LK LearnKey

Virtual Machine Requirements

One aspect of virtual machines that is often overlooked is that of security. Just because virtual machines are contained within a hypervisor does not mean they are automatically isolated from a network. Virtual machines need the same due diligence on security as physical machines.

One significant advantage of virtual machines, as addressed earlier in this domain, is the elasticity of their resources, as technicians can adjust their settings for increasing or decreasing workloads on these machines.

Purpose

Upon completing this project, you will better understand both resource and security requirements for virtual machines.

Steps for Completion

1. What are the two primary resources on physical machines that virtual machines use?

   a. _____

   b. _____

2. Open the System Information window on your device.

3. How much physical RAM is on your device?

   a. _____

4. If you are running virtual machines on your device, what is the total amount of RAM in use on your virtual machines?

   a. _____

5. Should a virtual machine have the same Windows updates applied to it as the physical machine on which the virtual machine resides?

   a. _____