

使用设置向导对WAP571或WAP571E进行初始配置

目标

无线接入点(WAP)提供了一种简单、经济高效的方法，可将高度安全的高性能移动网络扩展至您的员工和访客，这样无论他们使用何种无线设备，他们都可以在办公室的任何位置保持连接。此灵活的解决方案可让您的员工保持连接，并可进行扩展以适应更多用户和不断变化的业务需求。

WAP易于设置和使用，具有直观的安装向导配置，几分钟内即可启动并运行。设置向导是一组交互式说明，可指导您完成WAP的初始配置。这些说明涵盖操作WAP所需的基本配置。

注意：首次登录WAP的最新型号时，Access Point Setup Wizard屏幕会自动显示，但也可在任何时点使用。

本文介绍如何使用安装向导配置WAP571或WAP571E。

适用设备

- WAP500系列 — WAP571、WAP571E

软件版本

- 1.0.0.15 - WAP571、WAP571E

使用设置向导配置WAP

注意：以下图像从WAP571捕获。

步骤1.登录基于Web的实用程序，然后选择“运行设置向导”。



WAP571 Wireless-AC/N Premium D

Getting Started

Run Setup Wizard

- ▶ Status and Statistics
- ▶ Administration
- ▶ LAN
- ▶ Wireless
- ▶ Spectrum Analyzer
- ▶ System Security
- ▶ Client QoS
- ▶ ACL
- ▶ SNMP
- ▶ Captive Portal
- ▶ Single Point Setup

Getting Started

Use the following links to quickly configure y



Initial Setup

[Run Setup Wizard](#)

[Configure Radio Settings](#)

[Configure Wireless Network Settings](#)

[Configure LAN Settings](#)

[Configure Single Point Setup](#)



Device Status

注意：如果这是您首次设置WAP，“设置向导”将自动弹出。

步骤2.单击“**下一步**”继续。

Welcome

Thank you for choosing Cisco Systems, Inc. This setup wizard will help you install your Cisco Systems, Inc Access Point.

To setup this access point manually you can cancel this wizard at any time (Not recommended).



Note: This Setup Wizard provides simplified options to help you quickly get your access point up and running. If there is any option or capability that you do not see while running the setup wizard, click the learning link provided on many of the setup wizard pages. To set further options as you require or as seen in the learning link, cancel the setup wizard and go to the web-based configuration utility.

Click **Next** to continue

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步骤3.出现Configure Device — IP Address屏幕后，点击与要用于确定WAP的IP地址的方法对应的单选按钮。

选项有：

动态IP地址(DHCP) (推荐) — WAP的IP地址由动态配置主机协议(DCHP)服务器分配。在本例中，选择了此选项。

静态IP地址 — 允许您为WAP创建固定 (静态) IP地址。静态IP地址不会更改。

— 静态IP地址 — 此IP地址由您创建，不应由网络中的其他设备使用。

— 子网掩码 — IP地址的子网掩码。

— 默认网关 — WAP默认网关的IP地址。默认网关通常是分配给您的路由器的私有IP地址。

— DNS — 主域名系统(DNS)的IP地址。如果要访问网络外的网页，DNS服务器的IP地址应由Internet服务提供商(ISP)提供。

— 辅助DNS — 辅助DNS的IP地址。

Configure Device - IP Address

Select either Dynamic or Static IP address for your device.

- ☒ Dynamic IP Address (DHCP) (Recommended)
☐ Static IP Address

| | | | | | | | |
|---------------------------|-----|---|-----|---|-----|---|-----|
| Static IP Address: | 192 | . | 168 | . | 1 | . | 245 |
| Subnet Mask: | 255 | . | 255 | . | 255 | . | 0 |
| Default Gateway: | 192 | . | 168 | . | 1 | . | 1 |
| DNS: | | . | | . | | . | |
| Secondary DNS (optional): | | . | | . | | . | |

[? Learn more about the different connection types](#)

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步骤4.单击“**下一步**”继续。

步骤5.在Single Point Setup — Set A Cluster屏幕中，点击与要使用的群集设置对应的单选按钮。集群允许您将多个接入点(AP)配置为单个设备。如果选择不使用集群，则必须单独配置。

选项有：

创建新集群 — 为WAP创建新集群。

— 在New Cluster Name字段中，输入新群集名称。在AP Location字段中，输入WAP的物理位置。

加入现有集群 — 加入网络中的现有AP集群。

— 如果选择此选项，WAP将根据集群配置其余设置。单击“**下一步**”时，系统将显示一个确认页面，询问您是否确定要加入群集。单击**Submit**以加入群集。完成配置后，单击**完成**退出安装向导。

不启用单点设置

Single Point Setup -- Set A Cluster

A cluster provides a single point of administration and lets you view, deploy, configure, and secure the wireless network as a single entity, rather than separate wireless devices.

- ☐ Create a New Cluster
Recommended for a new deployment environment.
New Cluster Name:
AP Location:
Cluster Mgmt Address (optional):
- ☐ Join an Existing Cluster
Recommended for adding new wireless access points to the existing deployment environment.
Existing Cluster Name:
AP Location:
- ☒ Do not Enable Single Point Setup
Recommended for single device deployments or for configuring each device individually.
- [? Learn more about single point setup](#)

Click **Next** to continue

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步骤6.单击“下一步”继续。

步骤7.从时区(Time Zone)下拉列表中选择时区。

Configure Device - Set System Date And Time

Enter the time zone, date and time.

Time Zone:

(GMT -08:00) USA (Pacific) ▼

Set System Time:

☒ Network Time Protocol (NTP)
☐ Manually

NTP Server:

0.ciscosb.pool.ntp.org

[? Learn more about time settings](#)

Click **Next** to continue

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步骤8. 点击与要用于设置WAP时间的方法对应的单选按钮。

网络时间协议(NTP)- WAP从NTP服务器获取时间。

手动 — 将时间手动输入到WAP。

步骤9. (可选) 如果您选择手动，请分别从系统日期下拉列表中选择月、日和年。

Set System Time:

☐ Network Time Protocol (NTP)
☒ Manually

System Date:

April ▼

7 ▼

2016 ▼

System Time:

10 ▼

:

07 ▼

⌂

Gets date and time from current computer

[? Learn more about time settings](#)

步骤10. (可选) 从System Time下拉列表中，分别选择小时和分钟。

步骤11. 单击“下一步”继续。

步骤12. 在Configure Device — Set Password屏幕中，在New Password和Confirm

Password字段中输入相同密码。

Configure Device - Set Password

The administrative password protects your access point from unauthorized access. For security reasons, you should change the access point password from its default settings. Please write this password down for future reference.

Enter a new device password:

New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.

New Password:

.....

Confirm Password:

.....

Password Strength Meter:



Strong

Password Complexity:

☐ Enable

[? Learn more about passwords](#)

Click **Next** to continue

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注意：输入密码时，竖线的数量和颜色会发生变化，以指示密码强度，如下所示：

红色 — 密码无法满足最低复杂性要求。

橙色 — 密码满足最低复杂性要求，但密码强度较弱。

绿色 — 密码强。

步骤13. (可选) 要启用密码复杂性，请选中启用复选框。这要求密码至少有8个字符长，由小写字母和大写字母以及数字/符号组成。

步骤14.单击“下一步”继续。

步骤15.在Configure Radio 1 - Name Your Wireless Network屏幕中，在Network Name(SSID)字段中输入网络名称。SSID是无线局域网的名称。

Configure Radio 1 - Name Your Wireless Network

The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it.

Enter a name for your wireless network:

Network Name (SSID):

ciscosb

For example: MyNetwork

[? Learn more about network names](#)

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步骤16.单击“下一步”继续。

步骤17.在Configure Radio 1 - Secure Your Wireless Network (配置无线电1 — 保护无线网络) 屏幕中，点击与要应用于无线网络的网络安全性对应的单选按钮。

最佳安全 (WPA2个人 — AES) — WPA2是Wi-Fi无线网络的WPA安全和访问控制技术的第二版，包括AES-CCMP加密。此协议版本提供符合IEEE 802.11i标准的最佳安全性。网络上的所有客户端站点都需要能够支持WPA2。WPA2不允许使用具有已知限制的临时密钥完整性协议(TKIP)。

更好的安全性 (WPA/WPA2个人 — TKIP/AES) — WPA个人是Wi-Fi联盟IEEE 802.11i标准，包括AES-CCMP和TKIP加密。当存在支持原始WPA但不支持较新WPA2的较旧无线设备时，它提供安全性。

无安全性 (不推荐) — 无线网络不需要密码，任何人都可以访问。如果选择No Security，请跳至[步骤25](#)。

注意：在下图中，以最佳安全 (WPA2个人 — AES) 为例。

Select your network security strength.

- 步骤18.在Security Key字段中，输入网络的密码。

步骤19. (可选) 要在键入时查看密码，请选中Show Key as Clear Text复选框。

步骤21.在Configure Radio 1 - Assign the VLAN ID For Your Wireless Network (配置无线电1 — 为无线网络分配VLAN ID) 屏幕中,在VLAN ID字段中输入您希望WAP属于的VLAN的ID号。

注意：VLAN ID应与连接到WAP的远程设备端口上支持的其中一个VLAN ID匹配。

Configure Radio 1 - Assign The VLAN ID For Your Wireless Network

By default, the VLAN ID assigned to the management interface for your access point is 1, which is also the default untagged VLAN ID. If the management VLAN ID is the same as the VLAN ID assigned to your wireless network, then the wireless clients associated with this specific wireless network can administer this device. If needed, an access control list (ACL) can be created to disable administration from wireless clients.

Enter a VLAN ID for your wireless network:

VLAN ID: Range: 1 - 4094)

[? Learn more about vlan ids](#)

Click **Next** to continue

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步骤22.单击“**下一步**”继续。

步骤23. (可选) 在Configure Radio 2 - Name Your Wireless Network (配置无线电2 — 为无线网络命名) 屏幕中，重复步骤15 - 22以配置Radio 2。

步骤24.在Enable Captive Portal - Create Your Guest Network (启用强制网络门户 — 创建访客网络) 屏幕中选择单选按钮。

是 — 要配置WAP的强制网络门户功能，请单击[此处](#)继续执行详细说明。

不，谢谢。 — 跳过此步骤以稍后配置强制网络门户。

Enable Captive Portal - Create Your Guest Network

Use Captive Portal to set up a guest network, which means that wireless users need to be authenticated before they can access the Internet. For example, a hotel can create a guest network to redirect new wireless users to a page for authentication.

Do you want to create your guest network now?

- ☐ Yes
- ☒ No, thanks.

[? Learn more about captive portal guest networks](#)

Click **Next** to continue

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步骤25.单击“下一步”继续。

步骤26.检查并确认WAP上的设置。

Summary - Confirm Your Settings

Please review the following settings and ensure the data is correct.

Radio 1 (5 GHz)

| | |
|------------------------|---------------------|
| Network Name (SSID): | ciscosb |
| Network Security Type: | WPA2 Personal - AES |
| Security Key: | ***** |
| VLAN ID: | 1 |

Radio 2 (2.4 GHz)

| | |
|------------------------|---------------------|
| Network Name (SSID): | ciscosb-guest |
| Network Security Type: | WPA2 Personal - AES |
| Security Key: | ***** |
| VLAN ID: | 1 |

Click **Submit** to enable settings on your Cisco Systems, Inc Access Point

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Submit

Cancel

第27步。(可选)如果要编辑所做的设置,请单击**Back**。

步骤28。(可选)如果要退出安装向导并撤消所做的所有更改,请单击**取消**。

步骤29.单击**Submit**以启用WAP上的设置。当WAP启用设置时,将显示加载条。

Enable Security - Update Security Settings

Cisco Setup Wizard will now enable your security.

Enabling Security...



This might take a few moments.

Warning : Your wireless settings are about to be updated. You may be disconnected. Please search new SSID and reconnect it.

Click **Submit** to enable settings on your Cisco Systems, Inc Access Point

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Submit

Cancel

注意：第29步仅在您单击摘要 — 确认您的设置屏幕中的提交时才适用。

步骤30.单击“**完成**”退出“安装向导”。

Device Setup Complete

✔ Congratulations, your access point has been set up successfully. We strongly recommend that you save these settings by writing them down or by copying and pasting them into a text document. You will need these settings later when you add other wireless computers or devices to your network.

| | |
|------------------------|---------------------|
| Cluster Name: | ciscosb-cluster |
| Radio 1 (5 GHz) | |
| Network Name (SSID): | ciscosb |
| Network Security Type: | WPA2 Personal - AES |
| Security Key: | ***** |
| Radio 2 (2.4 GHz) | |
| Network Name (SSID): | ciscosb-guest |
| Network Security Type: | WPA2 Personal - AES |
| Security Key: | ***** |



Click **Finish** to close this wizard.

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Finish

Cancel

您现在应该已使用设置向导配置了WAP571或WAP571E。