It refers to the measures that are taken to protect cloud-based systems, data, and services from unauthorized access, use, disclosure, disruption, modification, or destruction. This includes protecting against cyber threats such as hacking, malware, and ransomware, as well as ensuring compliance with relevant laws and regulations.

The correct answer is: Cloud security

The use of digital signing that ensures the integrity and authenticity of modules, drivers, and applications as they are loaded by the kernel (e.g., VMkernel).

The correct answer is: Kernel module integrity

The purpose of the \_\_\_\_\_\_\_\_\_\_ is to move traffic between ports in community or isolated VLANs. The promiscuous port can be a trunk port or an access port.

The correct answer is: Promiscuous ports

These ports communicate with other ports in the same community and with the promiscuous port. Ports in different communities cannot communicate with one another. Put another way, a port that is assigned to a community VLAN is a \_\_\_\_\_\_\_\_\_\_\_.

The correct answer is: Community ports

Refers to a compact footprint ensures fewer patches and smaller attack area making it less prone to threats due to the absence of arbitrary code.

The correct answer is: Thin-hypervisor strategy

A platform security does not require an underlying OS for installation onto a physical server making attacks in this aspect difficult because it is bare-metal.

The correct answer is: Type 1 hypervisor (or bare-metal hypervisor)

Refers to uses a mix of processor, chipset, and Trusted Platform Module (TPM) to detect and/or prevent software-based attacks such as Attempts to insert rootkit hypervisor (e.g., the “blue pill” malware), Attacks designed to compromise platform secrets in memory, and BIOS and firmware update attacks.

The correct answer is: Trusted Execution Technology

It is a technique that anticipates client and server behaviours before they occur, executes predicted transactions ahead of client activity, and removes unneeded actions.

The correct answer is: Application Acceleration

Refers to a network configuration in which devices that are not physically connected are logically grouped together as if they were on the same LAN.

The correct answer is: VLANs

Refers to a special type of VLAN that is used to isolate traffic within a single VLAN. They are used to create a layer of separation between different groups of devices within a VLAN, while still allowing them to communicate with each other.

The correct answer is: Private VLANs