

1) Virtual Box

Oracle VM VB is a cross platform virtualization software that allows us to extend our existing computer to run multiple OS at same time.

2) Virtualization: Virtualization is a process of creating virtual Machine which includes hardware properties platform, storage device etc. It is the ability of sharing physical instance of a single source to many organisations.

3)

Virtualization	Cloud	Data Centre
i) It can also be treated as software that manipulate hardware	It is a service which is the result of the manipulation.	data centre is an off prime for form of cloud computing.
ii) foundation element of cloud computing.	delivery of shared resources as a service -on-demand via the internet	

4) Disadvantages of system VM:-

* There's still an overhead of the virtualization solution which is used to run and manage a VM, so performance of VM will be somewhat slower compared to a physical system with comparable configuration.

* Cost * Performance * Efficiency * Complexity.

5) Importance of storage security:-

* This ensures that only authorized and legitimate users store, access and use storage resources.

* Enables better security of any storage resource.

6) Sensor Cloud:-

- * It is a new paradigm for cloud computing that uses the physical sensors to accumulate its data and transmit all sensor data into a cloud computing infrastructure.
- * handle sensor data efficiently.

7) Hypervisor:-

- * The Hypervisor monitor provides the most control, flexibility and performance, because it is not subject to limitations of host OS.
- * It relies on its own software drivers for hardware.

8) Commercial / open source:-

- * The upside is that it's free - (Open source) and can be had for the price of a download Github.
- * The downside, open source is not mature as commercial.
- * Lack of profit motive can significantly delay releases compared to commercial world.