

Network management

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ios_facts

```
- name: Facts
  ios_facts:
    gather_subset: all
    register: ios_facts_result

- name: Copy facts to files
  copy:
    content: "{{ ios_facts_result | to_nice_json }}"
    dest: "{{inventory_hostname}}_facts.json"
```

ios_config

- lines # what should be in config
- defaults # show run vs. show run all
- save_when # save config?
- backup # backup before changes?
- parents # get into sub-config mode
- before/after # run in case of changes
- match # useful with acl
- replace # useful with acl

Docs: https://docs.ansible.com/ansible/2.9/modules/ios_config_module.html

Register and display the result

```
- name: Config something
  ios_config:
    lines:
      - <...>
    register: cfg

- name: Show config updates
  debug: var=cfg.updates
  when: cfg.changed
```