SAM 101 - MIDTERM EXAM

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* Indicates required question

MULTIPLE CHOICE

Choose the best answer.

In this installation the operating system is starting fresh because all software should be patched and configured all over again.

* 1 point

○ Unattended Installation

◉ Clean Installation

○ Clear Installation

○ Basic Installation

This occurs when the operating system lacks the security patches required for Windows 7 employ. When PC is shut off the contents of this component disappear.SHA-2 code signing.

* 1 point

○ Device Drivers

○ Devices and Printers

○ Signed Driver

◉ Device Manager

This installation requires little interaction to install, it contains user input to various GUI dialog boxes that appear during the installation process. * 1 point

◉ Unattended Installation

○ Clean Installation

○ Clear Installation

○ Basic Installation

In this operation the same image of the OS will be copied to multiple computers, even the security identifier. * 1 point

○ Driver Installation

○ Software Configuration

○ Disk Formatting

◉ Disk Cloning

The server is not able to communicate with other computer servers or clients without this component. * 1 point

○ Topology

○ Computer Network

◉ Protocol

○ All of the above

The clock speed of this component is usually expressed in MHz (millions of * 1 point
pulses per second) and GHz (billions of pulses per second).

- ⦿ Microprocessor
- ◯ Random Access Memory
- ◯ Storage
- ◯ Network Connections

When PC is shut off the contents of this component disappear. *   1 point

- ◯ Central Processing Unit
- ◯ Disk Operating System
- ⦿ Random Access Memory
- ◯ Compact Disk

The service provider on the computer system responds to the request of all * 1 point
the units connected to it.

- ◯ Computer Server
- ◯ Internet Service Provider
- ⦿ Server-based Network
- ◯ Client-Server

The contents of this components are mathematical and logical   * 1 point
instructions.

(●) Central Processing Unit

(○) Disk Operating System

(○) Random Access Memory

(○) Compact Disk

It provides a file system for organizing, reading, and writing files on the   * 1 point
storage disk.

(○) Central Processing Unit

(●) Disk Operating System

(○) Random Access Memory

(○) Compact Disk

It is often referred to as provider, the data may be transmitted using several   * 1 point
technologies like DSL, cable modem, wireless or dedicated high-speed
interconnects.

(○) Computer Server

(●) Internet Service Provider

(○) Server-based Network

(○) Client-Server

This operation is a process of preparing data storage devices such as USB * 1 point
flash drive, solid-state drive, memory card, and hard disk drive.

○ Driver Installation

○ Software Configuration

◉ Disk Formatting

○ Disk Cloning

This enables you to deploy Windows operating systems over the network * 1 point
and can be fully automated and customized.

○ Windows Activation

◉ Windows Deployment Services

○ Windows Upgrade

○ Windows Updates

This network model is a widely used network model where its Server is a * 1 point
powerful system that stores the data or information in it.

○ Point to Point

◉ Peer to Peer

○ Client-Server

○ Client to Client

It is a type of shielded and insulated copper that is used in computer networks and to deliver cable TV services to end users. * 1 point

○ Twisted-pair cable

◉ Coaxial cable

○ Fiber optic cable

○ Heliax cable

It allows user to view and control the hardware attached to the computer. * 1 point

○ Device Drivers

○ Devices and Printers

○ Signed Driver

◉ Device Manager

This is a piece of software without a user interface (UI) that controls devices or peripherals connected to a computer makes them work together smoothly. * 1 point

◉ Device Drivers

○ Devices and Printers

○ Signed Driver

○ Device Manager

This cable is similar to an electrical cable, offers higher bandwidth and can * 1 point
be used in longer distances.

○ Twisted-pair cable

○ Coaxial cable

⦿ Fiber optic cable

○ Heliax cable

This offers improve performance over the CAT5 standard including up to 10 * 1 point
times faster speeds and has ability to traverse distances without being
impacted by cross talk.

○ Category 5 (CAT5)

⦿ Category 6 (CAT6)

○ Category 5e (CAT5e)

○ Category 7 (CAT7)

In this operation the device is immediately detected and setup after * 1 point
installation or connection, along with the installation of the necessary
drivers.

○ Control Panel

⦿ Plug and Play

○ Disk Formatting

○ Administrative Tools

In this computer system feature, a computer account is created to present   * 1 point
the computer. It is usually associated with Microsoft's Active Directory.

● Domain Settings

○ User Account Control

○ System Settings

○ Network Level Authentication

It is intended for support staff to join an active log-in session in order to   * 1 point
help or troubleshoot a situation.

● Remote Assistance

○ Remote Desktop

○ System Settings

○ Network Level Authentication

 It was first used to supplement the Internet Protocol in the first network   * 1 point
installation.

○ IP Address

● Transmission Control Protocol

○ Default Gateway

○ Subnet Mask

A 32-bit address divides an IP address into network and host bits to specify * 1 point
the network and the host device, respectively, that is connected to the
network.

◉ IP Address

◯ Transmission Control Protocol

◯ Default Gateway

◯ Subnet Mask

A path by which data is transmitted from one device to another to the CPU, * 1 point
the processor sees the port as one or more memory addresses.

◯ Memory address ranges

◉ Input/output address

◯ Direct memory access

◯ Interrupt request line numbers

This tool will give you quick view of devices connected to your PC but does * 1 point
not include items such as internal disk drives, expansion cards, or RAM.

◯ Device Drivers

◉ Devices and Printers

◯ Signed Driver

◯ Device Manager

A console that enables you to control and secure a variety of server roles. *   1 point

○ Registry

○ Server Roles

○ Services

⦿ Server Management

Windows saves all hardware configuration data, software configuration data, and system security policies in a single, secure database.   *   1 point

⦿ Registry

○ Server Roles

○ Services

○ Server Management

A chunk of memory that can be assigned to a device and used by the operating system or a program. Typically, a range of memory addresses is allotted to devices.   *   1 point

○ Memory address ranges

○ Input/output address

⦿ Direct memory address

○ Interrupt request line numbers

A feature of Microsoft Windows allows the user to gather information about * 1 point
the computer system.

○ Domain Settings

○ User Account Control

● System Settings

○ Network Level Authentication

Data is spread across several disks, allowing input/output (I/O) operations * 1 point
to overlap in a balanced manner to increase performance.

● Redundant Array of Independent Disks

○ Advance Technology Attachment

○ Network Area Storage

○ Storage Area Network

Originally created by Western Digital and Compaq for use with compatible * 1 point
hard drives, CD/DVD drives, and IBM PCs, it is now a standard interface.

● Integrated Drive Electronics

○ Small Computer System Interface

○ RAID Controller

○ Serial Advance Technology Attachment

Each drive has the parity information striped across it, making the array resilient to drive failure.   * 1 point

○ RAID 1

● RAID 5

○ RAID 0

○ RAID 10

A feature of Microsoft Windows that allows hardware subsystems to process transferring data without the involvement of the processor itself.   * 1 point

○ Memory Address Ranges

○ Interrupt Request

○ Input/Output Port Addresses

● Direct Memory Access

Each drive has the parity information striped across it, making the array resilient to drive failure.   * 1 point

○ RAID 1

● RAID 5

○ RAID 0

○ RAID 10

This type of volumes is not fault-tolerant, and you will need at least two physical dynamic disks to create it. * 1 point

○ Simple Volume

○ Striped Volume

⦿ Spanned Volume

○ Mirrored Volume

This technology can support up to 7 or 15 devices. * 1 point

○ Integrated Drive Electronics

○ Internet Small Computer System Interface

⦿ Small Computer System Interface

○ Fibre Channel

This type of volumes stored on two separate physical disks to "write the data onto both disks simultaneously and redundantly. * 1 point

○ Simple Volume

○ Striped Volume

○ Spanned Volume

⦿ Mirrored Volume

It is a high networking technology primarily used for transmitting data * 1 point
among data centers, computers servers, switches, and storage.

○ Integrated Drive Electronics

○ Internet Small Computer System Interface

○ Small Computer System Interface

◉ Fibre Channel

In this layer, devices as routers, gateways, etc., help move data in SAN from * 1 point
source destination.

○ Host Layer

◉ Fabric Layer

○ Device Layer

○ Storage Layer

In this Fibre Channel topology, all devices are connected similarly to token- * 1 point
ring networking. Adding and removing a device causes an interruption.

○ Point to Point

○ Switched Fabric

◉ Arbitrated Loop

○ All of the above

The tab in iSCSI user may configure settings that will affect future connections made with the initiator. * 1 point

○ Discovery tab

○ RADIUS tab

○ Configuration tab

◉ Targets tab

This network storage ensures that system storage devices, such as disks, tape drives, and other storage devices can be accessible by an operating system. * 1 point

○ Direct Attached Storage

◉ Network Attached Storage

○ Storage Attached Networks

○ Storage Area Networks

Before performing activities that could potentially influence the operation of your computer or changing settings that affect other users, this prompts you for an administrator password. * 1 point

○ Domain Settings

◉ User Account Control

○ System Settings

○ Network Level Authentication

In Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP, and   * 1 point
Windows Server operating system this gives to users and system
administrator access to a host of utilities and optimize the computer
system.

○ Control Panel

○ Plug and Play

○ Disk Formatting

◉ Administrative Tools

A component of Microsoft Windows that allows the user to modify system   * 1 point
settings and controls.

◉ Control Panel

○ Plug and Play

○ Disk Formatting

○ Administrative Tools

A twisted-pair cable offers high-speed transmission for useful distances,   * 1 point
and it is often associated with Token Ring networks.

◉ Shielded Twisted-pair cable

○ Cross-over cable

○ Straight-through cable

○ Unshielded twisted-pair cable

It is a network cable used to connect hub or switch to computers. *   1 point

○ Shielded Twisted-pair cable

○ C. Cross-over cable

◉ Straight-through cable

○ Unshielded twisted-pair cable

The copper cable standard provides higher performance than other   * 1 point
standards and features more stringent specifications for crosstalk and
system noise.

○ Category 5 (CAT5)

◉ Category 6 (CAT6)

○ Category 5e (CAT5e)

○ Category 7 (CAT7)

It is a feature of a computer system by which peripherals are automatically   * 1 point
detected and configured by the operating system.

◉ Control Panel

○ Plug and Play

○ Disk Formatting

○ Administrative Tools

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