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Time taken 11 mins 35 secs

Grade 50.00 out of 50.00 (100%)

Question **1**

Complete

Mark 1.00 out of 1.00

IntServ provides a way to deliver the end-to-end QoS that real-time applications require by explicitly managing network resources to provide QoS to specific user packet streams, sometimes called microflows.

Select one:

- True
 False

The correct answer is 'True'.

Question **2**

Complete

Mark 1.00 out of 1.00

Simple Network Management Protocol (SNMP) was developed to allow administrators to manage nodes such as servers, workstations, routers, switches, and security appliances, on an IP network.

Select one:

- True
 False

The correct answer is 'True'.

Question **3**

Complete

Mark 1.00 out of 1.00

What is an SNMP management agent?

Select one:

- a. a communication protocol that is used by SNMP
 b. a database that a device keeps about network performance
 c. software that is installed on devices managed by SNMP
 d. a computer loaded with management software and used by an administrator to monitor a network

Your answer is correct.

The correct answer is: software that is installed on devices managed by SNMP

Question **4**

Complete

Mark 1.00 out of 1.00

How many levels of priority are possible when using class of service (CoS) marking on frames?

Select one:

- a. 24
- b. 3
- c. 8
- d. 64

Your answer is correct.

The correct answer is: 8

Question **5**

Complete

Mark 1.00 out of 1.00

DHCP is the protocol that automatically assigns a host a valid IP address out of a DHCP pool.

Select one:

- True
- False

The correct answer is 'True'.

Question **6**

Complete

Mark 1.00 out of 1.00

It is an SPAN Terminology which refers to the port that is monitored with use of the SPAN feature
answer Source (SPAN) port

Answer:

The correct answer is: Source SPAN Port

Question **7**

Complete

Mark 1.00 out of 1.00

What is the default queuing method used on the LAN interfaces of Cisco devices?

Select one:

- a. LLQ
- b. WFQ
- c. CBWFQ
- d. FIFO

Your answer is correct.

The correct answer is: FIFO

Question **8**

Complete

Mark 1.00 out of 1.00

In the 802.1X standard, the client attempting to access the network is referred to as the supplicant.

Select one:

- True
- False

The correct answer is 'True'.

Question **9**

Complete

Mark 1.00 out of 1.00

Packets are classified into different flows based on header information including the ToS value.

Select one:

- a. LLQ
- b. CBWFQ
- c. FIFO
- d. WFQ

Your answer is correct.

The correct answer is: WFQ

Question **10**

Complete

Mark 1.00 out of 1.00

It is a type of telnet attack where the attacker may use a list of common passwords, dictionary words, and variations of words to discover the administrative password

Answer:

The correct answer is: Brute Force Password Attack

Question **11**

Complete

Mark 1.00 out of 1.00

Which mode is used to configure SNMP?

Select one:

- a. global configuration mode
- b. interface configuration mode
- c. privileged mode
- d. router configuration mode

Your answer is correct.

The correct answer is: global configuration mode

Question **12**

Complete

Mark 1.00 out of 1.00

It SPAN Terminology which refers to the traffic that enters the switch.

Answer:

The correct answer is: Ingress traffic

Question **13**

Complete

Mark 1.00 out of 1.00

Which statement describes the QoS classification and marking tools?

Select one:

- a. Marking is the identification of which QoS policy should be applied to specific packets.
- b. Classification is performed after traffic is marked.
- c. Classification should be done as close to the destination device as possible.
- d. Marking is the adding of a value to a packet header.

Your answer is correct.

The correct answer is: Marking is the adding of a value to a packet header.

Question **14**

Complete

Mark 1.00 out of 1.00

SNMP is an application layer protocol that provides a message format for communication between managers and agents

Select one:

- True
- False

The correct answer is 'True'.

Question **15**

Complete

Mark 1.00 out of 1.00

CBWFQ extends the standard WFQ functionality to provide support for user-defined traffic classes.

Select one:

- True
- False

The correct answer is 'True'.

Question **16**

Complete

Mark 1.00 out of 1.00

The LLQ feature brings strict priority queuing (PQ) to CBWFQ.

Select one:

- True
- False

The correct answer is 'True'.

Question **17**

Complete

Mark 1.00 out of 1.00

It is a type of telnet attack where the attacker continuously requests Telnet connections in an attempt to render the Telnet service unavailable and preventing an administrator from remotely accessing a switch.

Answer:

The correct answer is: Telnet DoS Attack

Question **18**

Complete

Mark 1.00 out of 1.00

It is an ever increasing requirement of networks today

Select one:

- a. Quality of Service
- b. QoS

Your answer is correct.

The correct answers are: Quality of Service , QoS

Question **19**

Complete

Mark 1.00 out of 1.00

Packets are assigned to user-defined classes based on matches to criteria such as protocols, ACLs, and input interfaces.

Select one:

- a. CBWFQ
- b. LLQ
- c. FIFO
- d. WFQ

Your answer is correct.

The correct answer is: CBWFQ

Question **20**

Complete

Mark 1.00 out of 1.00

VLAN attacks are controlled by disabling DTP and following basic guidelines for configuring trunk ports.

Select one:

- True
- False

The correct answer is 'True'.

Question **21**

Complete

Mark 1.00 out of 1.00

What happens when an edge router using IntServ QoS determines that the data pathway cannot support the level of QoS requested?

Select one:

- a. Data is forwarded along the pathway using IntServ but not provided preferential treatment.
- b. Data is forwarded along the pathway using a best-effort approach.
- c. Data is not forwarded along the pathway.
- d. Data is forwarded along the pathway using DiffServ.

Your answer is correct.

The correct answer is: Data is not forwarded along the pathway.

Question **22**

Complete

Mark 1.00 out of 1.00

Remote SPAN

allows source and destination ports to be in different switches.

Question **23**

Complete

Mark 1.00 out of 1.00

The correct answer is: Remote SPAN

Which model is the only QoS model with no mechanism to classify packets?

Select one:

- a. best-effort
- b. DiffServ
- c. hard QoS
- d. IntServ

Your answer is correct.

The correct answer is: best-effort

Question **24**

Complete

Mark 1.00 out of 1.00

Under which condition does congestion occur on a converged network with voice, video, and data traffic?

Select one:

- a. if a user downloads a file that exceeds the file limitation that is set on the server
- b. if voice traffic latency begins to decrease across the network
- c. if video traffic requests more bandwidth than voice traffic requests
- d. if the request for bandwidth exceeds the amount of bandwidth available

Your answer is correct.

The correct answer is: if the request for bandwidth exceeds the amount of bandwidth available

Question **25**

Complete

Mark 1.00 out of 1.00

Which type of traffic does Cisco recommend be placed in the strict priority queue (PQ) when low latency queuing (LLQ) is being used?

Select one:

- a. video
- b. management
- c. voice
- d. data

Your answer is correct.

The correct answer is: voice

Question **26**

Complete

Mark 1.00 out of 1.00

It is a queuing algorithm which extends the standard WFQ functionality to provide support for user-defined traffic classes.

Answer:

The correct answer is: Class-Based Weighted Fair Queuing

Question **27**

Complete

Mark 1.00 out of 1.00

Which queuing method provides user-defined traffic classes where each traffic class has a FIFO queue?

Select one:

- a. FIFO
- b. WFQ
- c. CBWFQ
- d. FCFS

Your answer is correct.

The correct answer is: CBWFQ

Question **28**

Complete

Mark 1.00 out of 1.00

DHCP

is a mitigation technique to prevent rogue DHCP servers from providing false IP configuration parameters.

The correct answer is: snooping

Question **29**

Complete

Mark 1.00 out of 1.00

It is a queuing algorithm also known as first-come, first-served (FCFS) queuing, involves buffering and forwarding of packets in the order of arrival.

Answer:

The correct answer is: First-In, First-Out

Question **30**

Complete

Mark 1.00 out of 1.00

What mitigation plan is best for thwarting a DoS attack that is creating a switch buffer overflow?

Select one:

- a. Disable STP
- b. Disable DTP
- c. Enable port security
- d. Place unused ports in an unused VLAN

Your answer is correct.

The correct answer is: Enable port security

Question **31**

Complete

Mark 1.00 out of 1.00

The show monitor command is used to verify the SPAN session.

Select one:

- True
- False

The correct answer is 'True'.

Question **32**

Complete

Mark 1.00 out of 1.00

Remote SPAN

allows source and destination ports to be in different switches.

The correct answer is: Remote SPAN

Question **33**

Complete

Mark 1.00 out of 1.00

It is a SPAN Terminology which refers to the traffic that leaves the switch.

Answer: Engree traffic

The correct answer is: Engree traffic

Question **34**

Complete

Mark 1.00 out of 1.00

Delay-sensitive data such as voice is added to a priority queue so that it can be sent first (before packets in other queues).

Select one:

- a. FIFO
- b. WFQ
- c. CBWFQ
- d. LLQ

Your answer is correct.

The correct answer is: LLQ

Question **35**

Complete

Mark 1.00 out of 1.00

Which service is enabled on a Cisco router by default that can reveal significant information about the router and potentially make it more vulnerable to attack?

Select one:

- a. HTTP
- b. LLDP
- c. CDP
- d. FTP

Your answer is correct.

The correct answer is: CDP

Question **36**

Complete

Mark 1.00 out of 1.00

It is a type of DHCP attack where the attacker configures a fake DHCP server on the network to issue IP addresses to clients.

Answer: DHCP spoofing attack

The correct answer is: DHCP spoofing attack

Question **37**

Complete

Mark 1.00 out of 1.00

It is a type of DHCP where the attacker floods the DHCP server with bogus DHCP requests and eventually leases all of the available IP addresses in the DHCP server pool.

Answer:

The correct answer is: DHCP starvation attack

Question **38**

Complete

Mark 1.00 out of 1.00

How can SNMP access be restricted to a specific SNMP manager?

Select one:

- a. Use the snmp-server traps command to enable traps on an SNMP manager.
- b. Define an ACL and reference it by using the snmp-server community command.
- c. Use the snmp-server community command to configure the community string with no access level.
- d. Specify the IP address of the SNMP manager by using the snmp-server host command.

Your answer is correct.

The correct answer is: Define an ACL and reference it by using the snmp-server community command.

Question **39**

Complete

Mark 1.00 out of 1.00

What happens when the memory queue of a device fills up and new network traffic is received?

Select one:

- a. The network device will drop the arriving packets.
- b. The network device drops all traffic in the queue.
- c. The network device sends the received traffic immediately.
- d. The network device queues the received traffic while sending previously received traffic.

Your answer is correct.

The correct answer is: The network device will drop the arriving packets.

Question **40**

Complete

Mark 1.00 out of 1.00

MAC address table flooding attacks are addressed with port security.

Select one:

- True
- False

The correct answer is 'True'.

Question **41**

Complete

Mark 1.00 out of 1.00

What does the FIFO queuing stands for?

The correct answer is: First-In, First-Out

Question **42**

Complete

Mark 1.00 out of 1.00

Packets are forwarded in the order in which they are received.

Select one:

- a. FIFO
- b. WFQ
- c. LLQ
- d. CBWFQ

Your answer is correct.

The correct answer is: FIFO

Question **43**

Complete

Mark 1.00 out of 1.00

The Cisco Discovery Protocol (CDP) is a proprietary Layer 2 link discovery protocol.

Select one:

- True
- False

The correct answer is 'True'.

Question **44**

Complete

Mark 1.00 out of 1.00

What does the WFQ automated scheduling method stands for?

Weighted Fair Queuing

The correct answer is: Weighted Fair Queuing

Question **45**

Complete

Mark 1.00 out of 1.00

Simple Network Management Protocol (SNMP) was developed to allow administrators to manage nodes such as servers, workstations, routers, switches, and security appliances, on an IP network.

Select one:

- True
- False

The correct answer is 'True'.

Question **46**

Complete

Mark 1.00 out of 1.00

It is a queuing algorithm which is an automated scheduling method that provides fair bandwidth allocation to all network traffic.

Answer:

The correct answer is: Weighted Fair Queuing

Question **47**

Complete

Mark 1.00 out of 1.00

It is a queuing algorithm which feature brings strict priority queuing (PQ) to CBWFQ.

Answer:

The correct answer is: Low Latency Queuing

Question **48**

Complete

Mark 1.00 out of 1.00

The

QoS model specifies a simple and scalable mechanism for classifying and managing network traffic and providing QoS guarantees on modern IP networks.

The correct answer is: differentiated services

Question **49**

Complete

Mark 1.00 out of 1.00

Network traffic can be marked at both Layer 2 and Layer 3 for QoS..

Select one:

- True
 False

The correct answer is 'True'.

Question **50**

Complete

Mark 1.00 out of 1.00

The

feature on Cisco switches is a type of port mirroring that sends copies of the frame entering a port, out another port on the same switch.

The correct answer is: Switched Port Analyzer

[◀ Midterm Quiz 2](#)[Lesson 9: Network Evolution Part 1 ▶](#)