

# Ansible Automation Flow Overview

**Ansible Playbook (YAML file) :**  
**CIS Security Benchmark**



SSH

**RHEL Ansible Server**

**Control Machine**



Git Push

GitHub Repo    Git Repository  
(Version/Source Control)



Ansible Config file  
Inventory(listed clients IP)  
Private SSH key  
Playbook Script

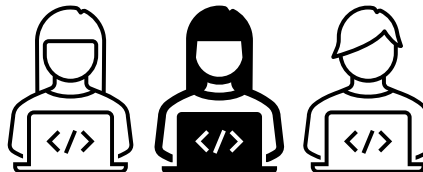
Execute  
Remediation  
Scan  
Playbook



Administrator

Conversion script from JSON (Task +  
Host) into ONE CSV file so that the  
administrator can segregate the  
failed nodes to respective assigned  
machine owner (remediation)

Check CIS Failed  
task/item for  
remediation

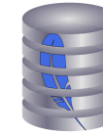


Playbook Execution  
Push Towards  
assigned nodes

**RHEL Client Servers**



Ansible Callback



SQLite Workstation  
ARA DB

**ARA-Ansible Run Analysis**  
**Playbook Result Analysis**



ARA Reports:  
Extraction of  
Failed Task and  
Host (JSON)

**Export Non-Compliance  
Failed Task and Host  
(JSON) from ARA**

Reporting:  
JSON to CSV

Distribution of non-  
compliance results to  
each dept group POC