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This document is created for answering questions which will be asked during Born2BeRoot project evaluation in Ecole 42 School.

Born2BeRoot

How Does a Virtual Machine Work?

Virtual Machines create virtual hardware components. In order to virtualize physical hardware, they use hypervisors. Hypervisors are software which creates virtual hardware. The name comes from supervisor. Usually kernels are the software which controls the machine and they are called supervisor. So hypervisors are the supervisor of supervisors thus they are called hypervisors. Hypervisor works on the real hardware called host machine, hypervisor which created the virtual machine called guest machine.

There are 2 types of virtualization:

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