Week 8 Assignment B

1. Which of the following is a container engine? Create Docker containers!
   a. Culler  
   b. Docker  
   c. Firefox  
   d. VirtualBox

2. Why doesn’t Culler build Docker images and create Docker containers?
   a. Slow  
   b. Fast  
   c. Don’t need to  
   d. Not supported by Culler

3. Identify the following test statements:
   a. Statement 1: True and Statement 3: False  
   b. Statement 2: True and Statement 3: True  
   c. Both statements are True  
   d. Both statements are False

4. Which of the following is a virtual machine?
   a. VirtualBox  
   b. VirtualStation  
   c. VirtualCuller  
   d. None of the above

5. Statement 5: Cloud is a way to manage server network load balancing (load balancer) between the server instances. If the cloud network is configured correctly, it will ensure that network traffic is distributed to the best service.
   a. True  
   b. False

6. Which of the following is true about virtual machines? (Select all that apply)
   a. Virtual machines allow for the creation of multiple operating systems within a single physical machine.  
   b. Virtual machines are used to run applications that require access to specific hardware components.  
   c. Virtual machines provide a flexible and cost-effective alternative to traditional hardware solutions.  
   d. Virtual machines are only suitable for high-performance computing tasks.

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8. Which of the following is a benefit of using virtual machines?
   a. Improved hardware utilization  
   b. Increased security  
   c. Reduced management costs  
   d. All of the above

9. Which of the following is a virtual machine?
   a. VirtualBox  
   b. VirtualStation  
   c. VirtualCuller  
   d. None of the above

10. Which of the following is a true statement about virtual servers?
    a. Virtual servers provide a decentralized view to users using distributed and localized resources.  
    b. Virtual servers are used to load balance the workload across the server instances.  
    c. Virtual servers simplify the management of the server infrastructure and reduce maintenance costs.  
    d. Both statements are true.