

# NOTES

Day of \_\_\_\_\_

# YuniQ

## Cloud

### 1) Web services

- Open NetBeans
- File - New Project - Java web - Web application -  
next - Java EE Version 5 - Finish
- Calculator - New - WebService



Service Name - Calcserv + Package - Calcpackage

- Calculator - Webservices - Calcserv - add operation -  
Name: add, Parameter name a: int, b: int, Final

```
Public int add (int a, int b) {  
    int c = a + b;  
    return c;  
}
```

Calculator - Clean + Build - Deploy

Calculator - Calcserv - Test web service

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
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1) File - New Proj - Web Service - Calculator -  
Java EE

Calculator - New - Web Service - Cloud

• Project - Calculator - Calculator - at finish

Calculator - New - JSP - Calculator - finish

Web Service Reference  Calculator  
my drop ads

clean + build + deploy → Run file

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2 Racing Car - Cloud Simulator

File - New - New - Java Project → Create

<sup>(Proj Name)</sup>  
CSE Proj - Properties - Java build Path

Proj Name - import - File System - Browse Directory  
- CloudSim → select folder - ☒ cloudsim, finish

Proj Name - example - ~~org. cloudsim~~ . cloudsim . example .  
org. cloudbrgs cloudsim . example <sup>four</sup>

ex 1 - Run As - Java application

Properties remove 3.6.1

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3 VM Creation

Back & new VM - Install disk - Linux - CentOS-  
high disk - Customizing Hardware

Memory increase

Process - Day

Install CentOS 7 with Encalypus

Ship - ok - Next - Download - <sup>Station</sup> root

192.168.12.20, 255.255.255.0

192.168.12.1, 8.8.8.8

192.168.12.202 - 210

Replace <sup>existing</sup> - Web changes

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Index <sup>24</sup> Times

Encalypus user, console - Understand Such  
add exception

done

admon

for password

back not login - edit ing, must  
back now we, credit download, etc  
Key 1. perm

Priority 999 - now, diff - the IP

Launch website

System tool - login - &gt; cd download

chmod 400 Key1, perm

ssh -i key1. perm Cloud - now 192.168.

Blank to create VM

Actions - More actions - attach volume

name, not size create volume.

Storage - Snapshot @ more actions

attach to instance - JD - Attach.

6 Hadoop installation

Java - Jdk - bin add path } export

hadoop - bin - path

mapred - site, XML, Template - P2

# Hadoop -> data -> New -> folder

hadoop2 - etc - hadoop - hdfs into config copy

start - end

start - all. end

hdfs namenode - format



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## 8 Map Reduce

Hadoop 2.8 → data → datanode → Current  
delete Version

\$bin → cmd

hdfs namenode -format, Y

Start - all cmd

dfs

hadoop fs mkdir / input - dir

hadoop fs -put C:/input - file.txt / input - dir

hadoop fs -ls / input - dir /

hadoop dfs -cat / input - dir / input - file.txt

hadoop jar C:/MapReduce/Client.jar wordcount / input - dir /  
output

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## 9) Map + Reduce Group

hadoop - mapreduce - example - 2.8.0.jar  
gs / input - dir / new.txt / input - dir / output  
CSE

localhost 50070