What are we going to see in this session?

- Introduction to Ansible facts
- Idempotence

Ansible Facts

- Facts are basically used to get the complete information about your remote systems.

- These can be used to implement conditional execution of tasks but also just to get ad-hoc information about your system. You can see all facts via below command.

ansible all -m setup

Using Grep :

ansible all -m setup | grep ansible_os_family

ansible all -m setup | grep ansible_architecture

 ansible all -m setup | grep fstype

- We shall discuss more about Facts in the playbooks section.

Idempotence

- Before moving further you should know what is idempotence and how ansible use idempotence.

- Idempotence is the concept which is borrowed from Mathematics.

- Ansible uses this concept very much.

- An idempotence refers one operation can be applied multiple times without changing the result beyond the initial apply.

- Hence all modules of Ansible are idempotent.

End of this topic !

Any questions?