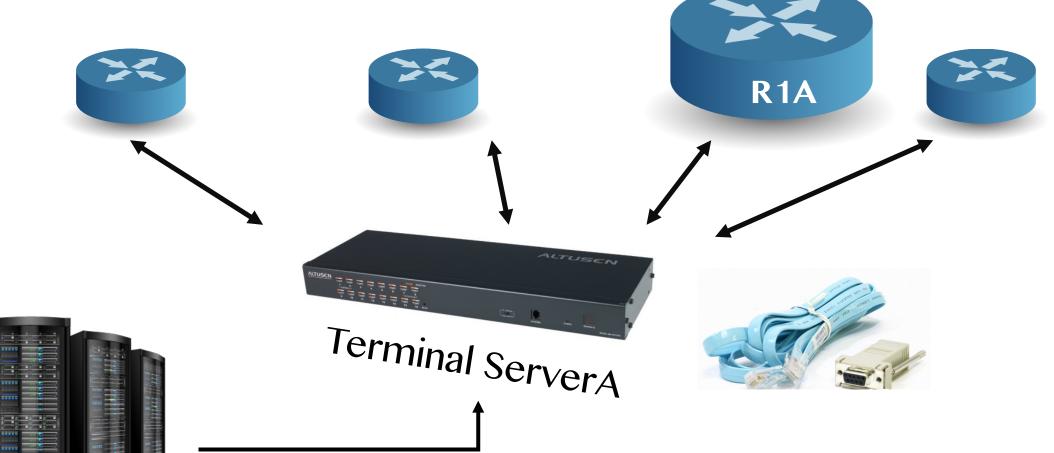
Trigger

DiscoveryA

Credentials DiscoveryA

Inventory CollectionA





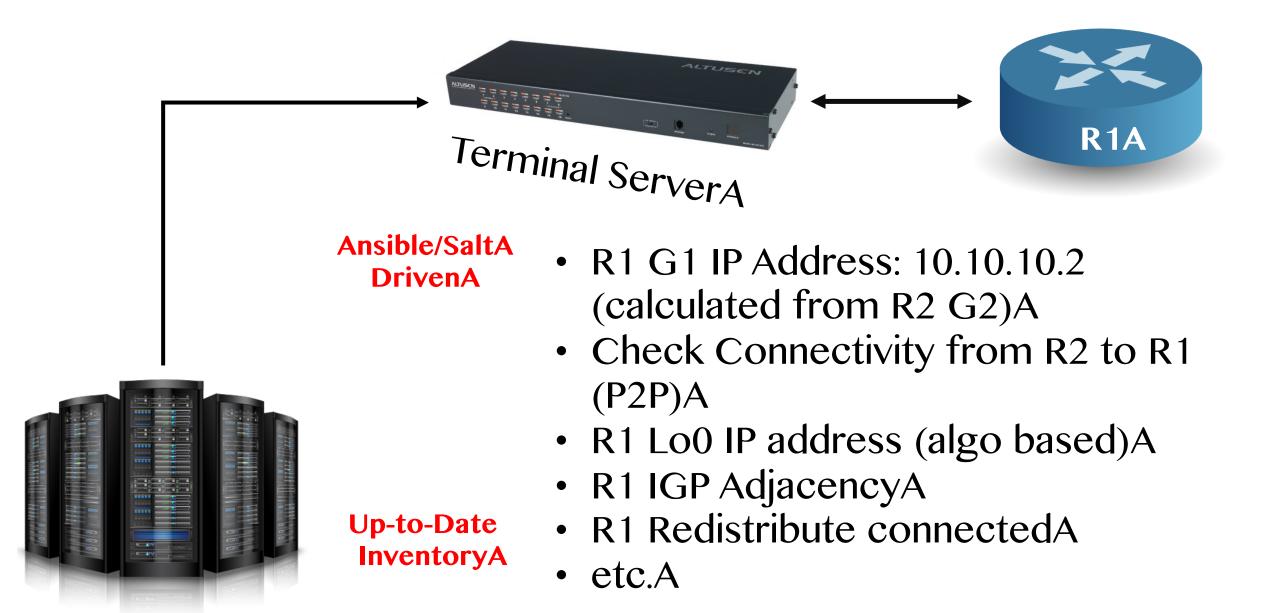
Branch: master - ndmtk-nanog-72-hackathon-data / vmx1 / vmx1.show.chassis.hardware.detail.txt

```
Hardware inventory:
Item
                 Version Part number Serial number
                                                           Description
Chassis
                                        VMXd9
                                                           VMX
Midplane
Routing Engine 0
                                                          RE-VMX
  ad0
        20473 MB OEMU HARDDISK
                                        OM00001
                                                          Hard Disk
CB 0
                                                           VMX SCB
CB 1
                                                           VMX SCB
FPC 0
                                                           Virtual FPC
 CPU
                 Rev. 1.0 RIOT
                                        123XYZ987
 MIC 0
                                                          Virtual
                                                          Virtual
    PIC 0
                           BUILTIN
                                        BUILTIN
```

Branch: master v ndmtk-nanog-72-hackathon-data / vmx1 / vmx1.show.interfaces.statistics.txt

```
Physical interface: fxp0, Enabled, Physical link is Up
Interface index: 8, SNMP ifIndex: 1
Current address: 2c:c2:60:73:ab:9f, Hardware address: 2c:c2:60:73:ab:9f
Protocol inet, MTU: 1500
Flags: Sendbcast-pkt-to-re, Is-Primary
Addresses, Flags: Is-Preferred Is-Primary
Destination: 10.0.0/24, Local: 10.0.0.31, Broadcast: 10.0.0.255
```

Out-of-Band Management NetworkA



Branch: master ▼

ndmtk-nanog-72-hackathon-data / vmx1 / vmx1.show.bgp.summary.txt

| Groups: 2 Peers: 4 | Down peers: 0 |) | | | | | |
|---|---------------|------------|--------|---------|-----------|---------|-------------------|
| Table Tot | Paths Act Pa | ths Suppre | ssed | History | Damp Stat | e I | Pending |
| inet.0 | | | | | | | |
| | 9 | 1 | 0 | 0 | | 0 | 0 |
| inet6.0 | | | | | | | |
| | 7 | 1 | 0 | 0 | | 0 | 0 |
| Peer | AS | InPkt | OutPkt | OutQ | Flaps I | Last Ur | o/Dwn State #Acti |
| 10.1.64.2 | 65000 | 790 | 793 | 0 | _ 0 | 5:5 | 59:26 1/5/5/0 |
| 10.1.64.3 | 65000 | 789 | 791 | 0 | 0 | 5:5 | 58:45 0/4/4/0 |
| 2001:db8::10:1:64:2 inet6.0: 1/4/4/0 | 65000 | 790 | | 794 | 0 | 0 | 5:59:27 Establ |
| 2001:db8::10:1:64:3 inet6.0: 0/3/3/0 | 65000 | 790 | | 791 | 0 | 0 | 5:58:58 Establ |





Network ControllerA

Personal Experiences I

- Connect with more people
- Build personal network
- Got to know about tools like ANSIBLE and NAPALM
- Get to talk with people about what they are doing on their job
- Thinking how the tools can solve other problems related to testing
- We are not programmers, yet found these tools very useful

Personal Experiences II

- Wonderful time
- Meet nice people from different life experiences
- Learn about the tools
- Run and sell ideas for your own personal projects
- The environment allows for taking risks
- There was teaching and learning on each team
- Feel welcomed

