

Assistive CEU Technology™ QUIZ

Certified Professionals may earn .2 CEUs by completing quizzes based on selected articles in each issue of the *Assistive Technology* journal.

Each quiz is 12 questions in multiple-choice or true-false format. You must answer nine questions correctly (75%) to earn the .2 CEU credit. Results of the quiz will be emailed (or mailed by request) upon completion.

Complete the quiz by circling the correct answers. Mail or fax the completed quiz with payment to RESNA Quizzes, 1560 Wilson Blvd, Suite 850, Arlington, VA 22209. FAX: (703) 524-6630.

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Other quizzes from Assistive Technology Journal articles may be found on the RESNA website (www.RESNA.org). The primary program learning objective is to keep abreast of current findings and practices in assistive technology, research and rehabilitation engineering.

Was the content of the article relevant to current AT practice? Yes No
Was reading the article and completing the quiz a good way for you to learn? Yes No

A. 27.1c Quiz – Providing AT Applications as a Service through Cloud Computing

1. What are the resources called that can be considered as software implementations of a real computer able to execute an operating system and programs just like a physical machine?
 - A. Cloud Devices (CDs)
 - B. Virtual Machines (VMs)
 - C. Artificial Apparati (AAs)
 - D. Visual Machines (VMs)

2. What can users work on so that they don't need an up-to-date hardware to interact with a working computer environment?
 - A. a large tablet with internet capabilities
 - B. a virtual network computer with modified applications
 - C. a thin-client computer with a web browser
 - D. desktop applications with a powerful modem

3. *Firefoxia*, a web browser customization toolbar, is designed to support people dealing with what affliction?
 - A. blindness
 - B. deafness
 - C. dexterity issues
 - D. dyslexia
 - E. autism

4. What is the name of the international project funded by the 7th Framework Programme of the European Union that will advance the concept of the Global Public Inclusive Infrastructure (GPII)?
 - A. *Cloud4all*
 - B. Icloud9
 - C. Vcloud14
 - D. Cloudi2

5. What is a primary function of the Remote Frame Buffer (RFB) protocol?
 - A. it decodes the keyboard events onto a networked computer
 - B. it transmits the keyboard and mouse events from one computer to another
 - C. it publishes graphical screen updates onto remote screens
 - D. it shares data via mouse movements with other mice

6. What are the main elements of a standard VNC system?
 - A. a VNC receiver and a VNC customer
 - B. a VNC protocol and a VNC receiver
 - C. a VNC protocol, and VNC client and a VNC server
 - D. a VNC server, a VNC protocol, and a VNC receiver

7. What is the name of the proxy that runs in the background and listens for TCP connections from the web application.
 - A. Green Bean proxy
 - B. Plantain proxy
 - C. Guava proxy
 - D. Guacamole proxy

8. What is the name of a middleware which allows control over a Linux-based cluster environment in which several VMs can be dynamically managed?
 - A. IaaS Cloud
 - B. Remote Desktop
 - C. Clever
 - D. Cunning
 - E. Virtual Infrastructure

9. What is one substantial drawback of text-to-speech application, such as a screen reader?
 - A. it could experience translation glitches
 - B. it could experience unacceptable delays
 - C. the voice output could become garbled and inaudible
 - D. the audio signal could compress but then not decompress

10. How can VMs be transferred inside the private Cloud?
 - A. through innovative uploading techniques
 - B. by means of VM transfiguration methods
 - C. through VM migration techniques
 - D. through revolutionary icloud penetration techniques

11. What does the virtual machine run in order to numerically estimate the time delay in displaying an entire video frame?
 - A. a custom Java desktop application
 - B. a customized icloud application
 - C. a series of dreamweaver demonstrations
 - D. a customized LAN connection

12. Approximately what is the mean delay time using the LAN connection?
 - A. 1843 ms
 - B. 384 ms
 - C. 834 ms
 - D. 1384 ms