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Exam : **220-1001**

Title : **CompTIA A+ Certification**
Exam: Core 1

Version : **DEMO**

1.Which of the following charging and data ports has a non-directional connector?

- A. Micro-USB
- B. Mini-USB
- C. USB-A
- D. USB-C

Answer: D

2.Which of the following connects a PC to its default gateway?

- A. NIC
- B. Switch
- C. Router
- D. Cable modem

Answer: B

3.A network administrator must install a device that will proactively stop outside attacks from reaching the LAN.

Which of the following devices would BEST meet the organization's needs?

- A. IPS
- B. IDS.
- C. Proxy server
- D. Authentication server.

Answer: A

4.A technician is setting up a VM for use in testing software deployments. The VM is offline, but the hypervisor is not.

Which of the following settings should the technician change to resolve this issue?

- A. Virtual security
- B. Virtual storage
- C. Virtual CPU
- D. Virtual switch
- E. Virtual RAM

Answer: D

5.CORRECT TEXT

Laura, a customer, has instructed you to configure her home office wireless access point.

She plans to use the wireless network for finances and has requested that the network be setup with the highest encryption possible.

Additionally, Laura knows that her neighbors have wireless networks and wants to ensure that her network is not being interfered with by the other networks.

She requests that the default settings be changed to the following.

Wireless Name: HomeWiFi

Shared Key: CompTIA

Router Password: Secure\$1

Finally, Laura wants to ensure that only her laptop and Smartphone can connect to the network.

Laptop: IP Address 192.168.1.100

Hardware Address: 00:0A:BF:03:C4:54

Smartphone: IP Address 192.168.1.101

Hardware Address: 09:2C:D0:22:3F:11

INSTRUCTIONS

Configure Laura's wireless network using the network adapter window.

If at any time you would like to bring back the initial state of the situation, please click the Reset All button.

Library Wireless Configuration

WIRELESS SETUP **NETWORK FILTER** **ADMINISTRATOR TOOLS**

Wireless Network Settings

Enable Wireless:

Wireless Network Name: (Also called the SSID)

Wireless Channel:

Disable SSID Broadcast:

802.11g Only Mode:

Wireless Security Mode

Security Mode:

Passphrase:

Confirmed Passphrase:

Laura's House



- Wireless Network Name: **Default**
Security Mode: **Open**
Wireless Channel: **11**
- Wireless Network Name: **MyWi**
Security Mode: **WEP**
Wireless Channel: **6**
- Wireless Network Name: **PatsWiFi**
Security Mode: **WEP**
Wireless Channel: **11**

Laura's Wireless Configuration


WIRELESS SETUP | NETWORK FILTER | ADMINISTRATOR TOOLS

Please enter the same password into both boxes for confirmation.

Password:

Verify Password:

Laura's House



- Wireless Network Name: **Default**
Security Mode: **Open**
Wireless Channel: **11**
- Wireless Network Name: **MyWi**
Security Mode: **WEP**
Wireless Channel: **6**
- Wireless Network Name: **PatsWiFi**
Security Mode: **WEP**
Wireless Channel: **11**

Laura's Wireless Configuration

WIRELESS SETUP | NETWORK FILTER | ADMINISTRATOR TOOLS

Wireless Network Settings

Enable Wireless:

Wireless Network Name: (Also called the SSID)

Wireless Channel:

Disable SSID Broadcast:

802.11g Only Mode:

Wireless Security Mode

Security Mode:

The image shows a user interface for configuring wireless networks. On the left, under the heading "Laura's House", there are three wireless network profiles, each with a house icon and a Wi-Fi signal icon:

- Default:** Wireless Network Name: Default, Security Mode: Open, Wireless Channel: 11
- MyWi:** Wireless Network Name: MyWi, Security Mode: WEP, Wireless Channel: 6
- PatsWiFi:** Wireless Network Name: PatsWiFi, Security Mode: WEP, Wireless Channel: 11

On the right, a window titled "Laura's Wireless Configuration" is open, showing the "NETWORK FILTER" tab. It includes a toggle for "Turn MAC Filtering ON:" which is currently off. Below this is a dropdown menu with three options: "Allow the following MAC Addresses" (highlighted in blue), "Disallow the following MAC Addresses", and a third option that is partially obscured. Below the dropdown are four empty input fields, each with a small square checkbox to its left.

Answer:
solution as



Wireless Configuration

Wireless Setup Network Filter Administrator Tools

WIRELESS NETWORK SETTINGS:

Enable Wireless:

Wireless Network Name: (Also called the SSID)

Wireless Channel:

Disable SSID Broadcast:

802.11g Only Mode:

WIRELESS SECURITY MODE:

Security Mode:

WPA2:

Passphrase:

Confirmed Passphrase:

Save Settings



The image shows a 'Wireless Configuration' window with three tabs: 'Wireless Setup', 'Network Filter', and 'Administrator Tools'. The 'Network Filter' tab is active. It contains a checked checkbox for 'Turn MAC Filtering ON'. Below this is a dropdown menu set to 'Allow the following MAC Addresses'. A table titled 'MAC Address' lists two allowed addresses with checked checkboxes and two empty rows with unchecked checkboxes. A 'Save Settings' button is at the bottom right.

MAC Address	
<input checked="" type="checkbox"/>	00:0A:BF:03:C4:54
<input checked="" type="checkbox"/>	09:2C:D0:22:3F:11
<input type="checkbox"/>	
<input type="checkbox"/>	



The image shows a web-based configuration interface for wireless settings. At the top, there is a header bar with a wireless signal icon on the left, the title "Wireless Configuration" in the center, and a close button (X) on the right. Below the header, there are three tabs: "Wireless Setup", "Network Filter", and "Administrator Tools". The "Administrator Tools" tab is currently selected. Underneath the tabs, there is a yellow banner with the text "ADMIN PASSWORD". Below the banner, a message reads: "Please enter the same password into both boxes for confirmation." There are two input fields: "Password:" and "Verify Password:". Both fields contain the text "Secure\$1". At the bottom right of the form, there is a yellow button labeled "Save Settings".

Wireless Configuration

Wireless Setup Network Filter Administrator Tools

ADMIN PASSWORD

Please enter the same password into both boxes for confirmation.

Password:

Verify Password:

Save Settings