Day--14

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network mangement

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in linux server any network related

errors to troubleshoot the concept is called

network management

hostname---------------to show the hostname

hostnamectl set-hostname swetha------------change hostname

ping google.com-----------------connect the linux server to google server

stop the packets to ctrl+c

ping google.com -c10--------------connect the linux server to google server with 10packets

ping google.com-------------------------to check the internet work or not speed also

dig google.com------------------------domain imformation

dig google.com ns--------------------domain imformation with name servers

mtr google.com-----------------------how many devices connected while linux server to website

yum install mtr -y

traceroute google.com--------------how many devices connected while linux server to website

with timestamp

telnet google.com 443---------------connect the website portnumber

yum install telnet -y

take one stopped server privateip portnumber

ex:telnet 1.2.3.4 22

trying to connect...

then start the server

ex: telnet 1.2.3.4 22

connected

in linux os 0-65535 ports are there

ss--------------show the how many ports are running in linux server

how to show the private ip

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ifconfig

ip addr

ip address show

ip a s

how many nic cards attached server

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ifconfig

enx0--------primary nic card

how to attach new nic card

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aws

search network interface

click on network interface

give name

next server subnet id

create network interface

then select network interface attach to server

then

check ifconfig ---------show the two nic cards

then server also came two ip address

then remove nic card----detach network interface

full imformation of nic cards

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go to cd /etc/sysconfig/network-scripts

ls

cat ifcfg-eth0

how to check public ip

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curl ifconfig.me

metadata

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new instance create when advanced settings metadata vaersion

change to v2-v1

means token to optionl

already existing instance

select server

go to action

instance settings

click on modify metadata

give optional

modify

then command curl://169.254.169.254/latest/meta-data/

then give result like

ami-id

ami-launch-index

ami-manifest-path

block-device-mapping/

events/

hostname

identity-credentials/

instance-action

instance-id

instance-life-cycle

instance-type

local-hostname

local-ipv4

mac

metrics/

network/

placement/

profile

public-hostname

public-ipv4

public-keys/

reservation-id

security-groups

services/

ex:curl://169.254.169.254/latest/meta-data/security-groups

curl://169.254.169.254/latest/meta-data/local-hostname

curl://169.254.169.254/latest/meta-data/public-ipv4

echo

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echo "hello world"

print the hello world

echo "hello world" > hello.txt

hello.txt file saved

to replace the content in hello.txt

echo "hai" > hello.txt

to add some more lines

echo "hai linux" >> hello.txt

how to copy the website domain imformation to file

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dig google.com > file.txt

traceroute google.com > file.txt