Day -04

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ec2

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--elastic cloud computing

--to create a virtual servers

in aws terminology servers is called instances

How to create a server in aws

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----login to aws account

----search in ec2 service

-----launch instances

------give any name of server

-------select os -----default amazon linux

-------architecture 64bit

--------instance type(cpu,ram) t2-micro/t3-micro ---free tire eligible

-------key pair (.pem)

------security group(ssh,https,http)

------storage/harddisk (8gb)

-------number of instances(1)

-------launch instance

to create a server

running---running the server

stopped-----stopped the server/re start the server

terminated----deleted the server

----server id

----public ip

----private ip

----public dns name(domain name service)

----private dns name(domain name service)

os:

operating system

its a mediater

its interface between computer and user

machine language 01010101010101011

human language .....................english

its take the human request to convert into machine lunguage then machine understand and give some

result in machine launguage then os convert to human lunguage to output users

unix

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1969

A$T Bell company

ken thompson$dennis ritchi

c , kobal

unix os

paid version

no open source

apple----mac

ibm----iax

hp------hp

solaries----solaries

Linux

=====

1991

FSF---free software foundation

linus torvald

linus+unix=linux

free

open source

redhat-------redhat linux

centos--------centos linux

fedora ---------fedora linux

ubuntu---------ubuntu linux

suse----------suse linux

kali -------------kali linux

amazon -----------------Amazon linux

0s

===

windows---gui---paid

mac

aix

uix

hp

linux......................

why u choose linux

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------free

------open source

-------fast

-------secure

-------no gui

-------cui--character user interface

-------CLI---command line interface

where it is used

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1.smartphone

2.robotics

3.advanced cars

4.satelites

5.tv remotes

how to connect servers

===================

using tools

1.putty

2.mobaxterm

3.gitbash

4.kitty

mobaxterm

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=====download mobaxterm free version

======install mobaxterm

========open the mobaxterm

=========click on sessions

========enter remote host------enter public ip of the your server

=========advanced settings

=========your create key pair pem

=====ok--accept

login as ----ec2-user

ec2-user@ip:1.2.3.4

ec2-user----user name

1.2.3.4-----private ip