

XEN and KVM in INFN production systems and a comparison between them

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Virtualization allow multiple virtual machines to run on a bare bone single hardware.

There are many benefits in using Virtualization, fast disaster recovery, OS and software testing, maximization of hardware resources, server consolidation.

INFN is using open source virtualization in different contexts mainly with Xen, but KVM is an interesting emerging technology ready for production systems.

We will show how Xen is used inside INFN, and how KVM may be used as well, comparing the two different solutions.

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