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QUESTION 1

A hospital needs a wireless solution which will provide guest access for patients and visitors, as well as for medical staff. In addition to laptops and tablets, staff have wireless voice communicator devices. Some medical equipment also connects wirelessly.

How can the network architect help to ensure that patient and visitor internet use does not interfere with more vital hospital applications?

A. Deploy IntroSpect to monitor patient and visitor traffic.

B. Plan a bandwidth contract for the guest role in the MC firewall.

C. Deploy dedicated Air Monitors (AMs) at about one-fourth the density of APs.

D. Ensure that the guest SSID has a password associated with it.

Correct Answer: C

QUESTION 2

An architect has recommended the deployment or RAPs at user home offices to provide access to the corporate LAN.

How should the architect plan the SSID for the RAPs?

A. Same SSID and security settings as the corporate SSID

B. any name for the SSID with MAC-Authentication

C. any name for the SSID, which would be open; VIA is used for security

D. same name used for the corporate SSID, but always with WPA2-Personal security

Correct Answer: A

QUESTION 3

A network architect plans to propose a virtual Mobility Master (VMM) for a new solution. The solution will support up to 4,800 wireless client devices and include: two Virtual Mobility Controllers (VMCs) in a cluster 180 APs

Which licenses should the architect propose?

A. 1 MM-VA-500; 2 MC-VA-250; 540 Enterprise licenses

B. 1 MM-VA-500; 1 MC-VA-250; 180 Enterprise licenses

C. 1 MM-VA-1K; 2 MC-VA-250; one Enterprise license

D. 1 MM-VA-1K; 1 MC-VA-250; 180 Enterprise licenses

Correct Answer: C

QUESTION 4

Case study

A retailer needs a wireless and wired network upgrade, as well as an authentication and access control solution for a network that includes a main office with a three-floor building and six branch sites. The branch users all use resources at the main corporate office. Branch office employees will use wireless connections. At the main office, employees use wired and wireless connections. The customer wants the strongest authentication for employee wireless connections. It is also important that the MC role-based firewall can implement consistent access controls on employee connections no matter where the employees connect and no matter how they connect (wirelessly or, at the main site, wired). The customer also needs to provide complimentary wireless access for guests. Guest should be redirected to a portal, through which they can register and login. The customer would like two SSIDs, CompanyXEmployee and CompanyXGuest. The company wants to divide employees in two groups, managers and staff. In the corporate network, managers should only have access to Server Group Managers and staff should only have access to Server Group Staff. Each server group includes necessary services such as domain and DHCP, as well as servers that the employees access to do their jobs. All employees should also have access to the Internet. Guests should only have HTTP and HTTPS access, and only to the Internet.

The customer has: a maximum of 1000 employee devices a maximum of 100 guest devices at the same time

500 devices on wired ports at the main site, which will be supported by 12 new AOS-Switches (mostly employee laptops, as well as a few non-802.1X capable printers, which should just communicate with print servers) The devices used by employees include 450 company-issued laptops, which the company wants to screen for security issues and violations of security policies. All authentications are assumed to be concurrent.

To fulfill the requirements for the wireless network upgrade, the architect plans to propose: 5 RAPs at each of 6 branch sites 60 APs at the main site

The architect will also propose an MM and ClearPass. The architect still needs to plan the Mobility Controllers (MCs). The customer requires high availability for wireless services and redundancy for the MCs. If a single MC fails, the network must continue to function without impact. If an MC fails, the customer must also receive a replacement component for the failed component by the next business day so that their IT staff can install it and get the network back to normal operation as soon as possible. Software upgrades must also be seamless, without the introduction of any downtime for wireless services, and the customer needs to be able to obtain the latest software over the lifetime of the solution for the next several years.

Which plan for authentication meets the customer needs?

A. Employee SSID = WPA2-802.1X, Guest SSID = WPA2-PSK, Wired edge ports = No authentication

B. Employee SSID = WPA2-802.1X, Guest SSID = Captive portal, Wired edge ports = No authentication

C. Employee SSID = WPA2-802.1X, Guest SSID = Captive portal, Wired edge ports = 802.1X + MAC-Auth

D. Employee SSID = WPA2-PSK, Guest SSID = MAC-Auth, Wired edge ports = MAC-Auth

Correct Answer: B

QUESTION 5

In which scenario do Aruba 5400R Series switches, but not Aruba 2930M Series switches, meet the needs for a wired upgrade?

A. The customer has recently deployed Aruba AP-345 APs and is concerned about a future-proof wired edge that will continue to support expanding bandwidth requirements.

B. The customer requires each access layer switch to support at least 40Gbps on its fiber uplinks at all times, including if up to one uplink fails.

C. The customer requires enhanced redundancy at the access layer and wants to ensure that each switch can continue to operate even is a power supply fails.

D. The customer requires switches in the same closet to connect together into a single virtual switch that is managed and operates as a single device.

Correct Answer: B

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