



640-554^{Q&As}

Implementing Cisco IOS Network Security (IINS v2.0)

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QUESTION 1

Which statement about PVLAN Edge is true?

- A. PVLAN Edge can be configured to restrict the number of MAC addresses that appear on a single port.
- B. The switch does not forward any traffic from one protected port to any other protected port.
- C. By default, when a port policy error occurs, the switchport shuts down.
- D. The switch only forwards traffic to ports within the same VLAN Edge.

Correct Answer: B

http://www.cisco.com/en/US/tech/tk389/tk814/technologies_configuration_example09186a008017acad.shtml NotE.
Some switches (as specified in the Private VLAN Catalyst Switch Support Matrix) currently support only the PVLAN Edge

feature. The term "protected ports" also refers to this feature. PVLAN Edge ports have a restriction that prevents communication with other protected ports on the same switch. Protected ports on separate switches, however, can communicate

with each other. Do not confuse this feature with the normal PVLAN configurations that this document shows. For more information on protected ports, refer to the Configuring Port Security section of the document Configuring Port-Based

Traffic Control. http://www.cisco.com/en/US/docs/switches/lan/catalyst3550/software/release/12.1_13_ea1/configuration/guide/swtrafc.html

Configuring Protected Ports

Some applications require that no traffic be forwarded between ports on the same switch so that one neighbor does not see the traffic generated by another neighbor. In such an environment, the use of protected ports ensures that there is no

exchange of unicast, broadcast, or multicast traffic between these ports on the switch.

Protected ports have these features:

A protected port does not forward any traffic (unicast, multicast, or broadcast) to any other port that is also a protected port. Traffic cannot be forwarded between protected ports at Layer 2; all traffic passing between protected ports must be

forwarded through a Layer 3 device.

Forwarding behavior between a protected port and a nonprotected port proceeds as usual.

The default is to have no protected ports defined.

QUESTION 2

What is the key difference between host-based and network-based intrusion prevention?

- A. Network-based IPS is better suited for inspection of SSL and TLS encrypted data flows.



- B. Network-based IPS provides better protection against OS kernel-level attacks against hosts and servers.
- C. Network-based IPS can provide protection to desktops and servers without the need of installing specialized software on the end hosts and servers.
- D. Host-based IPS can work in promiscuous mode or inline mode.
- E. Host-based IPS is more scalable than network-based IPS.
- F. Host-based IPS deployment requires less planning than network-based IPS.

Correct Answer: C

http://www.cisco.com/en/US/docs/solutions/Enterprise/Data_Center/ServerFarmSec_2.1/8_NIDS.html

Cisco Network-Based Intrusion Detection -- Functionalities and Configuration

This chapter highlights the need for and the benefits of deploying network-based intrusion detection in the data center. It addresses mitigation techniques, deployment models, and the management of the infrastructure.

Intrusion detection systems help data centers and other computer installations prepare for and deal with electronic attacks. Usually deployed as a component of a security infrastructure with a set of security policies for a larger, comprehensive

information system, the detection systems themselves are of two main types. Network-based systems inspect traffic "on the wire" and host-based systems monitor only individual computer server traffic. Network intrusion detection systems

deployed at several points within a single network topology, together with host-based intrusion detection systems and firewalls, can provide a solid, multi-pronged defense against both outside, Internet-based attacks, and internal threats,

including network misconfiguration, misuse, or negligent practices. The Cisco Intrusion Detection System (IDS) product line provides flexible solutions for data center security.

QUESTION 3

What features can protect the data plane? (Choose three.)

- A. policing
- B. ACLs
- C. IPS
- D. antispoofing
- E. QoS
- F. DHCP-snooping

Correct Answer: BDF

Reference: <http://www.ciscopress.com/articles/article.asp?p=1924983andseqNum=5>



QUESTION 4

When a company puts a security policy in place, what is the effect on the company's business?

- A. minimizing risk
- B. minimizing total cost of ownership
- C. minimizing liability
- D. maximizing compliance

Correct Answer: A

QUESTION 5

DRAG DROP

Select and Place:

Drag the items from the left and drop them on their functions on the right.

control plane	secures transit traffic through the router
data plane	secures router access
management plane	secures traffic destined to the router itself

Correct Answer:

Drag the items from the left and drop them on their functions on the right.

	data plane
	management plane
	control plane



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