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QUESTION 1

Which of the following concepts are included in the security of a SAN? Each correct answer represents a complete solution. Choose all that apply.

A. Host adapter-based security

B. Storage-controller mapping

C. Switch zoning

D. IDS implementation

Correct Answer: ABC

Storage area network (SAN) is a dedicated network that provides access to a consolidated, block level data storage. The security of SAN is completely dependent upon the users authentication or authorization. SAN security includes the following concepts:

Host adapter-based security: Security measures for the Fibre Channel host bus adapter can be implemented at the driver level.

Switch zoning: Switch zoning is used in a switch-based Fibre Channel SAN. It refers to the masking of all nodes connected to the switch.

Storage-controller mapping: By mapping all host adapters against LUNs in the storage system, some storage sub-systems accomplish LUN masking in their storage.

Answer option D is incorrect, IDS is not implemented for the security of a SAN.

QUESTION 2

Which of the following are the key security activities for the initiation phase? Each correct answer represents a complete solution. Choose two.

A. Determination of privacy requirements.

B. Perform functional and security testing.

C. Initial delineation of business requirements in terms of confidentiality, integrity, and availability.

D. Analyze security requirements.

Correct Answer: AC

Answer options C and A are correct.

Key security activities for the initiation phase are as follows:

Initial definition of business requirements in terms of confidentiality, integrity, and availability

Determination of information categorization and identification of known special handling requirements in transmitting, storing, or creating information

Determination of privacy requirements

Answer options D and B are incorrect. Key security activities for the development/acquisition phase are as follows:

Conduct the risk assessment and use the results to supplement the baseline security controls

Analyze security requirements

Perform functional and security testing

Prepare initial documents for system certification and accreditation

Design security architecture

QUESTION 3

Which technology can be used to help ensure the efficient transport of VoIP traffic?

A. DNS

B. RSTP

C. H.323

D. QoS

Correct Answer: D

Quality of Service (QoS) is a technology for prioritizing traffic on the network. VoIP requires optimization of bandwidth to ensure users do not experience "call drops" created by lack of bandwidth due to congestion issues. QoS is a mechanism to provide this optimization.

QUESTION 4

Juanita is a network administrator for a large insurance company. She is concerned about the security risks posed by the employees of the company. There are very thorough and comprehensive security policies at the company. Which of the following would be most effective action for Juanita to take?

A. Putting the company policies on the corporate intranet

B. Make all employees sign the company policy

C. Coordinate with HR to fire anyone who violates any policy

D. Improve employee security education

Correct Answer: D

Employees usually violate company polices because they are not aware of how significant the risks are. Educating employees is an excellent way to address this.

Answer option C is incorrect. Some employees may need to be terminated for their actions, but that cannot be a default policy.

Answer option E is incorrect. Employees may sign the policy and still not really read it, comprehend it. or follow it.

Answer option A is incorrect. While the company intranet is a good place to distribute company policies, it won\\'t (by itself) improve compliance.

QUESTION 5

End point security is an information security concept that assumes that each device (end point) is responsible for its own security. Which of the following tools are examples of end point security software?

Each correct answer represents a complete solution. Choose all that apply.

A. Grayware

B. Anti-malware

C. Anti-spyware

D. Anti-virus

E. Spam filters

Correct Answer: BCDE

End point security is an information security concept that assumes that each device (end point) is responsible for its own security. The examples of end point security software are:

Anti-malware

Anti-virus

Anti-spyware

Spam filters

Anti-malware programs can combat malware by providing real time protection against the installation of malware software on a computer. This type of protection works in the same way as that of antivirus protection. Anti-malware software scans all incoming network data for malware software and blocks any threats it comes across.

Anti-malware software programs can be used for detection and removal of malware software that has already been installed in a computer system. This type of anti-malware software scans the contents of the Windows registry, operating system files, and installed programs on a computer and will provide a list of any threats found.

Anti-Virus software is used to prevent, detect, and remove malware, including computer viruses, worms, and trojan horses. Such programs may also prevent and remove adware, spyware, and other forms of malware.

Anti-Virus software is a class of program that searches your hard drive, floppy drive, and pen drive for any known or potential viruses. The market for this kind of program has expanded because of Internet growth and the increasing use of the Internet by businesses concerned about protecting their computer assets.

Popular Anti-Virus packages are as follows:

Bit Defender Anti-Virus

McAfee Virus Scan

Kaspersky Anti-Virus

F-Secure Anti-Virus

Symantec Norton Anti-Virus

Panda Titanium Anti-Virus

Avira Anti-Virus

Avast Anti-Virus

Trend Micro Anti-Virus

Grisoft AVG Anti-Virus

ESET Nod32 Anti-Virus

Webroot Anti-Virus

Quick Heal Anti-Virus

eTrust EZ Anti-Virus

ZoneAlarm Anti-Virus

Anti-spyware is software that is designed to protect a computer against malware, adware, spyware, rogueware, etc. It is a quite different from antivirus software because it does not specialize in viruses. Protection against spyware helps to defend against bugs that can send out unauthorized information about victim, steal confidential information, slow down Internet connection, install unwanted programs on the computer, etc.

Spam filters are utilities that stop spam (unsolicited) mails from reaching users. Spam filters are available as modules or components for mail servers (both incoming and outgoing). Administrators can also install spam and matware-scanning modules on firewalls and proxy servers. Administrators should opt for tools that place suspect messages in a special folder or queue that enables users to double-check the automated filters.

Answer option A is incorrect. Grayware refers to applications or files that are not classified as viruses or trojan horse programs, but can still negatively affect the performance of the computers on your network and introduce significant security risks to your organization. Often grayware performs a variety of undesired actions such as irritating users with pop-up windows, tracking user habits and unnecessarily exposing computer vulnerabilities to attack.

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