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Purpose of Virtual Machines

Virtual machines can replace physical desktop machines. However, virtual machines have many other uses, which avoid disrupting physical network services and devices. Technicians and administrators should utilize these capabilities to implement virtual machines in testing and production environments.

Purpose

Upon completing this project, you will have expanded knowledge of the purposes of virtual machines.

Steps for Completion

1. A developer needs to test a new app in an isolated environment. What type of virtual machine should the developer set up for this environment?

   a. _____

2. A legacy app needs to run on multiple operating systems. How can one distribute the app to accomplish this need?

   a. _____
      _____
      _____

3. What can a tester do on a virtual machine to ensure that, when testing an app, they isolate the virtual machine from an organization's main infrastructure?

   a. _____
      _____
      _____

4. A legacy app needs to run within a business, but administrators are concerned about the app's vulnerability as the app is no longer receiving security updates. How can the app be distributed to an organization's infrastructure with the least risk?

   a. _____
      _____
      _____