

A decorative graphic is located in the bottom left corner of the page. It features a vertical stack of four squares: a white square at the top, a red square in the middle, and two grey squares at the bottom. 

# H3C 無線AP自律管理ベストプラクティスガイドv1.2



01 アクセスポイントの動作モード変更

02 自律モードでの設定例

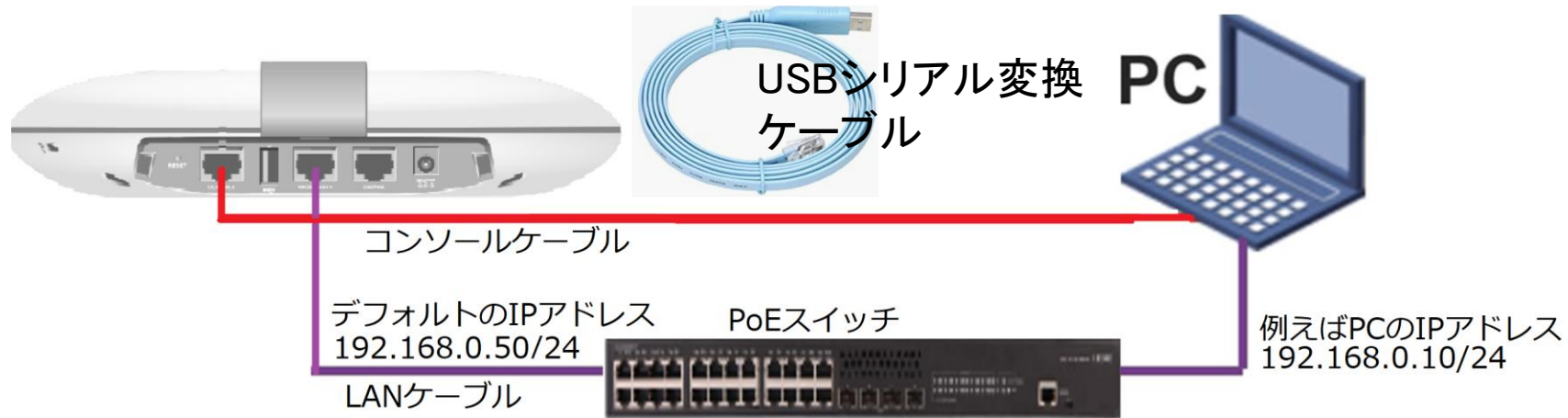
03 アクセスポイント/クライアントの状態表示

04 APのバージョンアップ

05 マニュアルについて

## 動作モードの変更

- RS-232規格のコンソールケーブルを用意し、例えば図のようにWA6638の左端のRJ-45のジャックに挿入します。使用するボーレートは次ページを参照ください。
- WA6638はDC電源またはPoEスイッチで稼働しますので、PoEスイッチを用意して頂き、PoEスイッチを介してPCのLANポートに接続します。WA6638の真ん中のRJ-45ポートは100M/1G/10Gの自動認識になります。



# アクセスポイントの動作モードのコマンドによる変更

手順： 現在の動作モードの確認 -> 動作モードの変更 -> 変更されたかどうかの確認

# 現在のモードを確認(工場出荷状態ではFITモード)

<H3C> **display wlan device role**

Current running mode: **FIT**.

# system-viewにてap-modeコマンドでanchor-acモードに変更

<H3C> **system-view**

System View: return to User View with Ctrl+Z.

[H3C] **ap-mode cloud**

Changing working mode will reboot system. Continue? [Y/N]:y

#モード変更のためにAPは自動的にrebootします。

System is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU...

Booting Normal Extended BootWare

リブート中メッセージ省略

Image file flash:/wa6600-boot.bin is self-decompressing.....

.....Done.

System image is starting...

Line con0 is available.

Press ENTER to get started.

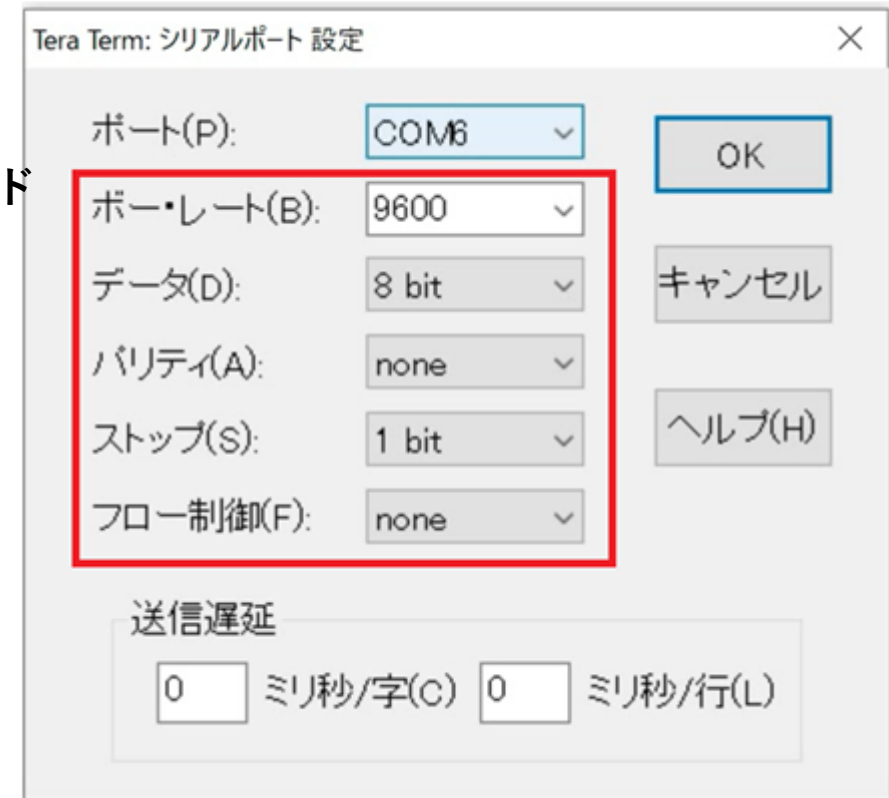
# 起動後Cloudモードになったことを確認します。

<H3C> **display wlan device role**

Current running mode: **Cloud AP**.

<H3C> **save force**

**注：APモードには以下の3つのモードが選択できます。**  
**ap-mode { anchor-ac | cloud | fit }**



コンソール接続の通信設定は、9600ボー、データ8ビット、パリティなし、ストップビット1、フロー制御なし

# アクセスポイントの動作モード変更(Cloudモード → 自律(Cloud simple)モード)

手順2：CloudモードからCloudモードの一つの形態 (simpleモード)へ変更

```
<H3C> display wlan device role
```

```
Current running mode: Cloud AP.
```

```
<H3C> system-view
```

```
System View: return to User View with Ctrl+Z.
```

```
[H3C]probe
```

```
[H3C-probe]default-configuration mode simple
```

```
Changing the default configuration mode will restart the cloud-managed AP. Continue?
```

```
[Y/N]:y
```

```
The default configuration mode is simple now
```

```
%Nov 22 05:19:39:895 2025 H3C DEV/5/BOARD_REBOOT: Board is rebooting on.
```

```
System is starting...
```

```
Press Ctrl+D to access BASIC-BOOTWARE MENU...
```

```
Booting Normal Extended BootWare
```

```
The Extended BootWare is self-decompressing....Done.
```

```
<H3C>
```

**注：default-configurationモードには以下の2つのモードが選択できます。**

```
default-configuration mode { cloud | simple }
```

cloud: 本来のCloudAPのモード

Simple: 自律モード

従って、一旦simpleモードで利用していたものを、CloudAPとして利用する場合はこのコマンドで本来のモードへ戻す必要があります

# アクセスポイントの動作モードのコマンドによる工場出荷時に戻す

<H3C>**restore factory-default**

This command will restore the system to the factory default configuration and clear the operation data, and forcibly reboot the system.

Continue [Y/N]:**y**

Restoring the factory default configuration. This process might take a few minutes. Please wait....Done.

The system is rebooting...

%Oct 24 11:54:36:224 2022 H3C DEV/5/SYSTEM\_REBOOT: System is rebooting now.

System is starting...

Press Ctrl+D to access BASIC-BOOTWARE MENU...

Booting Normal Extended BootWare

The Extended BootWare is self-decompressing....Done.



**注意：**モード変更が思い通りに行えない原因：  
工場出荷時のモードはFITですが、ファームウェアのバージョンが古いとコマンドやBootMenuでも変更ができない場合がありますので、ここにご紹介した3通りの方法を試してうまくゆかない場合は、ファームウェアのバージョンアップが必要になる場合があります。



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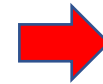
# アクセスポイントのGUIにアクセスして設定を変更する場合

手順2: PCのブラウザを起動し以下のURLを入力します(LANで接続します)。

**https://APのIPアドレス/**

デフォルトのユーザー名: **admin**、パスワード: **h3capadmin**

Internet Explorer 10, Firefox 30.0.0.5269, Chrome 35.0.1916.114, Safari 5.1, and their higher versions are supported.



Apply Cancel

パスワードは10文字以上で、英数字記号などの2種類を含み、登録されているユーザー、adminなどの文字を含まないこと。

# アクセスポイントのモードをCloudのままにする

The screenshot displays the H3C management interface. At the top left is the H3C logo. The top right corner contains 'Save', 'Roadmap', and 'admin' user information. A left sidebar lists navigation options: Actions, Dashboard, Quick Start, Monitoring, Wireless Configuration, Network Security, System, Tools, and Reporting. The main content area shows 'All Networks > Dashboard'. A 'System Logs' section at the top displays status counts: 0 Emergency, 4 Critical, 6 Warning, and 19 Informational. A modal dialog box titled 'Operating mode' is centered, featuring a dropdown menu with 'Cloud' selected and an 'Apply' button. Below the dialog, the 'Wireless services' section shows a bar chart for SSID 'H3C' with frequency bands 6GHz, 5GHz, and 2.4GHz. The 'Clients' section shows a quantity of 0. At the bottom, there are 'System View' and 'Network View' tabs, and a status bar with 'Clients: 0' and 'Event Logs: 0 Critical, 4 Warning, 6 Informational'.

# GUIのメニュー一覧(従来の設定画面)

- Network view

Actions		
Dashboard		<b>Dashboard</b> <b>Quick Start</b> Add Wireless Service Add New User
Quick Start >		<b>Monitoring</b> Wireless Network Clients Wireless Security Client Proximity Sensor Application Monitoring
Monitoring >		<b>Wireless Configuration</b> Wireless Networks AP Management Wireless QoS Wireless Security WIPS Allowlist and denylist Radio Management 802.11n/802.11ax settings ,transmission distance
Wireless Configuration >		<b>Network Security</b> Packet Filter Traffic Policy Qos Policies, Priority Mapping Access Control 802.1x Authentication RADIUS User Management Access Control MAC Authentication Port Security Portal
Network Security >		<b>System</b> Resource ACL, Time Range Cloud Platform
System >		<b>Tools</b> Debug
Tools >		<b>Reporting</b> Client Statistics Wireless Service Statistics
Reporting >		

System View

Network View

# GUIのメニュー一覧(従来の設定画面)

- System view

Actions
Dashboard
Network Configuration >
Network Security >
System >
Tools >

## Dashboard Network Configuration

Network Interfaces  
VLAN  
Network Routing  
  Routing table  
  Static Routing  
Network Services  
  IP services  
  DHCP/DNS  
  Multicast  
  ARP  
  ND(Neighbor Discovery)  
  NAT

## Network Security

Packet Filter  
Traffic Policy  
Access Control  
  802.1x  
  Authentication  
  RADIUS  
User Management  
  Local users

## System

Event Logs  
Resource  
  ACL  
Administrators  
Management  
  Configuration save, import  
  Upgrade  
  Reboot

## Tools

Debug

System View

Network View

# GUIのメニュー一覧(新しい設定画面)

The screenshot displays the H3C GUI interface. The top navigation bar includes the H3C logo, a 'Save' button, a 'Roadmap' button, and a user profile labeled 'admin'. The main content area is titled 'Dashboard' and features several widgets: 'Logs' with a count of 5 and an 'Error' indicator, 'CPU' usage at 1%, and 'Memory' usage at 72%. Below these are sections for 'Channel Usage' and 'Clients'. A white dropdown menu is open over the 'Wireless Configuration' menu item, listing the following sub-items:

- Wireless Services** | Wireless Services Configuration
- AP Management** | Bind WLAN Service | Basic Settings
- Wireless QoS** | Client Rate Limit | Bandwidth Guarantee | Wi-Fi Multimedia
- Radio Management** | Radio Configuration | Band Navigation
- Wireless Security** | WIPS | Allowlist and denylist
- Applications** | Mesh Services | Multicast Optimization | Bonjour | Client Proximity Sensor

The background dashboard also shows a 'Wireless Traffic' graph with 'Inbound' and 'Outbound' traffic lines, and a 'Clients' gauge showing 0 clients. The 'Wireless Traffic' graph has a legend for 'H3C' and a time filter set to '00:10'.

# GUIのメニュー一覧(新しい設定画面)

The screenshot displays the H3C GUI interface. At the top left is the H3C logo. The top right corner contains 'Save', 'Roadmap', and 'admin' user information. A left-hand navigation menu is visible, with 'Network Configuration' expanded to show a list of sub-menus. The main dashboard area shows system status (5 errors, CPU 1%, Memory 72%) and various network configuration sections.

**Navigation Menu (Network Configuration):**

- Network Interfaces
  - Interfaces
  - Link Aggregation
  - PPPoE
- Network Links
  - VLAN
  - MAC
  - STP
- Network Routing
  - Routing Table
  - Static Routing
- IP
  - NAT
  - IP
  - ARP
  - IPv4 DNS
- IPv6
  - IPv6
  - ND
  - IPv6 DNS
- Multicast
  - IGMPSnooping
  - MLDSnooping
- Management Protocols
  - DHCP
  - HTTP/HTTPS
  - Telnet
  - SSH
  - NTP
  - LLDP

**Dashboard Overview:**

- Logs: 5 Error
- CPU: 1%
- Memory: 72%
- Wireless Configuration: 802.11a, 11b, 11g, 11n, 11ac, 11ax (6GHz, 5GHz, 2.4GHz)
- Clients: 0
- Traffic: Inbound/Outbound (bps)

## 現状のsimpleモードのデフォルトのコンフィグの注意点

デフォルトで意味のないH3CというSSIDの電波が出ます。例えば、2.4Gと5Gの電波を出す機種の場合。

```
wlan service-template 1
  ssid H3C
  service-template enable
```

認証なしのH3Cという電波の定義

```
#
```

```
interface NULL0
```

```
#
```

```
interface Vlan-interface1
```

```
  ip address 192.168.0.50 255.255.255.0
```

予め割り当てられた管理用のIPアドレス

```
#
```

```
interface GigabitEthernet1/0/1
```

```
#
```

```
interface WLAN-Radio1/0/1
  service-template 1
```

電波 1 (この場合5G)からテンプレート 1 のSSID( H3C )を出力

```
#
```

```
interface WLAN-Radio1/0/2
  service-template 1
```

電波2(この場合2.4G)からテンプレート 1 のSSID( H3C )を出力

```
#
```

# 現状のsimpleモードのデフォルトのコンフィグの注意点

この定義を削除する手順 → APの電波に割り当てられているSSIDを削除する

The screenshot shows the H3C WA6320-JP management interface. The left sidebar contains navigation items: Actions, Dashboard, Quick Start, Monitoring, **Wireless Configuration** (circled 1), Wireless Networks, **AP Management** (circled 2), Wireless QoS, Wireless Security, Radio Management, and Client Proximity Sensor. The main content area is titled "WLAN Service Settings" and includes a breadcrumb "All Networks > Wireless Configuration > AP Management > WLAN Service Settings". It has two tabs: "WLAN Service Settings" (active) and "Basic Settings".

Under "Bind Wireless Services to Radios", there are two sections:

- Bind WLAN service to radio 5GHz(1)**: Contains a table with one entry "1" and a delete icon (circled 3).
- Bind WLAN service to radio 2.4GHz(2)**: Contains a table with one entry "1" and a delete icon (circled 4).

At the bottom of the main content area is an "Apply" button (circled 5). To the right, the "Hide SSIDs of Overloaded 5 GHz Radios" section is visible, with "State" set to "Enable", "Session threshold" set to 5, "Session gap threshold" set to 4, and "Log Off Clients" set to "Disable".

The bottom status bar shows "System View" and "Network View" tabs, and a summary of "Clients" (0) and "Event Logs" (0 errors, 4 warnings, 10 info, 22 total).

## 現状のsimpleモードのデフォルトのコンフィグの注意点

電波 1 と電波 2 からH3CというSSIDが削除されたので、このSSIDは送出されなくなった。

```
wlan service-template 1  
  ssid H3C  
  service-template enable
```

認証なしのH3Cという電波の定義

```
#  
interface NULL0  
#  
interface Vlan-interface1  
  ip address 192.168.0.50 255.255.255.0  
#  
interface GigabitEthernet1/0/1  
#  
interface WLAN-Radio1/0/1  
#  
interface WLAN-Radio1/0/2  
#
```

予め割り当てられた管理用のIPアドレス

# 現状のsimpleモードのデフォルトのコンフィグの注意点

この定義を削除する手順 → H3CというSSIDを削除する

The screenshot displays the H3C WA6320-JP management interface. The left sidebar contains navigation options: Actions, Dashboard, Quick Start, Monitoring, Wireless Configuration (highlighted with a red box and circled 1), Wireless Networks (highlighted with a red box and circled 2), AP Management, Wireless QoS, Wireless Security, Radio Management, and Client Proximity Sensor. The main content area shows the 'Wireless Networks' configuration page with a table of entries. The table has columns for 'Wireless Service Name', 'SSID', 'Wireless Service', 'Authentication Mode', 'Cipher Suite', and 'Default VLAN'. One entry is visible with SSID 'H3C' and 'ON' status. The 'Actions' column for this entry has a trash icon (highlighted with a red box and circled 3). A 'Confirm' dialog box is open, asking 'Are you sure you want to delete the selected items?' with 'Yes' (highlighted with a red box and circled 4) and 'No' buttons. The bottom right corner shows 'Clients' (0) and 'Event Logs' (0 errors, 4 warnings, 11 info).

Wireless Service Name	SSID	Wireless Service	Authentication Mode	Cipher Suite	Default VLAN	Actions
1	H3C	ON	Open		1	...

## 現状のsimpleモードのデフォルトのコンフィグの注意点

H3CというSSIDが削除された

```
interface NULL0
```

```
#
```

```
interface Vlan-interface1
```

```
ip address 192.168.0.50 255.255.255.0
```

予め割り当てられた管理用のIPアドレス

```
#
```

```
interface GigabitEthernet1/0/1
```

```
#
```

```
interface WLAN-Radio1/0/1
```

```
#
```

```
interface WLAN-Radio1/0/2
```

```
#
```

## 想定ネットワーク構成(以下は設定例で設定の参考にしてください)

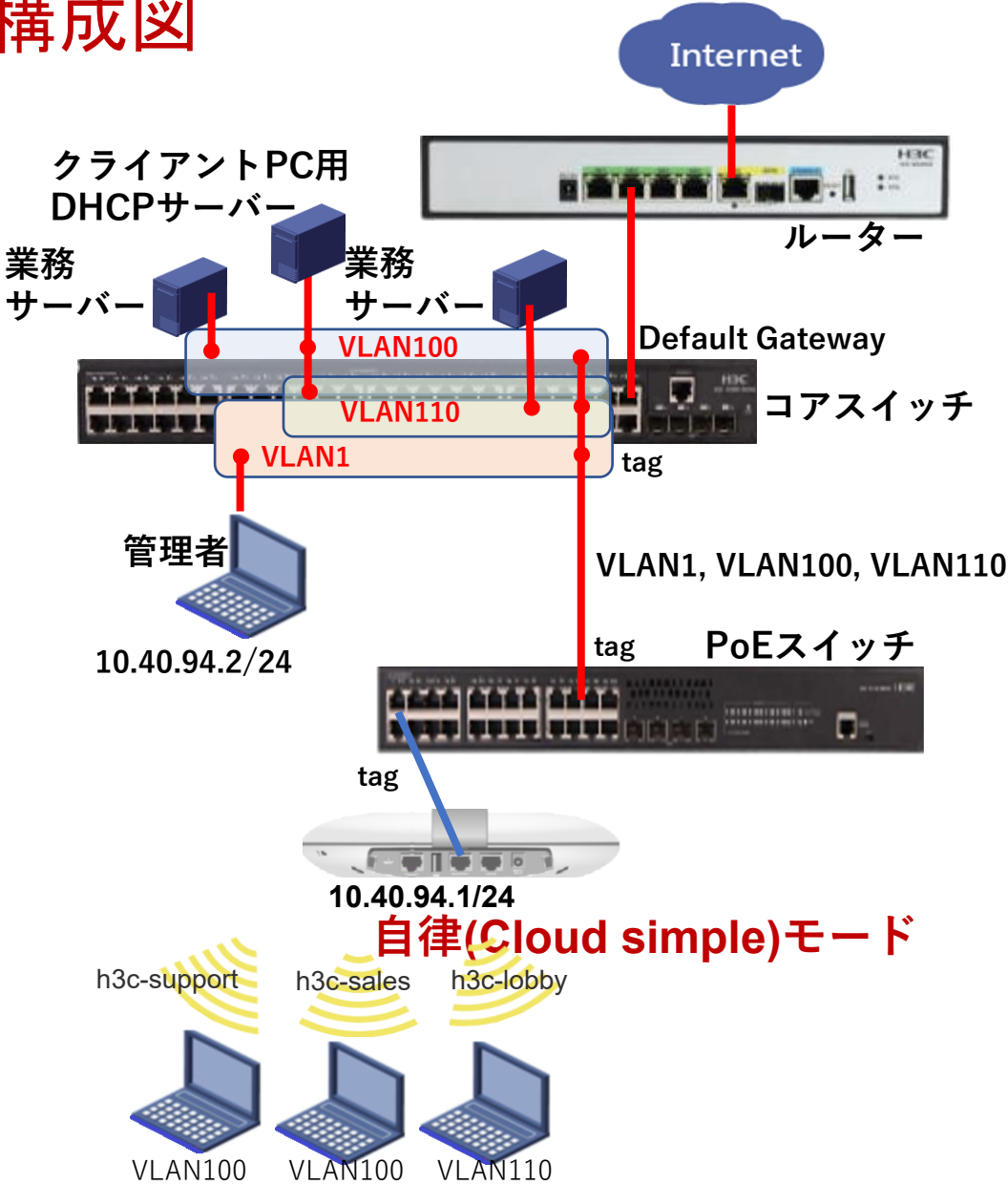
この資料はWiFi 6のAPを自律型として使う場合の操作をGUIで行います。

APの管理はVLAN1を使い、VLAN1に設定するIPアドレスを例えば10.40.94.1/24とするとこれが管理用IPアドレスとなります。くれぐれも管理用セグメントと業務セグメントは別のVLANに設定してください。同じVLANにすると業務アプリのブロードキャストがAC<->AP間の通信に悪影響を与えます。

送出する電波とSSID、パスワード、VLAN、hiddenモードなどは以下の通りとします。

SSID	Password	VLAN	Hidden	Radio
h3c-support	@helpdesk99	100	yes	radio1 5GHz
h3c-sales	@bigsale	100	yes	Radio2 5GHz
h3c-lobby	thankyou	110	no	Raido3 2.4GHz

# ネットワーク構成図



# SSID(h3c-support)を作成する

The screenshot shows the H3C WA6320-JP web interface for adding a wireless service. The interface is annotated with red boxes and numbers 1 through 11, indicating the steps to create an SSID named 'h3c-support' with Static PSK authentication.

1. Network View (bottom center)
2. Quick Start (left sidebar)
3. Add Wireless Service (left sidebar)
4. Wireless service name: h3c-support
5. SSID: h3c-support
6. Wireless Service: ON
7. Hide SSID: Yes
8. Authentication mode: Static PSK
9. PSK key (password): [Redacted]
10. Confirm password: [Redacted]
11. Apply and Configure Advanced Settings (bottom center)

# 5GHZ(1)radioにSSID(h3c-support)を含める

The screenshot displays the H3C WA6320-JP web interface. The breadcrumb trail is: All Networks > Wireless Configuration > Wireless Networks > Wireless Networks > Advanced Settings(h3c-support). The 'Binding' tab is selected. The 'Bind to APs' section contains two columns: 'Candidate' and 'Selected'. In the 'Candidate' column, '5GHz(1)' is selected and highlighted with a red box, with a red arrow pointing to an empty red box in the 'Selected' column. The 'Apply' button is highlighted with a red box. The 'Wireless Networks' menu item in the left sidebar is also highlighted with a red box. The 'Network View' button at the bottom is highlighted with a red box.

①

②

③

System View Network View

Clients 0 Event Logs 0 6 9 23

# SSID(h3c-sales)を作成する

The screenshot shows the H3C WA6320-JP configuration interface. The breadcrumb trail is: All Networks > Quick Start > Add Wireless Service > Add Wireless Service. The left sidebar has a menu with 'Add Wireless Service' highlighted (1). The main content area is titled 'Add Wireless Service' and is divided into 'Basic settings' and 'Authentication settings'.

**Basic settings:**

- Wireless service name: h3c-sales (2)
- SSID: h3c-sales (3)
- Wireless Service: ON (4)
- Default VLAN: 100 (4)
- Hide SSID: Yes (5)
- User Isolation: No (5)

**Authentication settings:**

- Authentication mode: Static PSK (6)
- Security mode: WPA or WPA2 (6)
- PSK key: Passphrase (7)
- PSK key: Confirm password (8)

At the bottom, the 'Apply and Configure Advanced Settings' button is highlighted (9). The bottom right corner shows 'Clients: 0' and 'Event Logs: 0, 6, 9, 21'.

# 5GHZ(1)radioにSSID(h3c-sales)を含める

The screenshot displays the H3C WA6320-JP web management interface. The breadcrumb navigation path is: All Networks > Wireless Configuration > Wireless Networks > Wireless Networks > Advanced Settings(h3c-support). The 'Binding' tab is selected and highlighted with a red box and a circled '1'. The 'Wireless Networks' menu item in the left sidebar is also highlighted with a red box and a circled '2'. The main content area shows the 'Bind to APs' configuration. The 'Candidate' list contains '2.4GHz(2)' and '5GHz(1)'. The '5GHz(1)' entry is highlighted with a red box and a circled '2', with a red arrow pointing to an empty box in the 'Selected' list. The 'Apply' button at the bottom left is highlighted with a red box and a circled '3'. The bottom right corner shows 'Clients: 0' and 'Event Logs: 0 6 9 23'.

# SSID(h3c-lobby)を作成する

**H3C WA6320-JP** Save Roadmap admin

Actions All Networks > Quick Start > Add Wireless Service > Add Wireless Service

Dashboard Add Wireless Service

Quick Start

**1** Add Wireless Service

Add New User

Monitoring >

Wireless Configuration >

Network Security >

System >

Tools >

Reporting >

**Basic settings**

Wireless service name \* **2** h3c-lobby (1-63 chars)

SSID \* **3** h3c-lobby (1-32 chars)

Description (1-64 chars)

Wireless Service **4**  ON  OFF

Default VLAN 110 (1-4094, 1 by default)

Hide SSID **5**  Yes  No

User Isolation  Yes  No

**9** Apply and Configure Advanced Settings Apply

**Authentication settings**

Authentication mode **6**  Static PSK

Open (no authentication)

802.1X

802.1X (clear)

Static WEP

MAC Authentication

IPv4 Portal Authentication

IPv6 Portal Authentication

Security mode  WPA  WPA2  WPA or WPA2

PSK key \* **7** ..... (8-63 alphanumeric chars)

**8** ..... Confirm password

System View **Network View**

Clients 0 Event Logs 0 6 9 22

# 2.4GHZ(1)radio(にSSID(h3c-lobby)を含める

The screenshot displays the H3C WA6320-JP management interface. The breadcrumb path is 'All Networks > Wireless Configuration > Wireless Networks > Wireless Networks > Advanced Settings(h3c-support)'. The 'Binding' tab is selected and highlighted with a red box and a circled '1'. The 'Wireless Networks' menu item in the left sidebar is also highlighted with a red box and a circled '2'. The 'Candidate' list contains '2.4GHz(2)' and '5GHz(1)', with '2.4GHz(2)' selected and highlighted by a red box and a circled '2'. A red arrow points from this selection to an empty box in the 'Selected' column. The 'Apply' button at the bottom left is highlighted with a red box and a circled '3'. The bottom right corner shows 'Clients: 0' and 'Event Logs: 0 6 9 23'.

# VLAN100を作成する

The screenshot shows the H3C WA6320-JP web interface. The breadcrumb navigation is System > Network Configuration > VLAN > VLAN. The left sidebar contains a menu with the following items: Network Configuration (1), Network Interfaces, VLAN (2), Network Routing, Network Services, Management Protocols, Network Security, System, and Tools. The main content area displays a table of VLANs with columns: VLAN, Untagged Port List, Tagged Port List, IP address of the VLAN interface, and Description. A 'Create VLAN list' dialog box is open, showing a 'VLAN list' input field (4) containing '100' and an 'Apply' button (5). The dialog box also includes a 'Cancel' button and a close button (X). The bottom of the interface shows 'System View' and 'Network View' tabs, and a status bar with 'Clients' (0) and 'Event Logs' (0, 6, 9, 23).

VLAN	Untagged Port List	Tagged Port List	IP address of the VLAN interface	Description	Actions
1	↑ 1		10.40.94.1/255.255.255.0	VLAN 0001	

# VLAN110を作成する

The screenshot shows the H3C WA6320-JP web management interface. The breadcrumb path is System > Network Configuration > VLAN > VLAN. The left sidebar has 'VLAN' highlighted with a red box and circled '1'. In the main area, a '+' icon is circled '2'. A 'Create VLAN list' dialog box is open, with '110' entered in the 'VLAN list' field, circled '3', and the 'Apply' button circled '4'. The background table shows existing VLANs: 1 (Untagged Port List: 1, IP: 10.40.94.1/255.255.255.0, Description: VLAN 0001) and 100 (Untagged Port List: 0, Description: VLAN 0100). The bottom status bar shows 'System View' highlighted with a red box, and 'Clients: 0' and 'Event Logs: 0 6 9 23'.

VLAN	Untagged Port List	Tagged Port List	IP address of the VLAN interface	Description	Actions
1	↑ 1		10.40.94.1/255.255.255.0	VLAN 0001	✎
100	0			VLAN 0100	✎ ✕

# VLANが完成

System > Network Configuration > VLAN > VLAN

VLAN MAC STP

### VLAN

VLAN	Untagged Port List	Tagged Port List	IP address of the VLAN interface	Description	Actions
1	↑ 1	0	10.40.94.1/255.255.255.0	VLAN 0001	✎
100	0	↑ 1	--	VLAN 0100	✎ 🗑
110	0	↑ 1	--	VLAN 0110	✎ 🗑

Total 6 entries, 3 matched. Page 1 / 1.

System View Network View

Clients 0 Event Logs 0 6 9 23



# GE1/0/1ポートをtrunkポートに変更する(手順2)

The screenshot displays the H3C WA6320-JP web management interface for configuring the GigabitEthernet1/0/1 interface. The breadcrumb path is System > Network Configuration > Network Interfaces > Interfaces > Edit Interface. The interface status is 'up'. The description is 'GigabitEthernet1/0/1 Interface'. The MAC address is '00-DD-B6-B1-92-60'. The link type is 'Trunk' (highlighted with a red box and circled '3'). The PVID is '1'. The permit VLAN list is '1-4094' (highlighted with a red box and circled '4'). The link speed is 'Auto', duplex is 'Auto', and bandwidth is '(Current: 1000000kbit/s)'. The 'System View' button at the bottom is highlighted with a red box. The left sidebar shows 'Network Configuration' and 'Network Interfaces' highlighted with red boxes and circled '1' and '2' respectively. The bottom right corner shows 'Clients: 0' and 'Event Logs: 0, 6, 9, 23'.

Actions: System > Network Configuration > Network Interfaces > Interfaces > Edit Interface

Interface: GigabitEthernet1/0/1 (GE1/0/1)

Status: up  Shut down

Description: GigabitEthernet1/0/1 Interface (1-255 chars)

MAC address: 00-DD-B6-B1-92-60 (HH-HH-HH-HH-HH-HH)

VLAN

Link type: Trunk

PVID: 1

Permit VLAN List: 1-4094 (1-4094, e.g. 3,5,10-100)

Link speed: (Current: 1000000Kbps)

Duplex: (Current: Full)

Bandwidth: (Current: 1000000kbit/s)

System View | Network View

Clients: 0 | Event Logs: 0, 6, 9, 23

# GE1/0/1ポートをtrunkポートに変更する(手順2)

System > Network Configuration > Network Interfaces > Interfaces > Edit Interface

Actions

Dashboard

Network Configuration

Network Interfaces

VLAN

Network Routing

Network Services

Management Protocols

Network Security

System

Tools

Duplex (Current: Full)  
Auto

Bandwidth (Current: 1000000kbit/s)  
(1-400000000)kbit/s

Link mode  
 Bridge  Route

Jumbo frame  
 Disable  
 1600 (1600-1600)

BPDU interception  
 Enable BPDU interception

Flow control  
Disable

Traffic suppression  
Broadcast suppression  
ratio 100

Multicast suppression  
ratio 100

Unknown unicast suppression  
ratio 100

Apply Cancel

System View Network View

Clients 0

Event Logs 0 6 9 23

画面の最下までスクロールダウン

1

# 設定を保存(save)してログアウト

The screenshot displays the H3C WA6320-JP management interface. The top navigation bar includes the H3C logo, model number WA6320-JP, and a user profile 'admin'. A 'Save' button is highlighted with a red box and a circled '1'. A dropdown menu is open, showing options: Language (English), Change Password, Scan and Look Me, and Logout (highlighted with a red box and a circled '3'). A circled '2' is placed over the dropdown menu. The main dashboard shows 'System Logs' with 0 Emergency, 6 Critical, and 13 Warning events. Below are 'Channel Usage' (5G(1) at 2%, 2.4G(2) at 11%), 'System usage' (0% CPU, 72% Memory), 'Wireless services' (bar chart), and 'Clients' (0 clients). The bottom status bar shows 'System View' and 'Network View' tabs, and a summary of 0 Clients and 26 Event Logs.

**Actions** All Networks > Dashboard

**System Logs**

Severity	Count
Emergency	0
Critical	6
Warning	13
Info	3

**Channel Usage**

Bandwidth	Channel	Usage
5G(1)	Channel:132	2%
2.4G(2)	Channel:11	11%

**System usage**

Metric	Value
CPU	0%
Memory	72%

**Wireless services**

SSID	Client Number
h3c-su...	0
h3c-sa...	0
h3c-lo...	0

**Clients**

Quantity
0

**System View** **Network View**

**Clients** 0 **Event Logs** 26



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# Dashboardでシステムの状態を表示

Network view > Dashboardを選択します。

The screenshot displays the H3C WA6320-JP dashboard interface. The top navigation bar includes the H3C logo, the model number WA6320-JP, and user information (Save, Roadmap, admin). The left sidebar contains a menu with 'Dashboard' highlighted by a red box and a circled '2'. The main content area shows a 'System Logs' summary with 0 Emergency, 6 Critical, 15 Warning, and 37 Informational events. Below this are four widgets: 'Channel Usage' (1% for 5G, 5% for 2.4G), 'System usage' (0% CPU, 71% Memory), 'Wireless services' (a bar chart for SSIDs), and 'Clients' (0 clients). The bottom navigation bar has 'Network View' highlighted by a red box and a circled '1'. A status bar at the bottom right shows 'Clients: 0' and 'Event Logs: 0, 6, 15, 37'.

H3C WA6320-JP

Save Roadmap admin

Actions All Networks > Dashboard

2 Dashboard

Quick Start >

Monitoring >

Wireless Configuration >

Network Security >

System >

Tools >

Reporting >

System Logs

0 Emergency 6 Critical 15 Warning 37 Informational

Channel Usage

1% 5%

5G(1) Channel:116 2.4G(2) Channel:1

System usage

0% CPU 71% Memory

Serial ID: 219801A2YF821BE000YX  
Hardware: Ver.A  
Boot ROM: 7.18  
Software: 7.1.064, Release 2451

Wireless services

SSID

h3c-su...  
h3c-sa...  
h3c-lo...

client number

2.4GHz 5GHz

Clients

Quantity 0

Interface traffic

System View Network View 1

Clients 0 Event Logs 0 6 15 37

# クライアントの接続状況を表示

Monitoring > Clientsを選択します。

H3C WA6320-JP Save Roadmap admin

Actions All Networks > Monitoring > Clients > Clients

Dashboard

Quick Start >

① Monitoring

Wireless Networks

② Clients

Wireless Security

Client Proximity Sensor

Application Monitoring

Wireless Configuration >

Network Security >

System >

Tools >

Reporting >

Clients

**By Radio**

Radio	Client
2	1

1/1

**By SSID**

SSID	Clients(5GHz)	Clients(2.4GHz)
h3c-lobby	0	1

1/1

**By Authentication Mode**

- Open
- 802.1X
- MAC
- Portal
- MAC + Portal
- PSK + WEP

100%

**By radio type**

- 802.11a(5GHz)
- 802.11n(5GHz)
- 802.11ac(5GHz)
- 802.11ax(5GHz)
- 802.11b(2.4GHz)
- 802.11g(2.4GHz)
- 802.11n(2.4GHz)
- 802.11ac(2.4GHz)
- 802.11ax(2.4GHz)

100%

System View **Network View**

Clients 1 Event Logs 0 6 12 36

# ARPエントリーを表示

Network configuration > Network Services > ARPを選択します。

System > Network Configuration > Network Services > ARP > ARP

## ARP

Address Resolution Protocol resolves IP addresses into MAC addresses on Ethernet networks.

IP Address	MAC Address	Type	VLAN	Interface	Actions
<input type="checkbox"/> 10.40.94.10	4C-E1-73-42-50-E3	Dynamic	1	GE1/0/1	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Total 7 entries, 7 matched, 0 selected. Page 1 / 1.

System View Network View **1**

Clients 0 Event Logs 0 6 11 31

# イベントログを表示

System > Event Logsを選択します。

The screenshot displays the H3C WA6320-JP web management interface. The left sidebar contains a navigation menu with the following items: Actions, Dashboard, Network Configuration, Network Security, System (2), Event Logs (3), Resource, Administrators, Management, and Tools. The 'System' and 'Event Logs' items are highlighted with red boxes and circled numbers 2 and 3 respectively.

The main content area shows the 'System Logs' page. At the top, there is a breadcrumb trail: System > System > Event Logs > Event Logs. Below this, there are tabs for 'Event Logs' and 'System Logs'. The 'System Logs' tab is active, showing a table of log entries. The table has columns for Time, Level, and Description. The entries include system restarts, channel changes, and interface state changes.

Time	Level	Description	Actions
2021-11-12 15:22:43	Informational	System restarted -- H3C Comware Software.	...
2021-11-12 15:23:07	Informational	[APID:1,Radio:2] Channel was changed to 1.	...
2021-11-12 15:23:07	Informational	[APID:1,Radio:1] Channel was changed to 116.	...
2021-11-12 15:23:08	Error	Physical state on the interface WLAN-Radio1/0/2 changed to up.	...
2021-11-12 15:23:08	Error	Physical state on the interface WLAN-Radio1/0/1 changed to up.	...
2021-11-12 23:23:37	Informational	BSS 00dd-b6b1-9263 was created after service template 16 with SSID H3C_B19260 was bound to radio 1 on AP fatap.	...
2021-11-12 23:23:37	Informational	BSS 00dd-b6b1-9260 was created after service template 1 with SSID H3C_WiFi_1 was bound to radio 1 on AP fatap.	...
2021-11-12 23:23:38	Informational	The undo authorization-attribute user-role network-operator command failed to restore configuration.	...
2021-11-12 23:23:38	Informational	BSS 00dd-b6b1-9273 was created after service template 16 with SSID H3C_B19260 was bound to radio 2 on AP fatap.	...
2021-11-12 23:23:38	Informational	BSS 00dd-b6b1-9270 was created after service template 1 with SSID H3C_WiFi_1 was bound to radio 2 on AP fatap.	...
2021-11-12 23:23:49	Informational	Nearest bridge agent neighbor created on port GigabitEthernet1/0/1 (IfIndex 1), neighbor's chassis ID is 9023-b431-13ed, port ID is GigabitEthernet1/0/1.	...
2021-11-12 23:23:49	Notification	Line protocol state on the interface Vlan-interface1 changed to up.	...

Total 53 entries, 53 matched. Page 1 / 1.

The bottom status bar shows 'System View' (1) and 'Event Logs' with 35 entries. The 'Event Logs' section also displays a summary: Clients 0, 0 errors, 6 warnings, 12 notifications, and 35 total events.

# ファームウェアのバージョンを表示

System > Event Logsを選択します。

The screenshot shows the H3C WA6320-JP web interface. The breadcrumb navigation path is System > System > Management > About. The left sidebar contains the following menu items: Actions, Dashboard, Network Configuration, Network Security, System (highlighted with a red box and circled 2), Event Logs, Resource, Administrators, Management (highlighted with a red box and circled 3), and Tools. The main content area shows the About page with the following tabs: Settings, Configuration, Upgrade (circled 4), and About (highlighted with a red box). The About page displays the following information: This device, Version (highlighted with a red box and circled 5), Electronic label, and Legal statement. The bottom status bar shows System View (highlighted with a red box and circled 1) and Network View. The status bar also displays the following information: Clients (0), Event Logs (0), and a total of 37 (0, 6, 15, 37).

# ファームウェアのバージョンを表示(続き)

System > Event Logsを選択します。

The screenshot displays the H3C WA6320-JP management interface. The left sidebar contains navigation options: Actions, Dashboard, Network Configuration, Network Security, System, Event Logs, Resource, Administrators, Management, and Tools. The main content area shows the breadcrumb path 'System > System > Management > About' and a detailed system information page. A red box highlights the system information text, which includes software version, uptime, boot image details, hardware specifications, and hardware version information. At the bottom, the 'System View' button is highlighted with a red box, and the status bar shows 0 clients and 37 event logs.

H3C WA6320-JP

Save Roadmap admin

System > System > Management > About

H3C Comware Software, Version 7.1.064, Release 2451  
Copyright (c) 2004-2021 New H3C Technologies Co., Ltd. All rights reserved.  
H3C WA6320-JP uptime is 0 weeks, 0 days, 1 hour, 28 minutes  
Last reboot reason : Power on

Boot image: flash:/wa6300-boot.bin  
Boot image version: 7.1.064, Release 2451  
Compiled Dec 20 2021 16:00:00

System image: flash:/wa6300-system.bin  
System image version: 7.1.064, Release 2451  
Compiled Dec 20 2021 16:00:00

with 1 ARM 1000MHz Processor  
512M bytes DDR4  
128M bytes NandFlash Memory

Hardware Version is Ver.A  
Basic Bootrom Version is 7.18  
Extend Bootrom Version is 7.18  
[Subslot 0]H3C WA6320-JP Hardware Version is Ver.A  
[SLOT 1]GE1/0/1 (Hardware)Ver.A, (Driver)1.0  
[SLOT 1]RADIO1/0/1 (Hardware)Ver.A, (Driver)1.0  
[SLOT 1]RADIO1/0/2 (Hardware)Ver.A, (Driver)1.0

System View Network View

Clients 0 Event Logs 0 6 15 37



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# APをバージョンアップする

System View > System > Management > Upgrade > Upgradeを選択します。

The screenshot displays the H3C WA6320-JP web management interface. The breadcrumb navigation path is System > System > Management > Upgrade. The left sidebar contains the following menu items: Actions, Dashboard, Network Configuration, Network Security, System (highlighted with a red box and circled '2'), Event Logs, Resource, Administrators, Management (highlighted with a red box and circled '3'), and Tools. The main content area shows the Upgrade page with sub-menus: Settings, Configuration (highlighted with a red box and circled '4'), Upgrade (highlighted with a red box and circled '5'), Reboot, and About. Below the sub-menus is a 'View Software Images' button. The bottom status bar shows 'System View' (highlighted with a red box and circled '1') and 'Network View' tabs. On the right, there are status indicators for Clients (0) and Event Logs (0 errors, 6 warnings, 15 info, 37 total).

# APをバージョンアップする(続き)

最新バージョンのファームウェアは予めH3CのWebサイトよりダウンロードしておきます

The screenshot displays the H3C WA6320-JP web management interface. The left sidebar shows the navigation menu with 'Management' selected. The main content area is titled 'System > System > Management > Upgrade' and includes tabs for 'Settings', 'Configuration', 'Upgrade', 'Reboot', and 'About'. The 'Upgrade' tab is active, showing a 'View Software Images' button. A modal dialog box titled 'Upgrade system software' is open in the center. The dialog box contains a file selection field with a red box around it and a red circle with the number '1' next to it. The text inside the dialog box reads 'ファイルを選択 選択されていません' and 'Reboot now' with a checked checkbox. The dialog box also has 'Apply' and 'Cancel' buttons at the bottom.

# APをバージョンアップする(続き)

## 最新バージョンのファームウェアを選択します

The screenshot displays the H3C WA6320-JP management interface. The left sidebar shows the navigation menu with 'Management' selected. The main content area is titled 'System > System > Management > Upgrade' and includes tabs for 'Settings', 'Configuration', 'Upgrade', 'Reboot', and 'About'. A blue 'Upgrade' button is visible. A dialog box titled 'Upgrade system software' is open, showing a file selection prompt and a checked 'Reboot now' option. A Windows File Explorer window is overlaid on the dialog, showing the 'Downloads' folder. The file 'WA6300-CMW710-R2451.ipe' is selected and highlighted with a red box, with a circled '1' next to it. The file name and path are visible in the File Explorer's address bar and file name field.

Upgrade system software

ファイルを選択 選択されています

Reboot now

Apply

開く

PC > ダウンロード

ダウンロード

名前

先月 (1)

WA6300-CMW710-R2451.ipe

更新日時

ファイル名(N): WA6300-CMW710-R2451.ipe

すべてのファイル (\*.\*)

開く(O) キャンセル

System View Network View

Clients 0

Event Logs 0 6 15 37

# APをバージョンアップする(続き)

ApplyをクリックするとファイルのUploadが始まります

The screenshot displays the H3C WA6320-JP management interface. The top navigation bar includes 'Save', 'Roadmap', and 'admin'. The left sidebar shows a menu with 'Management' selected. The main content area is titled 'System > System > Management > Upgrade' and contains tabs for 'Settings', 'Configuration', 'Upgrade', 'Reboot', and 'About'. The 'Upgrade' tab is active, showing an 'Upgrade' button and a 'View Software Images' link. A modal dialog box titled 'Upgrade system software' is open, displaying 'Please wait...' and 'Uploading file...' with a progress indicator. The 'Apply' button in the dialog is highlighted with a red box and a red circle containing the number '1'. The bottom status bar shows 'System View' and 'Network View' tabs, along with 'Clients' (0) and 'Event Logs' (0 errors, 6 warnings, 15 info, 37 debug) counts.

# APをバージョンアップする(続き)

アップロードが終了するとリブートを始めます

The screenshot displays the H3C WA6320-JP web management interface. The top navigation bar includes the H3C logo, the model number 'WA6320-JP', and user information 'admin'. The main content area shows a breadcrumb trail: 'System > System > Management > Upgrade'. Below this, there are tabs for 'Settings', 'Configuration', 'Upgrade', 'Reboot', and 'About', with 'Upgrade' currently selected. A 'View Software Images' button is visible. A modal dialog box is open in the center, titled 'Upgrade system software'. It contains a 'Please wait...' message and a 'Rebooting...' status with a circular arrow icon. The dialog has 'Apply' and 'Cancel' buttons at the bottom. The bottom of the interface shows 'System View' and 'Network View' tabs, and a status bar with 'Clients' (0) and 'Event Logs' (0, 6, 15, 37).

## APをバージョンアップする(続き)

リブートが終了しバージョンアップが完了しました。Closeをクリックして再びログインします。

The screenshot displays the H3C WA6320-JP management interface. The top navigation bar includes the H3C logo, the model number WA6320-JP, and user information (admin). The main content area shows the 'Upgrade' tab selected under the 'System > System > Management > Upgrade' path. A modal dialog box titled 'Upgrade system software' is open, displaying an 'Information' message: 'Device rebooted successfully. Please log in again.' A red box highlights the 'Close' button at the bottom of the dialog. The bottom status bar shows 'System View' and 'Network View' tabs, along with 'Clients' (0) and 'Event Logs' (6) indicators.



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# 日本語マニュアル、FAQなど

<https://knowledge-jp.h3c.com/TechDoc/index>

## 製品別検索

ルーター

スイッチ

WLAN

セキュリティ

(ファイアウォール)

クラウドコンピューティング

UIS(仮想化)

ネットワーク管理

(snmpベースiMC)

AD-NET ソリューション

サーバ

CloudNet

(Cloud管理)

Cloud Lab

(シュミレーター)

テクニカルサポート

Others

# 英文マニュアルのダウンロードサイト

https://www.h3c.com/jp/



http://www.h3c.com/en/Support/Resource\_Center/Technical\_Documents/

ログイン 国/地域 検索

H3C 製品・技術 ソリューション サポート 研修・認定 パートナー企業 会社概要

## サポート

すべて表示 >

### リソースセンター

ソフトウェアのダウンロード  
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### ポリシー













サービス掲示板  
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オンラインヘルプ

# 製品カテゴリーの選択

Products by Category

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 Wireless	 Security	 Network Management
 SDN	 License Server	 Transceiver Modules
 NFV	 Servers	 Oasis

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## H3C WX1800H Series Access Controllers

H3C WX1800H Series Access Controllers

[Learn More →](#)

## H3C WX5800H Series Access Controllers

H3C WX5800H Series Access Controllers

[Learn More →](#)

## H3C 802.11ax Series Access Points

H3C WA6638 Access Point

[Learn More →](#)

## H3C WX3800H Series Access Controllers

H3C WX3800H Series Access Controllers

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## H3C 802.11ac Wave2 Series Access Points

H3C WA510H Access Point

[Learn More →](#)

H3C WA6636 Access Point

[Learn More →](#)

H3C WA530 Access Point

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H3C WA6630X Access Point

[Learn More →](#)

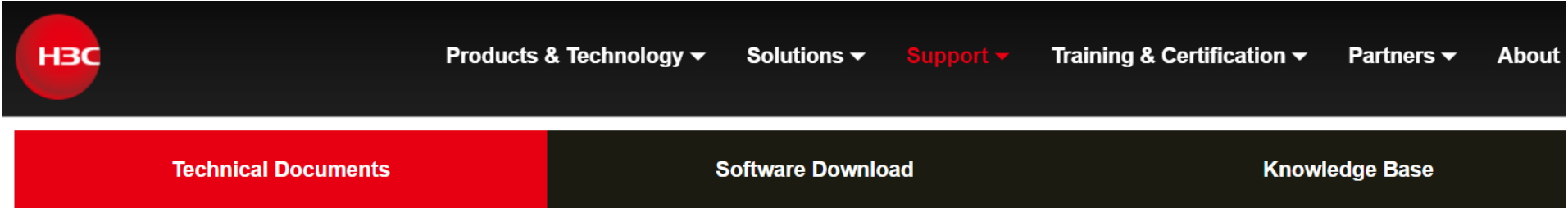
H3C WA530X Access Point

[Learn More →](#)

H3C WA6628X Access Point

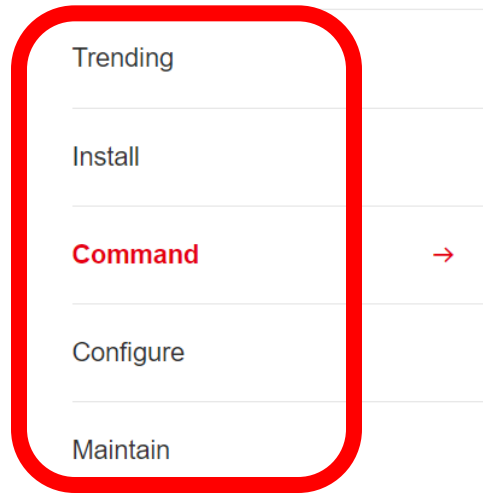
[Learn More →](#)

# 設置、コマンド、コンフィグ、保守マニュアル



The navigation bar features the H3C logo on the left and a series of menu items: Products & Technology, Solutions, Support (highlighted in red), Training & Certification, Partners, and About. Below this is a secondary navigation bar with three main categories: Technical Documents (highlighted in red), Software Download, and Knowledge Base.

## Technical Documents



A vertical sidebar menu with rounded corners, highlighted with a red border. It contains the following items: Trending, Install, Command (highlighted in red with a right-pointing arrow), Configure, and Maintain.

## Command References

Title	Date
<a href="#">H3C Access Controllers Command References(R5426P02)-6W103</a>	10-12-2020
<a href="#">→ 00-About the H3C command references</a>	
<a href="#">→ 01-License Management Command Reference</a>	
<a href="#">→ 02-Fundamentals Command Reference</a>	
<a href="#">→ 03-System Management Command Reference</a>	
<a href="#">→ 04-Interface Command Reference</a>	
<a href="#">→ 05-Network Connectivity</a>	
<a href="#">→ 06-WLAN Access Command Reference</a>	
<a href="#">→ 07-AP and WT Management Command Reference</a>	
<a href="#">→ 08-WLAN Security Command Reference</a>	

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[www.h3c.com](http://www.h3c.com)