

Red Hat
Summit

Connect

Automate all your network vendors

Carlos Parada

Utrecht, Netherlands
4th October, 2022

The CMDB Concept

CMDB (from ITIL)

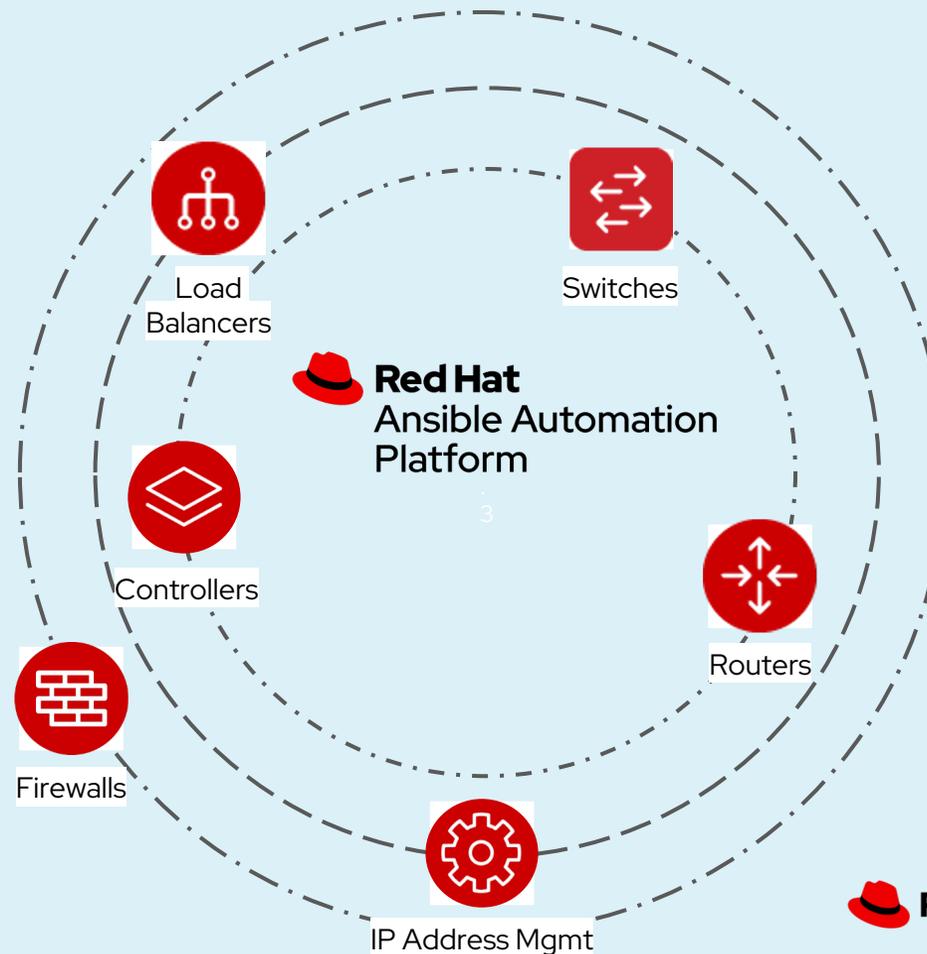
- ▶ Stores assets, configurations and relationships between them
- ▶ Act as Source of Truth (SoT) for infrastructure and configurations
- ▶ Enables centralized network management



The Netbox Tool

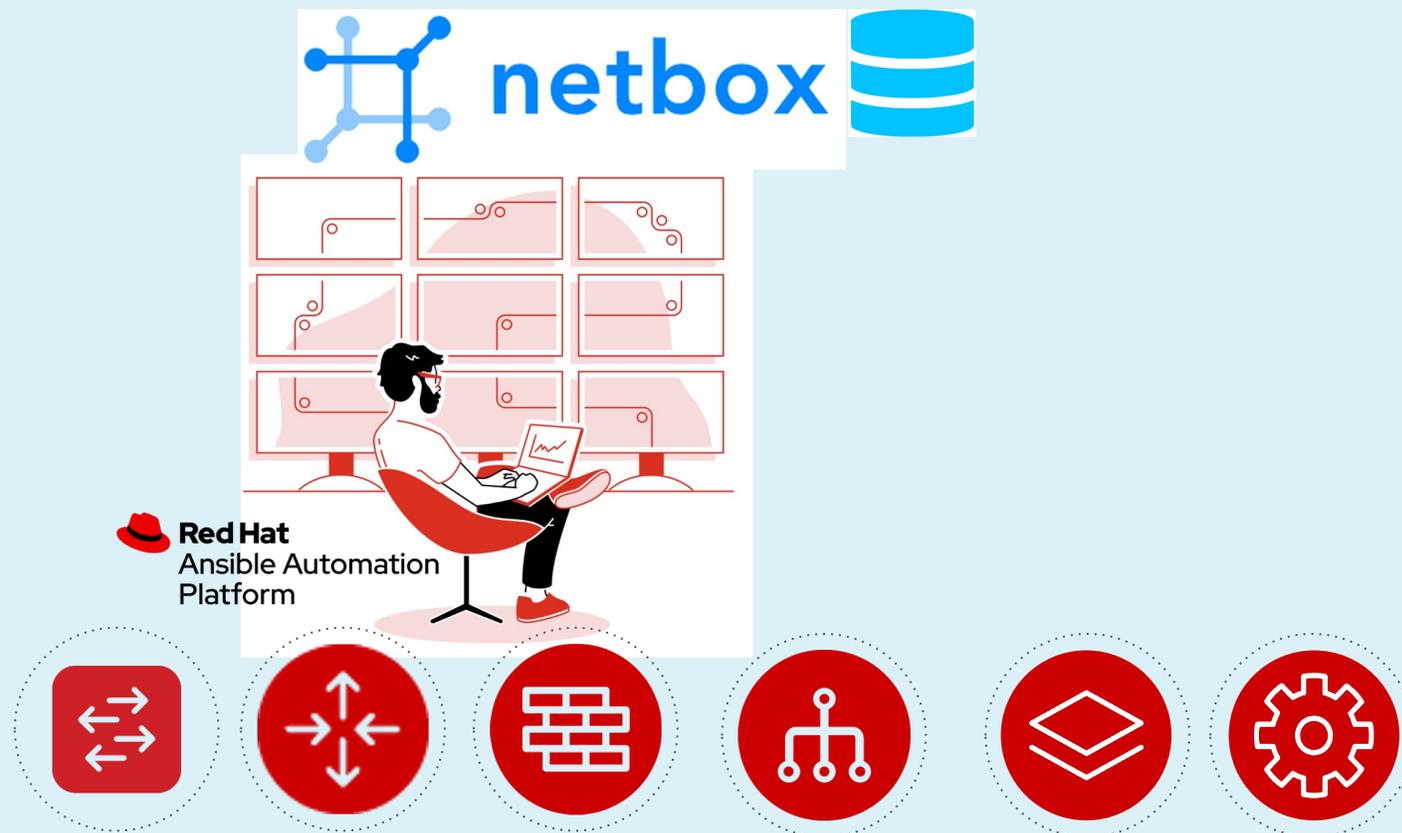
Netbox

- ▶ Open Source tool
- ▶ CMDB for network
- ▶ Provides a simple GUI
- ▶ Easy integration with AAP



Automate all your network vendors

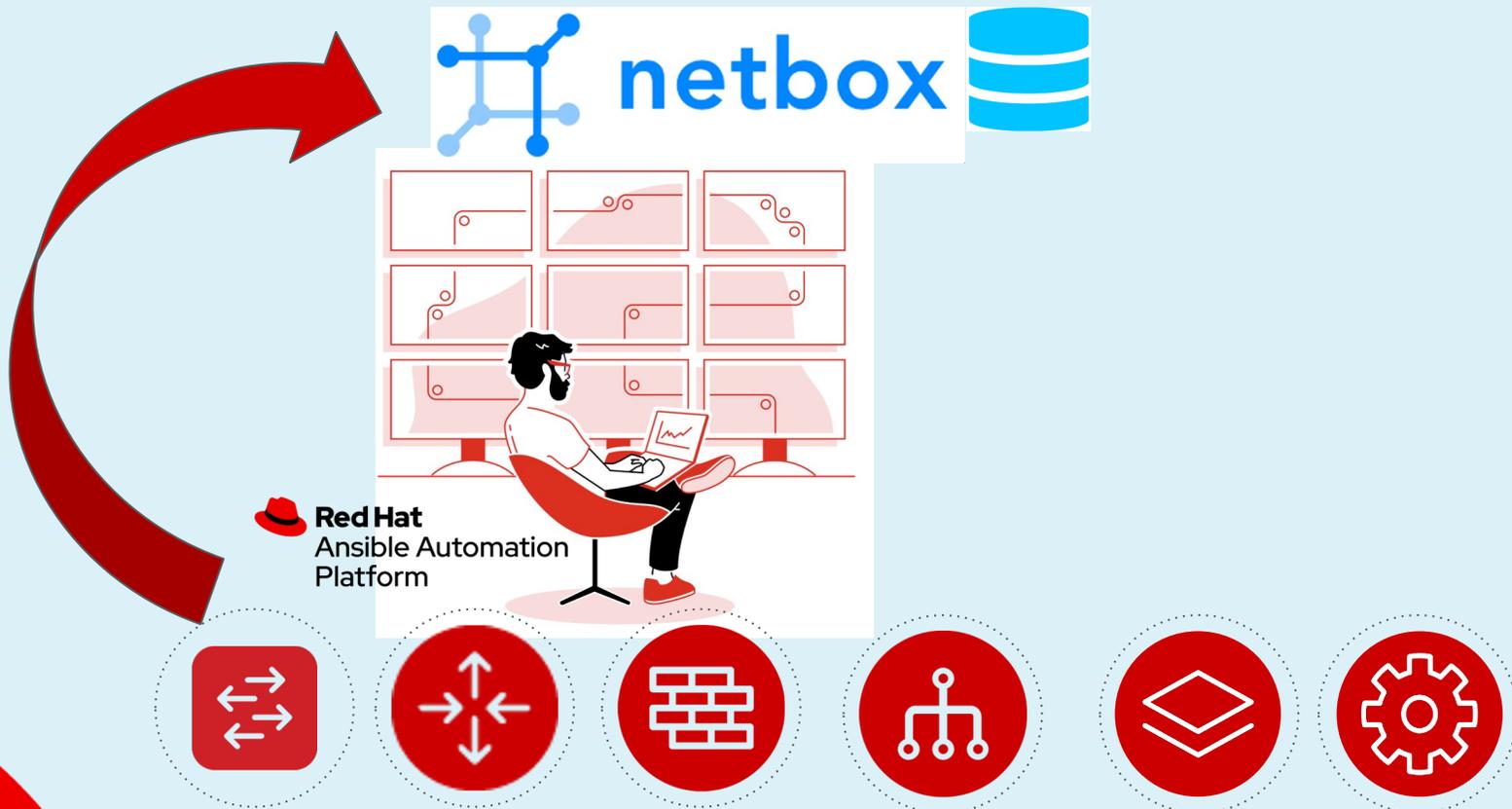
Demo: Use Cases



SWITCHES ROUTERS FIREWALLS BALANCERS CONTROLLERS IPAM

Demo: Use Case (1)

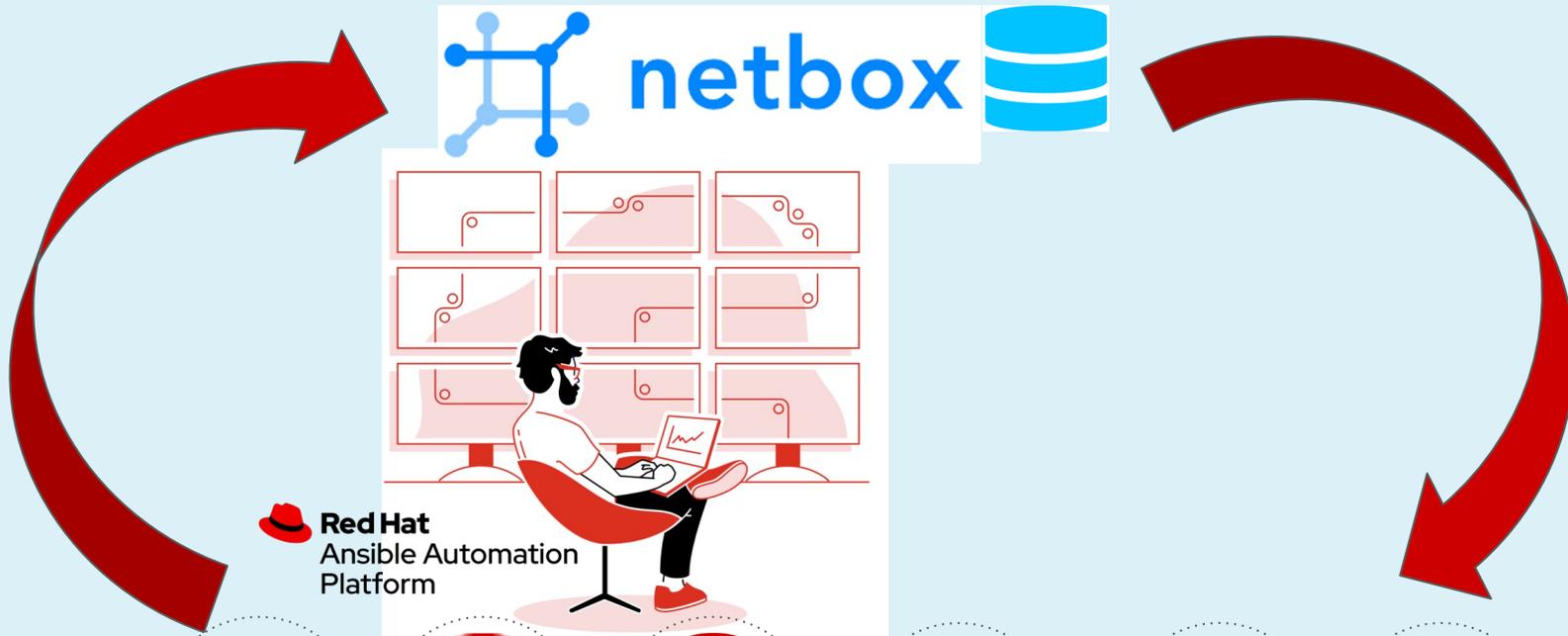
STEP 1: Populate Netbox (init) from the network



SWITCHES ROUTERS FIREWALLS BALANCERS CONTROLLERS IPAM

Demo: Use Case (2)

STEP 1: Populate Netbox (init) from the network



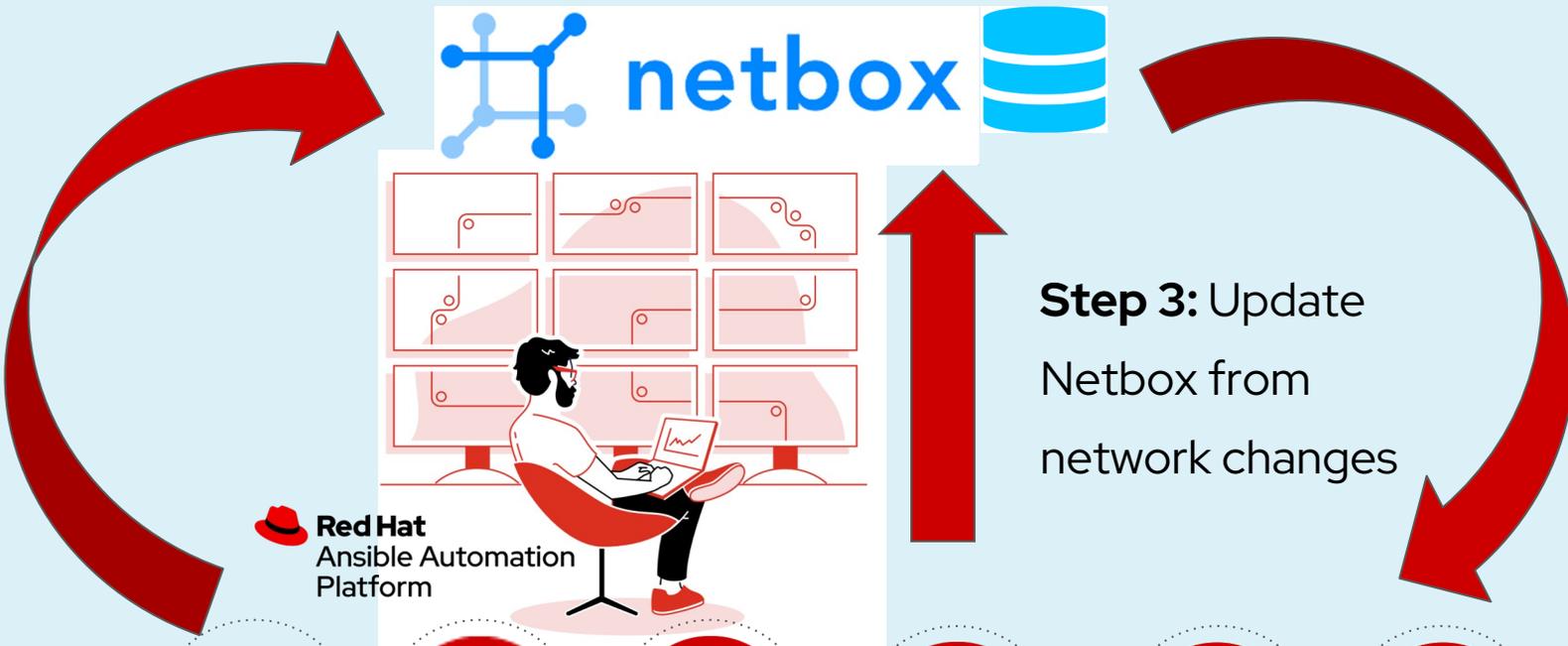
STEP 2: Manage the network configurations from Netbox



SWITCHES ROUTERS FIREWALLS BALANCERS CONTROLLERS IPAM

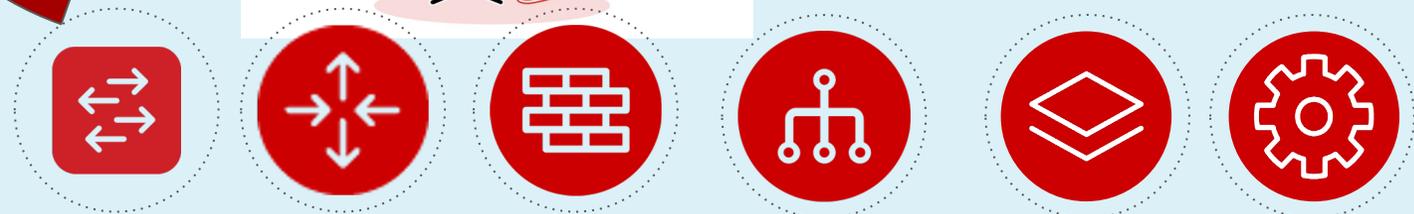
Demo: Use Case (3)

STEP 1: Populate Netbox (init) from the network



Step 3: Update Netbox from network changes

STEP 2: Manage the network configurations from Netbox



SWITCHES ROUTERS FIREWALLS BALANCERS CONTROLLERS IPAM

Red Hat
Summit

Connect

Thank you



[linkedin.com/company/red-hat](https://www.linkedin.com/company/red-hat)



[facebook.com/redhatinc](https://www.facebook.com/redhatinc)



[youtube.com/user/RedHatVideos](https://www.youtube.com/user/RedHatVideos)



twitter.com/RedHat