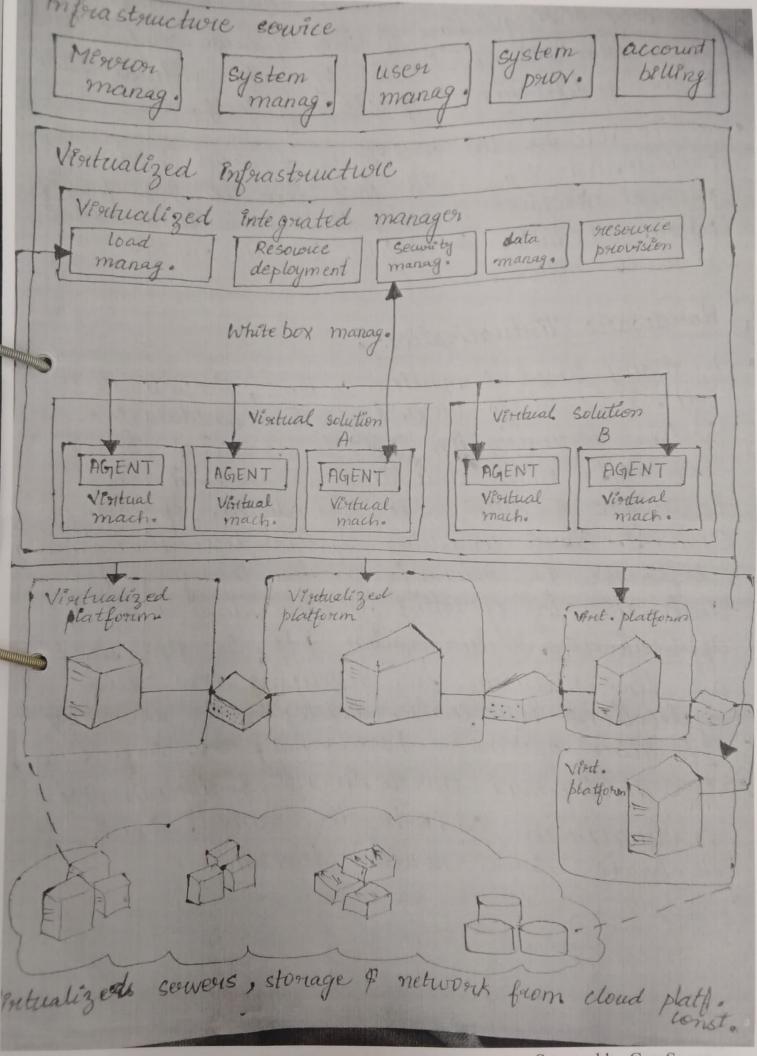
One very infrastruct guisting feature of cloud computing Infrastructure is the use of system virtualization to provisioning tools.

As the modification to provisioning As the VMs are the containers of cloud sources, the provisioning tools will first find the corresponding physical machines & deploy the VMs to those modes before scheduling to the school of the scho before. Scheduling the service to run on the vintual nodes. Hardware Virtualization.

In many cloud computing systems, virtualization Soft. is used to virtualize the hardware. System virtualization soft. is a special kind of soft. which smillates the execution of hardware & nuns even unmodified operating Systems. Cloud computing systems use virtualization soft. as the nunning env. for legacy soft. applications. Virtualization soft. Is also used às the platform for developing new cloud applications that enable developers to use any operating systems of programming env. they like.

The development envisionment & deployment envisionment can now be the same, which eliminates some noutine problem.



public clouds in the context of virtualization.

Support: AWS; Microsoft azure, & GAE, AWS

provides extreme. flexibility (VMs) for users to

execute their own applications. GAE provides limited
application level virtualization for users to

build application only based on the services that

are executed by Gaggle. Microsoft provides program
ming - level virtualization [.NET Virtualization) for

users to build their applications.

The Xent nterposise tool applies only to Xen-based servers. Everyone & interested in the cloud; the entire IT industry is moving toward the vision of the cloud.

Storage Virtualization for green data centres:

Recent surveys from both DC & Gartner conform
the fact that virtualization had a great
impact on cost reduction from reduced
power consumption in physical computing
Systems. This alauming situation has made
the IT industry become more energy—aware
With little evolution of alternate energy

sessives, there is an imminent need to conserve power in all computers. Violaticalization & server consolidation have abready proven handy in this aspect. Green data centures & tenefits of storage virtualization are considered

to further strengthen the Synergy of