Cheatography

Cisco-Ansible Cheat Sheet

by Carl (cjbaccus) via cheatography.com/189058/cs/39432/

Ansible configuration baseline

Ansible cfg:

```
[defaults]
inventory=./hosts
host_key_checking=False
retry_files_enabled=False
gathering=explicit
```

backup playbook

```
---
- hosts: csr
    tasks:
                - name: Show version
                    ios _co mmand:
                                    com mands: show run
                    reg ister: version
                - name: print versions
                    copy:
                        con tent: "{{version.stdout[0]}}\n\r"
                        dest: ~/Cisco-ansible-backup/{{inventory_hostname}}-cfg.txt
```

The last section takes the results of 'show run' command and pastes it to the destination folder.

ansible-vault

```
ansible-vault encrypt
group_vars/all.yml
  Please enter password:**
  Please enter password again:
**
cat /group _va rs/ all.yml
$ANSIB LE_ VAU LT; 1.1 ;AES256
383435 663 566 346 630 363 030 -
383 337 353 637 353 461 663 239 -
363 238 616 330 393 862 343 537 -
376 43266
643637 373 633 346 461 643 665 -
333 838 633 637 376 566 346 434 -
0a3 164 373 966 623 530 366 639 -
323 93031
363838 323 331 373 237 373 237 -
646 131 663 063 646 230 346 335 -
333 866 643 735 343 363 376 166 -
343 36437
636239 383 235 633 732 0a3 131 -
613 338 303 563 383 865 613 866 -
653 636 373 538 386 135 656 466 -
663 73164
613036 613 963 643 934 376 336 -
363 731 386 534 663 035 393 533 -
343 039 636 532 323 434 326 537 -
```

all.yml

```
---
ansibl e_user: " cis co"
ansibl e_s sh_ pass: " cis co"
ansibl e_n etw ork_os: " ios "
ansibl e_c onn ection: " net -
wor k_c li"
```

this file would be placed in group_vars folder in main directory. (see ansible-vault section for encrypting this file for security reasons)

```
663 83835
633732 616 633 353 738 346 264 -
333 865 383 837 346 364 306 231 -
396 636 386 366 333 661 333 237 -
663 93366
383033 623 462 643 737 663 034 -
663 334 313 037 623 830 313 862 -
656 363 646 365 386 665 633 832 -
343 76638
336532 393 566 353 266 363 034 -
313 034 313 765 636 566 316 264 -
633 466 396 466 393 834 316 261 -
656 33562
313061 393 164 326 263 383 935 -
613 963 613 863 306 262 613 733 -
663 239 306 131 666 438 393 165 -
363 53832
623563 656 534 393 136 383 338 -
656 337 383 938 636 463 636 463 -
363 063 316 235 353 637 393 531 -
323 53732
356430 323 433 303 131 363 834 -
316 663 353 661 653 063 353 165 -
373 735 366 638 396 232 336 165 -
616 13034
666433 356 637 333 865 336 134 -
663 037 633 961 323 565 343 266 -
616 536 663 162 303 365 616 234 -
363 26664
343163 373 161 646 336 616 438 -
363 330 383 665 303 532 383 066 -
333 162 666 538 623 36532
```

Once encrypted, you will have to execute the playbook : ansible-playbook backup.yml --ask-vault-pass

hosts file

hosts file | tiered hosts file

```
[csr]
csr1k-2 ansible_host=192.168.255.38
csr1k-3 ansible_host=192.168.255.34
```


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