**SAP HANA**

**INSTALLATION STEPS OF SAP IN OPERATING SYSTEMS**

Today will see the installation steps.

* You have to select the OS.
* Ready with hardware like CPU, RAM, and HARD DISK.
* Create partitions as follows.
  + C: 150 GB only for OS.
  + D: 500 GB Application & DB.
  + E: 100 GB for Dumps.
* You need software and download from Service Market Place (SMP) from where you can download anything.
* EXPORTS 1 to 12 depending upon version.
* Kernel for same release.
* DB software like oracle.
* Then you need client for DB.
* SWPM: Till 2012 we install through SAPINST: they introduce SWPM.
* Software provisioning manager: install, rename, syscopy, import, export, kinds of activities can be done.
* You install OS 2012 R2 then have 20 GB swap space.
* Define network card with proper IP like ex: 192.168.0.10.
* Define HOSTNAME with domain like test.sap.com fully qualified domain name (FQDN).
* Need install JAVA some times SWPM have inbuilt JVM Java virtual machine.
* In installation need to install DB first: Oralce, DB2,Sybase, Maxdb, Sql server once done successfully.
* Then start installing Application server.
* First of all will make one VM vare system with 60 ans d 110 gb partitions.
  + C:\OS windows sever.
  + D:\DB & Application.
* Completed OS installation.
* Main points would be
  + 1.Hostname.
  + 2. Swap memory I
  + 3. Network address ex 192.168.0.102
* We are copying software through network into target system
* We need assign swap size in
  + E:\ 10GB.
* First we need install Oracle...
* Then install application server through SWPM
* In linux we need prepare file
  + system/
  + /root
  + /var
  + /Tmp
  + /Dump 150
  + /backup 1 tb
  + /Sapdata1 to sapdata5 300 Gb
  + /oracle 300gb
* After OS installation we can launch SWPM directly no need install oracle at first step; in between of installation it will ask for oracle installation at that start installing oracle once finished start with application again.