

# 選擇我們最好的考試認證資料H12-811\_V2.0認證指南： HCIA-Datacom V2.0，復習準備Huawei H12-811\_V2.0很 輕鬆



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## Huawei H12-811\_V2.0 考試大綱：

主題	簡介
主題 1	<ul style="list-style-type: none"><li>• Ethernet Technology Basics: Covers Ethernet standards, switching principles, VLANs, and Layer 2 protocols used in enterprise network environments.</li></ul>
主題 2	<ul style="list-style-type: none"><li>• Network Security and Services: Covers essential network security mechanisms including ACLs, AAA, NAT, and basic firewall concepts to protect network infrastructure.</li></ul>
主題 3	<ul style="list-style-type: none"><li>• Data Communication Network Basics: Covers foundational concepts of data communication networks including network types, reference models (OSI</li><li>• TCP-IP), and basic device roles.</li></ul>
主題 4	<ul style="list-style-type: none"><li>• WLAN Technology Basics: Covers wireless LAN standards, components such as APs and ACs, WLAN architecture, and basic configuration principles.</li></ul>
主題 5	<ul style="list-style-type: none"><li>• Typical Campus Networking Solution: Covers end-to-end campus network design scenarios, integrating switching, routing, security, and wireless technologies into a unified solution.</li></ul>
主題 6	<ul style="list-style-type: none"><li>• Data Center Network Basics: Covers the architecture and key technologies used in modern data center networks including virtualization and high-availability design concepts.</li></ul>

主題 7	<ul style="list-style-type: none"><li>• IP Technology Basics: Covers IPv4</li><li>• IPv6 addressing, subnetting, routing fundamentals, and common routing protocols such as OSPF, RIP, and static routing.</li></ul>
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>> H12-811\_V2.0認證指南 <<

## H12-811\_V2.0證照 - H12-811\_V2.0考古題介紹

KaoGuTiのH12-811\_V2.0資料比其它任何與H12-811\_V2.0考試相關的資料都要好很多。因為這是一個可以保證一次通過考試的資料。這個考古題的高合格率已經被廣大考生證明了。KaoGuTiのH12-811\_V2.0考古題是你成功的捷徑。用了這個考古題，你在準備考試時不僅可以節省很多的時間，還可以在考試中取得高分。

### 最新的 HCIA-Datacom H12-811\_V2.0 免費考試真題 (Q14-Q19):

#### 問題 #14

What is the broadcast address of the network that contains a host with IP address 192.168.1.147/28?

- A. 192.168.1.255
- B. 192.168.1.145
- C. 192.168.1.159
- D. 192.168.1.157

答案： C

#### 問題 #15

R1 has the following configurations:

```
[R1] radius-server template 1
[R1-radius-1] radius-server authentication 10.1.6.6 1812
[R1-radius-1] radius-server accounting 10.1.6.6 1813
[R1-radius-1] radius-server shared-key cipher YsHsjx_202206139
[R1-radius-1] quit
[R1] aaa
[R1-aaa] authentication-scheme auth1
[R1-aaa-authen-auth1] authentication-mode radius
[R1-aaa-authen-auth1] quit
[R1-aaa] accounting-scheme acc1
[R1-aaa-accounting-acc1] accounting-mode radius
[R1-aaa-accounting-acc1] quit
[R1-aaa] domain huawei.com
[R1-aaa-domain-huawei.com] authentication-scheme auth1
[R1-aaa-domain-huawei.com] accounting-scheme acc1
[R1-aaa-domain-huawei.com] radius-server 1
[R1-aaa-domain-huawei.com] quit
[R1-aaa] quit
```

Which of the following statements is true?

- A. When a terminal uses the user name `hcia-datacom@huawei.com` to initiate authentication, RADIUS authentication is used.
- B. The user cannot obtain authorization information after being authenticated because the IP address of the authorization server is not configured in the RADIUS server template.
- C. When a terminal initiates an authentication request, R1 needs to first establish a TCP connection with the server whose IP address is 10.1.6.6.
- D. RADIUS does not support accounting. Even if an accounting server is specified in the RADIUS server template, accounting cannot be performed when terminals access the network.

答案： A

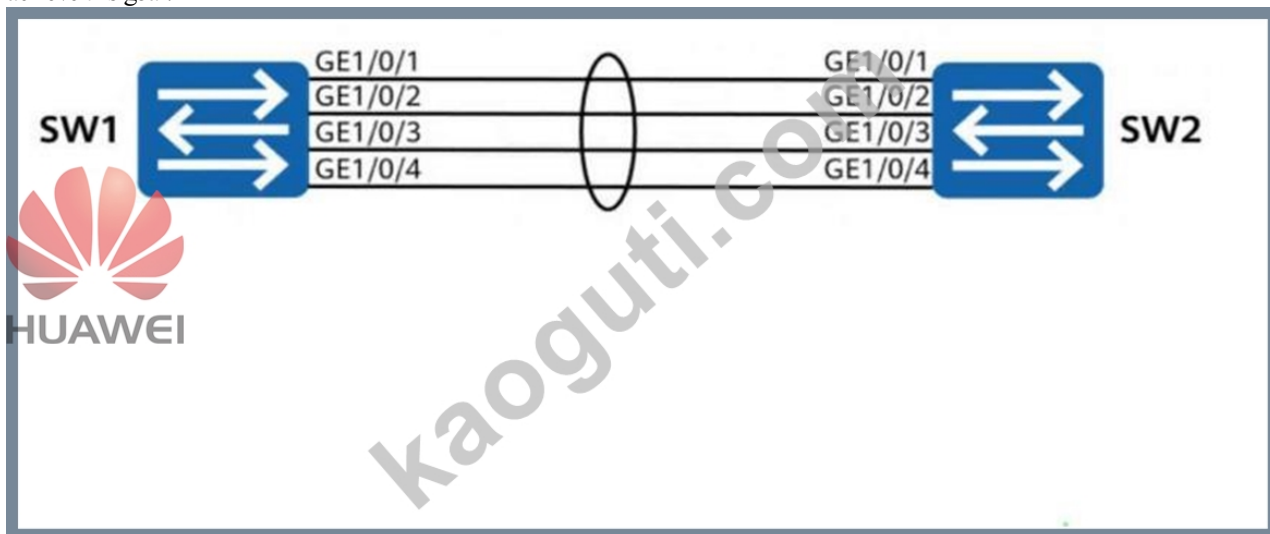
解題說明:

Option D is correct. The AAA configuration binds the domain huawei.com to the authentication scheme auth1 , which uses RADIUS as the authentication mode, and to the accounting scheme acc1 , which also uses RADIUS. Therefore, when a user logs in with a user name in the format hcia-datacom@huawei.com , the device parses the suffix @huawei.com, matches the domain, and applies the configured RADIUS authentication method.

Option A is false because RADIUS does support accounting , and UDP port 1813 is commonly used for that purpose. Option B is false because a separate authorization server IP is not strictly required in this context; RADIUS can carry authorization attributes together with authentication/accounting processing depending on server behavior and device configuration. Option C is false because standard RADIUS communication uses UDP , not TCP, with authentication typically on port 1812 and accounting on 1813 . HCIA-Datacom teaches domain-based AAA processing as a key concept, where the user name suffix determines which authentication, authorization, and accounting policies are applied on the NAS device.

#### 問題 #16

On an STP network, an administrator wants SW2 to be elected as the root bridge. Which of the following methods can be used to achieve this goal?



- A. Set a lower port priority on SW2.
- B. Set a higher system priority on SW2.
- C. Set a lower system priority on SW2.
- D. Set a lower root path cost on SW2.

答案: C

解題說明:

In STP, the root bridge is elected based on the lowest bridge ID (BID). A BID is composed of the bridge priority and the MAC address of the switch. The device with the smallest BID becomes the root bridge.

Therefore, if an administrator wants SW2 to become the root bridge, the most direct and correct method is to configure a lower system priority on SW2, making option C correct.

Option A is incorrect because port priority affects port-role selection in some tie-breaking scenarios, but it does not determine root-bridge election. Option B is the opposite of what is required, because a higher system priority makes the BID larger and reduces the chance of being elected as root. Option D is also incorrect because root path cost is used by non-root bridges to select the best path to the existing root bridge; it does not determine which switch becomes the root bridge in the first place. HCIA-Datacom stresses that bridge priority tuning is the standard administrative method used to control root bridge placement in campus networks for stable and predictable Layer 2 topology design.

#### 問題 #17

In the WAC + Fit AP networking, an AP fails to go online. The output of the display ap all command run on the WAC is shown below. According to the command output, which of the following is the possible cause of the AP's failure to go online?

```
<WAC> display ap all
Total AP information:
ver-mismatch : ver-mismatch:1/1/WEI
```

ID	MAC	Name	Group	IP	Type	State	STA	Uptime
0	60de-4476-e360	L1_003	default	192.168.109.254	AP7060DN	ver-mismatch	0	-

Total: 1

- A. The AP is in the blacklist.
- **B. The AP's software version does not match the WAC's software version.**
- C. The AP fails to initialize the configuration.
- D. The AP fails the authentication.

答案： B

解題說明：

The correct answer is C. In the command output, the AP state is shown as ver-mismatch. This state directly indicates a version mismatch between the AP and the WAC. In Huawei WLAN deployment, a Fit AP must use a software version that is compatible with the WAC version. If the versions do not match, the AP may be discovered by the WAC and appear in the AP list, but it cannot successfully complete the online process.

Option A is incorrect because blacklist-related failures are displayed with blacklist-related status information, not ver-mismatch.

Option B is also incorrect because authentication failures normally generate authentication-related fault indications. Option D is incorrect because configuration initialization failure would not be identified by the specific ver-mismatch state.

HCIA-Datcom troubleshooting knowledge emphasizes reading AP online states carefully. Common causes of AP online failure include IP address acquisition failure, CAPWAP tunnel establishment failure, insufficient licenses, authentication problems, and version mismatch. When the state explicitly shows ver-mismatch, the troubleshooting direction is clear: check AP and WAC software compatibility and upgrade or align the software version as needed.

#### 問題 #18

The traditional Fat AP networking usually applies to WLANs of small and micro stores. For a large-scale WLAN, the WAC + Fit AP networking is typically used. Which of the following statements are true about the WAC + Fit AP networking architecture? (Select all that apply)

- A. Layer 2 connectivity is required for the WAC and APs to communicate with each other using the CAPWAP protocol.
- **B. The WAC controls and manages all APs on the WLAN.**
- **C. Fit APs provide 802.11-based wireless access for STAs and function as bridges between wired and wireless networks.**
- D. Users need to log in to the Fit AP to configure wireless services.

答案： B,C

解題說明：

In a WAC + Fit AP architecture, the WAC (Wireless Access Controller) centrally manages and controls the Fit APs, so option A is correct. Service configurations such as SSIDs, security policies, radio parameters, and access control are generally delivered from the WAC to the APs. The Fit AP mainly forwards wireless user traffic and executes the configuration issued by the controller.

Option D is also correct because a Fit AP provides 802.11 wireless access for stations (STAs) and serves as a bridge between the wireless side and the wired network. This is one of its basic roles in enterprise WLAN deployment. Option B is incorrect because users or administrators do not normally need to log in to each Fit AP individually to configure wireless services; centralized management by the WAC is the whole advantage of this architecture. Option C is incorrect because CAPWAP communication between the WAC and AP does not require Layer 2 adjacency; the WAC and AP can communicate over Layer 3 as long as IP connectivity exists. HCIA-Datcom emphasizes centralized configuration, simplified operations, and scalable deployment as key benefits of WAC + Fit AP networking.

#### 問題 #19

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人生舞臺的大幕隨時都可能拉開，關鍵是你願意表演，還是選擇躲避，能把在面前行走的機會抓住的人，十有八九都是成功的。所以你必須抓住KaoGuTi這個機會，讓你隨時可以展現你的技能，KaoGuTi Huawei的H12-811\_V2.0考試培訓資料就是你通過認證的最有效的方法，有了這個認證，你將在你人生的藍圖上隨意揮灑，實現你的夢

