

Ansible Advanced

Lecture 4 More advanced Ansible

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Content

- Ansible playbooks
 - Facts
 - Parallelism
 - Loops

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- Concepts for this lecture
 - Parallel
 - Loops

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- Facts
 - Managed by ansible
 - Can be used in playbooks
 - It is possible to use a host's facts in a playbook for another host
 - BUT! The host facts needs to have been gathered first!
 - Or the facts needs to be cached for the second host

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- Parallelism
 - To run a task on several machines
 - By default, all hosts run concurrently
 - You can specify the number of concurrent hosts with the "-f" flag (f is for “fork”)

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- Loops
 - Used to perform several similar tasks as one task
 - Can be used with variables and facts
 - There are several versions of loops
 - Loop
 - With_<lookup>

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• Loops

```
- name: Create all needed symlinks
  ansible.builtin.file:
    path: "{{ item.dest }}"
    state: link
    src: "{{ item.src }}"
    force: true # most of these don't exist unless the node hosts the function at the time of creation
    follow: false
  loop:
    - {"src": "/oracle/comora", "dest": "/opt/comora"}
    - {"src": "/sup/web/comweb/", "dest": "/opt/comweb"}
    - {"src": "/sup/sa_root_med1/commed1", "dest": "/opt/commed1"}
    - {"src": "/sup/sa_root_med2/commed2", "dest": "/opt/commed2"}
```

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- End of today's lecture!
Over to practical tasks



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