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## **VirtualGILDA: a virtual t-infrastructure for system administrator tutorials**

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In the Grid dissemination activity, teaching of Grid elements installation covers a very important role. While in tutorials for users availability of accounts and certificates is enough, in those ones for administrators a certain number of free machines is needed, and the requirements for a Grid-middleware compliant operating system also occurs.

The VirtualGILDA infrastructure for training aims at offering a set of Virtual Machine (VM), hosted in Catania and based on VMWare technology, with a pre-installed OS and net connectivity: in this way tutors have all the needed machines ready to use. They only need a reliable access to the Internet.

The presence of pre-installed Grid element is also possible, in order to provide tutors with a set of preconfigured machines ready to interact with elements that will be installed during the tutorial.

The use of VMWare technology is also suitable for on site tutorials, to avoid problems deriving from the wide range of machine and OS type available on each training site. Using VMs the only requirement is the presence of machines that can run VMPlayer , i.e. Linux or Windows hosts.

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