Shapter: 07 Managing large projects y Date: 11/07/24 Date: 11/07/24
M T W T F S S Page No.: YOUVA
Shapter: 07 Managing large projects - Date: 11/07/24
themselves to be
7 selecting hosts with hosts patterns.
a bon in widthing inter to still
host patherns are used to specify the hosts to target
by a play or ad-hor command. By mentioning single manged host Usted in the inven.
with it was stit bandgated . It temes it.
By mentioning single manged host Usted in the inven.
If IP is mentioned in inventory; IP can be used to all
Lost in playbook.
11 hostname - 11 hostname -11
Das is not resolved automatically of M.N.
With the second
By mentioning the group from the inventory, it will
act on all M.N inside those group.
By mentioning the group from the inventory, it will act on all M.N inside those group. all of special group to all managed node from inventory. Ungrouped of special group to all M.N that are individual
ungrouped = special group = p all M.N + that are Endividual
of not members of any group.
JIMAN ANIO - IMAN IT VE
- By Hild coulds.
figure to wice you live
As wild conder can be used to call out hosts , it is possible
-that there may be special character in hostnames:
To overcome any failure; it is good of preferred that
hosts must be mentioned in single quotes so it
may pase oconedly. in the the pariets whose to
- hosts: development
Lead when tariable that 27

by - hasts: 't example com' to act as with a wild could be and sinclude all hosts ending with example. com

- hasts: 'datacenter 1' Moses of which is topics so with datacenter! + By list of hosts seperated by comma -hosts: nodel, node2, node3 hasts: groupt, group2), group3/11 amos at + By Mixture of host groups, wild coud & hosts - hosts: groups, nodes, data + By using logical AND to find the hosts which are member of both group (only common hosts)
-hosts: group1, 6 group2 Jeoup1, Bgroup2 => group2, 6 group1 - bosts: all, I nodel => all except nodel au all simode the promodes hall show the willowed task prepare as host stants the next task in the plant # Managings Dynamichum Inventories donne werricher 1 external directory service = Xabbix, FreeIPA, Active Directory Installation servers = cobbler, led Hat satellite Cloud service = AKS EC2, OpenStack deployment, V.M infra. a gree for anable da -Ansible supports dynamic inventory scripts. These scripts are executable programs that collect information

from some exertainal source & output the inventory

in JON format

To write a dynamic governous; start the script with interpreter line (#1 /we/bin/python: example) - Ausible supposts multiple guventury. Inventory files should not depend on the other inventory files or scripts in order to resolve '-i' is used to mention governory Ansible supports the use of multiple inventories in the same zun, if the location of the inventory is a directory, then all the inventory files in the directory are combined to determine Enventory. -Ansible ignores files in an inventory directory if they end with certain suffixes. This can be controlled with the inventory gnore extensions. dizective in the Ansible configuration the # Configuing Parallelism. + 1011 losinel aniel Mormally, all hosts must successfully complete a task before any host starts the next task in the play. The maximum number of simultaneous connections -that ansible makes it controlled by the forks parameter in the ansible configuration file it is setillato '51 by default : 2000 4 grep fork ansible cfg.

4 grep à ansible - config dump | grep - i forks y tork value.

4 ansible - config list | grep - i forks.



Default forks to 5 forks to Ansible will run 1st task on first 5 M.N & then on other 5 M.N & so on untill all M.N are completed.

After that -Ansible will run 2nd task, and so on untill play is end.

If C.N is managing all linux M.N then fork value can be set to 100.

Defaut fork can be overladen on cut by '-f', '-forks' eptions or on ansible cfg forks = value.

& Berial

MN at once, 'serial' keywoord can be used, this will ensure, Each botch of hosts will be run through the ordine play before the next botch is started

- name: Ruming serial play Inventor

-tasks

Runs entire play on first 2 M.N. then proceed with next 2 & so on.

If number is not mentioned then be default it is '1'

If something is wrong while running first 2 M.N

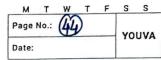
then the entire play fails of is abouted.

Sevial keyword can also be specified in percentage.

6.2 6.2 1	M T W T F S S Page No.: (\$2) Date: YOUVA
# Including & Importing files.	textitude of death of
To bring content ento a playbe	
Proclude content or you can	
include = dynamic aperation	SURVINION 8: 10.5 71
The state of the s	of the sal Mies
Simport playbook of Master playbook - that	playbooks mplete playbook.
+ content being imported is a content be used inside a play	mplete playbook.
Word at top level of a playbook	bue armonaro of
I name: importing play 1. yml loused	Lod do do ha
botons of boton is etacled	punto serios 27-
name: importing playe.yml import-playbook: playe.yml	· printed and -
+ You can interleave plays in you	w master playbook
with imported playbooks.	w master playbook
\$ 1 mporting = = including tasks	Rune antive plans
You can impost or include a list of	f tooks from a
Hook & file 140 a veplay. Sila voia	oritio all net
sportation task. ymis so sol sol	fortales attomas att
- yum:	
state: present	

To manage furture of components on ansible-it-is		
intername: Importing tack file a some of color		
Hosts: May tuo us the many of such la		
-lasks:		
- import_touks: task.ym		
\$ Tother youldbles land which we reposed		
task tile can be emported into a play inside a playbook.		
the second of th		
O Conditional statement (when, if) are applied on each task		
in the imported-tacks, if used.		
@ loops can't be used with import tanks feature.		
3 If variable is used to call out import-tacks file		
- then you can not use host or group inventory variables.		
Segvice:		
Include telle. "It solvers it some		
establed: Asuc		
- name: Including task file.		
hosts: all		
-tasks: W.v. atapopulus W.Y.		
- include _ tasks: tasks. yml		
The include-tasks feature does not process content in		
the playbook until the play is summing and that		
part of the play is seached. What the		
- Does not show tasks in:		
ansible-playbook list-tasks.		
- Cannot use: lighted in 1402		
ansible-playbook start-at-tooks		
y Cannot use notify statement to trigger a handler name		
that is in an included task file.		

(A)



To manage standard of components on ausible, it is
better to make a disectory of tasks of include
all tasks in others; and call out them white.
Proporting or including.
Imp. 2 sol sales trogini -
& Defining variables.
-took tile on be superfied site in plan inside a plantage
name: Install the Ef package 33 package
Jum: book firestert booksogner sale mi
contoname: 1189 package 1310 bow and top soon of
state solutestion this of how is subjust it to
-mame: start the { { service } } service
service:
name: ">{ service 43"
enabled: fine
state: started. It short probability issuen -
in the stand
s vim playbook. ym
Long. Lakot : solut . solut -
The the terms of the second of
-tasks they was my time seek surtest extent southing self
- name : Import task of mariables modernia
emport tasks: task. you a water sty to the
Vall: " NI WIND - and so of the
packaget: Holpo stadyed stations
service: httpd.
ansible plantook start-it-tooks
- A CONNET USE NOTE & statement to taigge a liqueles name
that is in an included task file.
Talle