**1. Install a Type II hypervisor on your home workstation – VirtualBox, VMWare Workstation, Hyper-V (or another of your choice).**

**2. Describe the set of basic actions in the installed hypervisor:**

* **Creating a new virtual machine**
* **Selecting/adding available hardware for the virtual machine**
* **Configuring the network and connecting to Wi-Fi access points**
* **Working with external storage devices (flash memory**)

**1. Creating a New Virtual Machine: (VirtualBox)**

* Open VirtualBox and click on the "New" button.
* Enter the name of the virtual machine and choose the type and version of the operating system (e.g., Windows, Linux).
* Set the amount of memory (RAM) for the virtual machine.
* Create or select an existing virtual hard disk for the VM.
* Click "Create" to finalize.

**2. Selecting/Adding Available Hardware:**

* After creating the VM, go to "Settings" for the virtual machine.
* In the "System" section, adjust CPU and RAM settings.
* Under "Storage," you can add or remove virtual hard disks and optical drives.
* In the "USB" section, you can enable USB controllers to work with external devices like flash drives.

**3. Configuring the Network and Connecting to Wi-Fi:**

* Go to the "Network" section in the VM settings.
* Choose the network adapter type (e.g., NAT, Bridged Adapter) depending on your networking needs.
* If using Bridged Adapter, you can access the internet via your Wi-Fi, making the virtual machine use the host machine's Wi-Fi connection.

**4. Working with External Storage Devices (flash memory):**

* In the VM settings, go to "USB" and enable USB controllers.
* After starting the VM, insert your USB device into the host machine.
* In VirtualBox, go to "Devices" -> "USB" and select the connected device to mount it to the virtual machine.