

q1 On the hardware side, a web server is a computer that stores web server software and a website's component files the software side, a web server includes several parts that control how web users access hosted files

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- Nginx
- Apache
- OpenResty.

q3 Virtualization enables the hardware resources of a single computer—processors, memory, storage and more—to be divided into multiple virtual computers

q4 VirtualBox is cross-platform virtualization software. It allows users to extend their existing computer to run multiple operating systems including Microsoft Windows, Mac OS X, Linux, and Oracle Solaris, at the same time.

q5 a computer system created using software on one physical computer in order to emulate the functionality of another separate physical computer

q6 Ubuntu Server is a version of the Ubuntu operating system designed and engineered as a backbone for the internet

q7 What Is a Firewall? - Cisco A firewall is a network security device that monitors incoming and outgoing network traffic and decides whether to allow or block specific traffic based on a defined set of security rules.

q8 SSH or Secure Shell is a network communication protocol that enables two computers to communicate