UAPO – Introduction into computer administration

Virtualization

This course covers the installation and administration operation system Windows Vista. To be able to install this system it would require several computers which to be determined. With VMware virtualization server but this is not necessary.

Using the VMware and vSphere client is possible create a virtual machine using a client and a remote connection to access it. With a client computer we can turn on, turn off and restart. If we don't need these operations with computer to perform, just give us only a remote access connection to your computer. Through remote desktop we can control the virtual machine, as if it were a physical computer. Work with the virtual machine is almost no different from working with a classical computer. In addition, we can log in to multiple accounts at once. Just like on a normal computer, but it is important to keep your computer safe, ie have installed antivirus program that we will update and implement installation of the Service Pack, which corrects errors in the original version of the operation system.

At the beginning of the course we got an ID of computer and access data. On this virtual machine we have installed the operating system Windows Vista, configure partitions and format them. In addition we did the basic settings of the operating system. After this basic setup, we installed an antivirus program and all available Service Packs. In other lessons we focused on user profile settings, creating additional user accounts, groups, and assigning rights. We also tried sharing files and printers. We don't forget to create a backup restore points.

Using virtualization in the classroom is very useful. Without its use would have to teach this course, for example, to reserve classroom with several PC stations where students could try to install operation system on the computer and indeed the whole of his administration. This solution, however, would be very costly. Therefore, a better solution using a virtual machine. Students at different times physical computer can fully exploit the teaching of other subjects. This operation is not compromised other students who learns on the same computer, install the OS, add or remove rights to files and folders, install programs, etc. Virtual PC is basically a stand-alone unit that runs on a physical PC. Common user not recognize the difference .

This course is useful for those who want to learn about computer administration. I think in this course are discuss important things that definitely I will use during common work on computer.

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