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Virtualization in Education - Information Security lab

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The growing demand for qualified IT experts raises serious challenges for the education and training of young professionals who would answer scientific, industrial and social problems of tomorrow. Virtualization has a great impact on education allowing to increase its efficiency, to cut costs and to expand student audience abstracting users from physical characteristics of computing resources. Simulation and quick deployment of custom environments and even entire networks with possibility to put theoretical concepts straight away in real-world practice opens new doors for learning experience both in the classroom and remotely. With the advances of computing technologies something unthinkable 10 years ago is becoming a commodity and a standard in information technology education.

After a short overview of some general virtualization principles the virtual labs as a study tool will be

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