



Work-case 3

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Task 1

Sub-task 1

to create a copy of a virtual machine, you must first take a snapshot of it in the virtual machine itself, then make a full clone in the virtual machine manager to clone the entire OS.

For more correct operation, you need to configure the OS

Sub-task 2

To export a virtual OS from VirtualBox, you need to download the OS in OVA format, this is a universal format supported by many type 2 hypervisors.

Then in VMware, we select import virtual machine and upload our file there



Task 2

- Network Address Translation (NAT) is the simplest type of connection. The virtual machine receives a private IP address and connects to the network through a network gateway on the host machine. This allows the virtual machine to access the Internet, but hides its real IP address.
- Network bridge (Bridged) - this type of connection connects the virtual machine directly to the physical network. A virtual machine receives its own IP address from a DHCP server on the network and can interact with other devices on the network just like a physical computer.
- Host-only virtual adapter - this type of connection creates an isolated network between virtual machines and the host machine. Virtual machines are assigned private IP addresses and can only communicate with each other and the host machine.



Task 2

- An internal network (Internal Network) is an isolated network that connects only virtual machines. It does not have direct access to the external network. This is ideal for isolating virtual machines from each other.

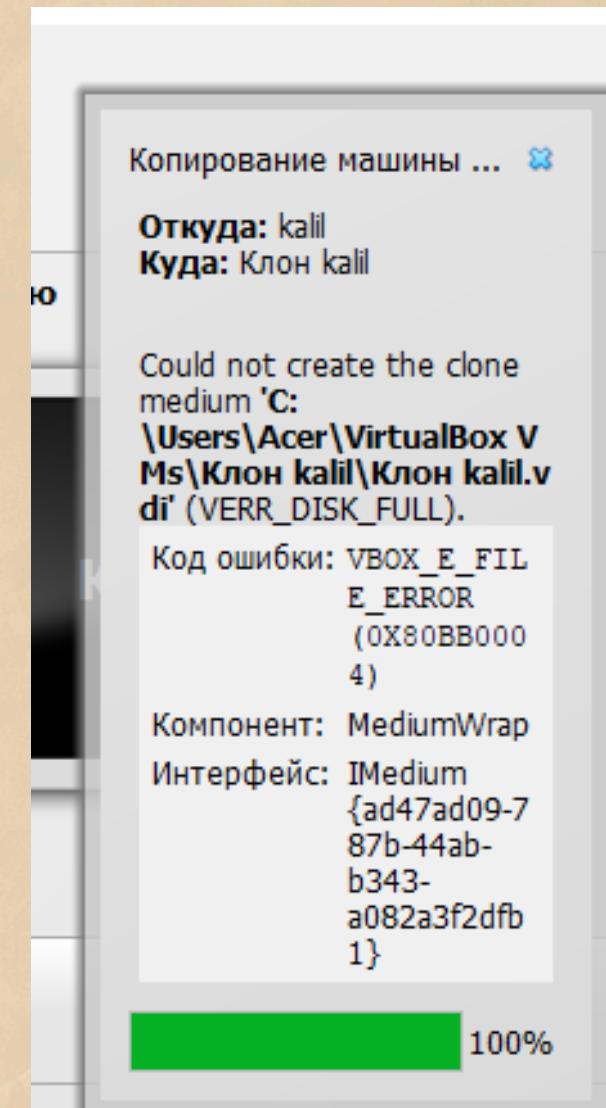


Task 3

- Tools :

failed to make a copy of the virtual OS

- Materials :













Thank You