Devops Day 10

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process

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to execute the programme background is consider process

process management

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to manage the process/controlling the process is consider process management

foreground processes

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to process run one by one is called foreground processes

Ex:vim,cat,touch,head,tail

background processes

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its run the process by background like as deamon 24/7 is called background process

Ex:systemd

initd

kernal

bash

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pid

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every process has one id is called process id

How to check how many process are running

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1.ps---->show the only one terminall process

2.ps -a-->show the all terminal foreground process

3.ps -e--->show the all terminal foreground /background process also

4.ps -f---->its show the parent processes

5.ps -aux-->its show the all process

6.ps -faux--->its show the all processes with parent processes also

7.top------>its show the all process with imformation fully

how to terminate the process

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Ex:kill pid

Ex:kill 1234

terminate the process

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w

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How many users logging in one server

who

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How many users logging in one server with public ip

uptime

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its showing the cpu utilization

free

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its showing the full imformation of ram storage

free -h

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its showing the ram utilization human format

free -m

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its showing the ram utilization mb format

free -k

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its showing the ram utilization kb format

Package Management

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its using to install

update

uninstall the softwares or tools

1.rpm---old version--redhat package manager

2.yum---yellowdog update modifier

3.dnf----updated version----Dandified YUM

Install the softwares

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but mostly using ---YUM

Ex:yum install java

asking for permission yes/no

yum install java -y

without permission install java application

Update the Softwares

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Ex:yum update java

asking for permission yes/no

yum update java -y

without permission update the java application

uninstall the softwares

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Ex:yum remove java

asking for permission yes/no

yum remove java -y

without permission uninstall the java application

How to start the service

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systemctl start servicename

Ex:systemctl start httpd

How to stop the service

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systemctl stop servicename

Ex:systemctl stop httpd

How to status the service

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systemctl status servicename

Ex:systemctl status httpd

How to restart the service

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systemctl restart servicename

Ex:systemctl restart httpd

Process management Daigram

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