Configuration Management

cant go manually on every system or every server so we developed configuration management

sitt from esystem to all other systems or main server to other server

which is secure & helpeus to automate things

Change in I server It will automatically get deployed & or will be

done in other servers also & this is called configuration

we do twis by colop

continous integration - streamlining the development and deployment

written the code push it from remote repository to the

production which is continous delivery .

other

provide software or agent

to manage the notes pupper, chef - s we have to provide software or

agent to manage the nodes my laptop - Master node

other - Slave node

- Ansible is

based on python q

4 Ansible?

1 Agentless

which is very easy for everyone to

learn & understand

1 23H - Password less secured

~ pupper, thef - don't use

Chef

Salt stack Pupper

push prohotecture (Pull presitecture) code in our cystem which are node to master like polling kind master the stave node node code whether matter has done anything / setup es also very easy as compared to chet, changer in master Pushit node node to the wone not available to puppet, Inventory in Ansible a yand file (write 1) addresses of Several Slave node which are available, make the things easy to work on Master node will note a set of tasks to the slave node which has to be Modules Performed - the way which specific tasks are written is called Ansible module core modules - set up annible in order nodes teen core module is used from buy bug teen core module is the priority to work on formy bug teen core module is the priority where needed we can used that Ertra moduly - Ertra available in repository where needed we can used that Ukein script which tasks are written Types of Roventony Dynamic - scipt generated if addresses, so It is not fixed it will change written in python language - script is change, ip is also change.

combination of modules, flaybooks, plugers is Anible Modules. playbook Playbook - contains lots of tasks contains one or Contains one Combination of plays more number of play - Wo have group of set of task plays We have to do contiguration changes (written in a blog) called as a play Enstall naknix Plugins - Basically used for logging purposes - Runs on main control marking - main node. Ansible Vault - (save any data)
, white in the playbook or in normal yand file Encryptit store It in Ansible Vault store password, sensitive data it is used File is already created I ansible vault energpt name of your yaml bie For checking e ansible vault decrypt ble name. any passuoords Howto create & Amsible valuet create name of the ble already energypted Prompt create procuord What the bossmord for two times for Confirmation Encuppled ble will be created & makes the changel in the data