# Konfiguration des Einrichtungsassistenten für den WAP131 Access Point

## Ziel

Der Installationsassistent ist eine integrierte Funktion, die bei der Erstkonfiguration des WAP-Geräts unterstützt. Der Setup-Assistent vereinfacht die Konfiguration der grundlegenden Einstellungen. Der schrittweise Prozess des Setup-Assistenten führt Sie durch die Konfiguration aller grundlegenden Einstellungen, die für die Ausführung des WAP-Geräts erforderlich sind.

In diesem Artikel wird erläutert, wie das WAP131-Gerät mit dem Installationsassistenten konfiguriert wird.

#### Anwendbare Geräte

WAP131

#### Softwareversion

·1,0/3,4

#### Einrichtungsassistent

Schritt 1: Melden Sie sich beim Konfigurationsprogramm für Access Points an, und wählen Sie im Navigationsbereich die Option **Setup Wizard (Installationsassistent ausführen)** aus. Das Fenster *Access Point Setup Wizard* (Assistent für Access Point-Einrichtung) wird angezeigt:



**Hinweis:** Wenn Sie sich zum ersten Mal beim WAP angemeldet haben, wird der Setup Wizard (Installationsassistent) automatisch geöffnet.

#### Konfiguration

Schritt 1: Klicken Sie auf **Weiter**, um fortzufahren. Der Abschnitt *Gerät konfigurieren - IP-Adresse* wird angezeigt.

| Access Point Setu           | o Wizard  |
|-----------------------------|---|
| Welcome<br>Configuration    | Configure Device - IP Address<br>Select either Dynamic or Static IP address for your device.                          |
| IP Address<br>Time Settings | <ul> <li>Dynamic IP Address (DHCP) (Recommended)</li> <li>Static IP Address</li> </ul>                                |
| Device Password             | Static IP Address: 192 . 168 . 1 . 245  |
| Radio 1 (2.4 GHz)           | Subnet Mask:         255         255         0           Default Gateway:         102         168         1         1 |
| Network Name                | DNS:  |
| Wireless Security           | Secondary DNS (optional):   |
| VLAN ID                     |   |
| Radio 2 (5 GHz)             | QLearn more about the different connection types  |
| Network Name                |   |
| Wireless Security           |   |
|                             | Click Next to continue  |
|                             | Back Next Cancel  |

Schritt 2: Klicken Sie auf das Optionsfeld für die Methode, mit der Sie die IP-Adresse des WAP bestimmen möchten.

| Access Point Set            | up | Wizard  |                        |                  |      |          |            |      |      |       |   |
|-----------------------------|----|---|------------------------|------------------|------|----------|------------|------|------|-------|---|
| Welcome<br>Configuration    | •  | Configure Device - IP A<br>Select either Dynamic or Static              | <b>ddre</b><br>IP addr | SS<br>ress for y | our  | device   | <b>)</b> . |      |      |       |   |
| IP Address<br>Time Settings |    | <ul> <li>Dynamic IP Address (DHCF</li> <li>Static IP Address</li> </ul> | ²) (Rec                | commend          | led) | )        |            |      |      |       |   |
| Device Password             |    | Static IP Address:  | 192                    | . 168            |      | 1        | ].         | 245  |      |       |   |
| Radio 1 (2.4 GHz)           | Ш  | Subnet Mask:  | 255                    | . 255            | ].   | 255<br>1 | ].         | 0    |      |       |   |
| Network Name                |    | DNS:  | 1                      | . 1              |      | '<br>1   | 1.         | 1    |      |       |   |
| Wireless Security           |    | Secondary DNS (optional):   |                        | ].               | ٦.   |          | ٦.         |      |      |       |   |
| VLAN ID                     |    |   |                        |                  |      |          |            |      |      |       |   |
| Radio 2 (5 GHz)             |    | Learn more about the difference   | <u>nt conn</u>         | ection ty        | pes  |          |            |      |      |       |   |
| Network Name                |    |   |                        |                  |      |          |            |      |      |       |   |
| Wireless Security           |    |   |                        |                  |      |          |            |      |      |       |   |
|                             | *  | Click Next to continue  |                        |                  |      |          |            |      |      |       |   |
|                             |    |   |                        |                  |      |          | B          | Back | Next | Cance | * |

Die verfügbaren Optionen sind wie folgt definiert:

·Dynamische IP-Adresse (DHCP) (empfohlen) - Ermöglicht dem DHCP-Server, Ihnen eine dynamische IP-Adresse für den WAP zuzuweisen. Fahren Sie mit Schritt 7 fort.

·Statische IP-Adresse - Ermöglicht das Erstellen einer statischen (statischen) IP-Adresse für den WAP. Eine statische IP-Adresse ändert sich nicht.

Schritt 3: Wenn **statische IP-Adresse** im vorherigen Schritt ausgewählt wurde, geben Sie die IP-Adresse des WAP im Feld *Statische IP-Adresse ein.* Diese IP-Adresse ist nur für den WAP bestimmt und sollte nicht von einem anderen Access Point im Netzwerk verwendet werden.

| access Point Se             | etup     | Wizard  |         |                  |            |          |      |       |    |
|-----------------------------|----------|---|---------|------------------|------------|----------|------|-------|----|
| Welcome<br>Configuration    | <b>^</b> | Configure Device - IP A<br>Select either Dynamic or Static              | ddre:   | SS<br>ess for yo | our device | <u>.</u> |      |       |    |
| IP Address<br>Time Settings |          | <ul> <li>Dynamic IP Address (DHCF</li> <li>Static IP Address</li> </ul> | 9) (Rec | ommende          | ed)        |          |      |       |    |
| Device Password             |          | Static IP Address:  | 192     | . 168            | . 1        | . 245    | )    |       |    |
| Radio 1 (2.4 GHz)           | E        | Subnet Mask:  | 255     | . 255            | . 255      | . 0      | ]    |       |    |
| Network Name                |          | DNS:  | 1       | 1                | 1          | 1        | ]    |       |    |
| Wireless Security           |          | Secondary DNS (optional):   |         | ].[              | ].[        | ].[      | ]    |       |    |
| VLAN ID                     |          |   |         |                  |            |          |      |       |    |
| Radio 2 (5 GHz)             |          | Learn more about the difference   | nt conn | ection typ       | es         |          |      |       |    |
| Network Name                |          |   |         |                  |            |          |      |       |    |
| Wireless Security           |          |   |         |                  |            |          |      |       |    |
|                             | ~        | Click Next to continue  |         |                  |            |          |      |       |    |
|                             |          |   |         |                  |            | Back     | Next | Cance | el |

Schritt 4: Geben Sie die Subnetzmaske der IP-Adresse im Feld Subnetzmaske ein.

| Access Point Set            | up Wizard   |
|-----------------------------|---|
| Welcome<br>Configuration    | Configure Device - IP Address     Select either Dynamic or Static IP address for your device.   |
| IP Address<br>Time Settings | <ul> <li>Dynamic IP Address (DHCP) (Recommended)</li> <li>Static IP Address</li> </ul>  |
| Device Password             | Static IP Address: 192 . 168 . 1 . 245  |
| Radio 1 (2.4 GHz)           | Subnet Mask:         255         255         0  |
| Network Name                | Default Gateway:         192         .         168         .         1         .         1           DNS:         1         . |
| Wireless Security           | Secondary DNS (optional):   |
| VLAN ID<br>Radio 2 (5 GHz)  | <u>Learn more about the different connection types</u>  |
| Network Name                |   |
| Wireless Security           |   |
|                             | Click Next to continue  |
|                             | Back Next Cancel  |

Schritt 5: Geben Sie die IP-Adresse des Standard-Gateways für den WAP im Feld *Standard-Gateway ein*. Das Standard-Gateway ist in der Regel die private IP-Adresse, die dem Router zugewiesen ist.

| cess Point Setup Wizard     |          |  |  |            |           |       |   |      |        |  |  |
|-----------------------------|----------|--|--|------------|-----------|-------|---|------|--------|--|--|
| Welcome<br>Configuration    | <b>*</b> | Configure Device - IP /<br>Select either Dynamic or Static             | Configure Device - IP Address<br>Select either Dynamic or Static IP address for your device. |            |           |       |   |      |        |  |  |
| IP Address<br>Time Settings | 1        | <ul> <li>Dynamic IP Address (DHC</li> <li>Static IP Address</li> </ul> | P) (Rec  | commend    | ed)       |       |   |      |        |  |  |
| Device Password             |          | Static IP Address:   | 192  | . 168      | . 1       | . 245 |   |      |        |  |  |
| Radio 1 (2.4 GHz)           | Ξ        | Subnet Mask:   | 255  | . 255      | . 25      | 5.0   |   |      |        |  |  |
| Network Name                |          | Default Gateway:<br>DNS:   | 192<br>1   | . 168      | . 1       | . 1   | ) |      |        |  |  |
| Wireless Security           |          | Secondary DNS (optional):  |  | ].         | j.[       |       |   |      |        |  |  |
| VLAN ID                     |          |  |  |            |           |       |   |      |        |  |  |
| Radio 2 (5 GHz)             |          | Learn more about the differe   | nt conn  | ection typ | <u>es</u> |       |   |      |        |  |  |
| Network Name                |          |  |  |            |           |       |   |      |        |  |  |
| Wireless Security           |          |  |  |            |           |       |   |      |        |  |  |
|                             | Ŧ        | Click Next to continue   |  |            |           |       |   |      |        |  |  |
|                             |          |  |  |            |           | Back  |   | Next | Cancel |  |  |
|                             |          |  |  |            |           | Back  |   | Next | Cance  |  |  |

Schritt 6: (Optional) Wenn Sie auf Webseiten außerhalb Ihres Netzwerks zugreifen möchten, geben Sie die IP-Adresse des primären Domänennamensystems (DNS) in das *DNS*-Feld ein. Die IP-Adresse des DNS-Servers sollte von Ihrem Internetdienstanbieter (Internet Service Provider, ISP) angegeben werden.

| Access Point Se          | tup Wizard  |
|--------------------------|---|
| Welcome<br>Configuration | Configure Device - IP Address     Select either Dynamic or Static IP address for your device.   |
| IP Address               | <ul> <li>Dynamic IP Address (DHCP) (Recommended)</li> <li>Static IP Address</li> </ul>  |
| Device Password          | Static IP Address: 192 . 168 . 1 . 245  |
| Radio 1 (2.4 GHz)        | E Subnet Mask: 255 . 255 . 0  |
| Network Name             | Default Gateway:         192         . 168         . 1         . 1           DNS:         1         1         1         1         1         1 |
| Wireless Security        | Secondary DNS (optional):   |
| VLAN ID                  |   |
| Radio 2 (5 GHz)          | Use and the different connection types  |
| Network Name             |   |
| Wireless Security        | Click Next to continue  |
|                          |   |
|                          | Back Next Cancel  |

Schritt 7: (Optional) Geben Sie im Feld *Sekundärer DNS* die IP-Adresse des sekundären DNS ein.

| Access Point Set            | up  | Wizard  |                        |                   |     |          |    |      |      |   |    |      |  |
|-----------------------------|-----|---|------------------------|-------------------|-----|----------|----|------|------|---|----|------|--|
| Welcome<br>Configuration    | •   | Configure Device - IP A<br>Select either Dynamic or Static              | <b>ddre</b><br>IP addr | SS<br>ress for ye | our | device   | э. |      |      |   |    |      |  |
| IP Address<br>Time Settings |     | <ul> <li>Dynamic IP Address (DHCF</li> <li>Static IP Address</li> </ul> | P) (Rec                | ommend            | ed  | )        |    |      |      |   |    |      |  |
| Device Password             |     | Static IP Address:  | 192                    | . 168             |     | 1        |    | 245  |      |   |    |      |  |
| Radio 1 (2.4 GHz)           | III | Subnet Mask:<br>Default Gateway:  | 255<br>192             | . 255             | ].  | 255<br>1 | ]. | 0    |      |   |    |      |  |
| Network Name                |     | DNS:  | 1                      | . 1               | ٦.  | 1        | ]. | 1    |      |   |    |      |  |
| Wireless Security           |     | Secondary DNS (optional):   | 2                      | . 2               |     | 2        |    | 2    |      |   |    |      |  |
| VLAN ID<br>Radio 2 (5 GHz)  |     | Learn more about the difference   | nt conn                | ection typ        | bes |          |    |      |      |   |    |      |  |
| Network Name                |     |   |                        |                   |     |          |    |      |      |   |    |      |  |
| Wireless Security           | Ŧ   | Click Next to continue  |                        |                   |     |          |    |      |      |   |    |      |  |
|                             |     |   |                        |                   |     |          | E  | Back | Next | t | Ca | ncel |  |

Schritt 8: Klicken Sie auf Weiter.

| Access Point Set            | ccess Point Setup Wizard |   |                        |                   |            |       |      |        |  |
|-----------------------------|--------------------------|---|------------------------|-------------------|------------|-------|------|--------|--|
| Welcome<br>Configuration    | •                        | Configure Device - IP A<br>Select either Dynamic or Static              | <b>ddre</b><br>IP addr | SS<br>ress for ye | our device | e.    |      |        |  |
| IP Address<br>Time Settings |                          | <ul> <li>Dynamic IP Address (DHCF</li> <li>Static IP Address</li> </ul> | <sup>2</sup> ) (Rec    | commend           | ed)        |       |      |        |  |
| Device Password             |                          | Static IP Address:  | 192                    | . 168             | . 1        | . 245 |      |        |  |
| Radio 1 (2.4 GHz)           | H                        | Subnet Mask:  | 255                    | . 255             | . 255      | . 0   |      |        |  |
| Network Name                |                          | DNS:  | 1                      | 1                 | 1          | 1     |      |        |  |
| Wireless Security           |                          | Secondary DNS (optional):   | 2                      | . 2               | . 2        | . 2   |      |        |  |
| VLAN ID                     |                          |   |                        |                   |            |       |      |        |  |
| Radio 2 (5 GHz)             |                          | Learn more about the difference   | nt conn                | ection typ        | <u>)es</u> |       |      |        |  |
| Network Name                |                          |   |                        |                   |            |       |      |        |  |
| Wireless Security           |                          |   |                        |                   |            |       |      |        |  |
|                             | Ψ.                       | Click Next to continue  |                        |                   |            |       |      |        |  |
|                             |                          |   |                        |                   |            | Back  | Next | Cancel |  |

Das Fenster Gerät konfigurieren - Systemdatum und -zeit festlegen wird angezeigt.

| Access Point Set              | Access Point Setup Wizard |                                |  |             |  |  |  |  |  |  |
|-------------------------------|---------------------------|--------------------------------|--|-------------|--|--|--|--|--|--|
| Welcome                       | *                         | Configure Dev                  | ice - Set System Date And Time           |             |  |  |  |  |  |  |
| Configuration                 |                           | Enter the time zone,           | nter the time zone, date and time.       |             |  |  |  |  |  |  |
| ✓ IP Address                  |                           | Time Zone:                     | USA (Pacific)                            | •           |  |  |  |  |  |  |
| Time Settings Device Password |                           | Set System Time:               | Network Time Protocol (NTP)     Manually |             |  |  |  |  |  |  |
| Radio 1 (2.4 GHz)             | H                         |                                |  |             |  |  |  |  |  |  |
| Network Name                  |                           | NTP Server 1:<br>NTP Server 2: | 0.ciscosb.pool.ntp.org                   |             |  |  |  |  |  |  |
| Wireless Security             |                           | NTP Server 3:                  | 2.ciscosb.pool.ntp.org                   |             |  |  |  |  |  |  |
| VLAN ID                       |                           | NTP Server 4:                  | 3.ciscosb.pool.ntp.org                   |             |  |  |  |  |  |  |
| Radio 2 (5 GHz)               |                           | CLearn more abou               | t time settings                          |             |  |  |  |  |  |  |
| Network Name                  |                           |                                |  |             |  |  |  |  |  |  |
| Wireless Security             |                           |                                |  |             |  |  |  |  |  |  |
|                               | Ŧ                         | Click Next to co               | ontinue                                  |             |  |  |  |  |  |  |
|                               |                           |                                | Back                                     | Next Cancel |  |  |  |  |  |  |

Schritt 9: Wählen Sie Ihre Zeitzone aus der Dropdown-Liste Time Zone (Zeitzone) aus.

| Access Point Setu                | Access Point Setup Wizard              |   |  |  |  |  |  |  |  |  |
|----------------------------------|--|---|--|--|--|--|--|--|--|--|
| Welcome<br>Configuration         | Configure Devi<br>Enter the time zone, | ice - Set System Date And Time<br>date and time.                          |  |  |  |  |  |  |  |  |
| ✓ IP Address                     | Time Zone:                             | USA (Pacific)   |  |  |  |  |  |  |  |  |
| Time Settings<br>Device Password | Set System Time:                       | Trinidad and Tobago<br>Tunisia<br>Turkey<br>Turkmenistan                  |  |  |  |  |  |  |  |  |
| Radio 1 (2.4 GHz)                | -                                      | Turks & Caicos Islands<br>Tuvalu  |  |  |  |  |  |  |  |  |
| Network Name                     | NTP Server 1:<br>NTP Server 2:         | Uganda<br>Ukraine<br>Ukraine (Simferopol)                                 |  |  |  |  |  |  |  |  |
| Wireless Security                | NTP Server 3:                          | United Arab Emirates<br>United Kingdom                                    |  |  |  |  |  |  |  |  |
| VLAN ID                          | NTP Server 4:                          | Uruguay<br>US Virgin Islands  |  |  |  |  |  |  |  |  |
| Radio 2 (5 GHz)                  | 2 Learn more about                     | USA (Alaska)<br><u>t</u> USA (Aleutian Islands)<br>USA ( <i>i</i> /izapa) |  |  |  |  |  |  |  |  |
| Network Name                     |  | USA (Central)   |  |  |  |  |  |  |  |  |
| Wireless Security                |  | USA (Dountain)  |  |  |  |  |  |  |  |  |
|                                  | Click Next to cor                      |   |  |  |  |  |  |  |  |  |
|                                  |  | Back Next Cancel  |  |  |  |  |  |  |  |  |

Schritt 10: Klicken Sie auf das Optionsfeld, das der Methode entspricht, mit der Sie die Uhrzeit des WAP festlegen möchten.

| Access Point Setu | Access Point Setup Wizard |                      |                                 |  |  |  |  |  |  |  |
|-------------------|---------------------------|----------------------|---------------------------------|--|--|--|--|--|--|--|
| Welcome           | *                         | Configure Dev        | rice - Set System Date And Time |  |  |  |  |  |  |  |
| Configuration     |                           | Enter the time zone, | , date and time.                |  |  |  |  |  |  |  |
| ✓ IP Address      |                           | Time Zone:           | USA (Pacific)                   |  |  |  |  |  |  |  |
| Time Settings     |                           | Set System Time:     | Network Time Protocol (NTP)     |  |  |  |  |  |  |  |
| Badio 1 (2.4 GHz) | Ξ                         |                      | C Manually                      |  |  |  |  |  |  |  |
| Network Name      |                           | NTP Server 1:        | 0.ciscosb.pool.ntp.org          |  |  |  |  |  |  |  |
| Wireless Security |                           | NTP Server 3:        | 2.ciscosb.pool.ntp.org          |  |  |  |  |  |  |  |
| VLAN ID           |                           | NTP Server 4:        | 3.ciscosb.pool.ntp.org          |  |  |  |  |  |  |  |
| Radio 2 (5 GHz)   |                           | CLearn more abou     | t time settings                 |  |  |  |  |  |  |  |
| Network Name      |                           |                      |                                 |  |  |  |  |  |  |  |
| Wireless Security |                           |                      |                                 |  |  |  |  |  |  |  |
|                   | Ŧ                         | Click Next to co     | ontinue                         |  |  |  |  |  |  |  |
|                   |                           |                      | Back Next Cancel                |  |  |  |  |  |  |  |

Folgende Optionen sind verfügbar:

·Network Time Protocol (NTP) - Der WAP erhält die Zeit von einem NTP-Server.

·Manuell — Die Uhrzeit wird manuell in den WAP eingegeben. Wenn **Manuell** ausgewählt ist, fahren Sie mit Schritt 12 fort.

Schritt 11: Geben Sie den Domänennamen des NTP-Servers ein, der das Datum und die Uhrzeit in das Feld für den *NTP-Server* 1 angibt. Sie können bis zu vier verschiedene NTP-

Server hinzufügen, indem Sie diese in die entsprechenden Felder eingeben. Fahren Sie anschließend mit Schritt 14 fort.

| Access Point Set  | up | Wizard                         |                          |         |      |        |
|-------------------|----|--------------------------------|--------------------------|---------|------|--------|
| Welcome           | *  | Configure Dev                  | ice - Set System Date Aı | nd Time |      |        |
| Configuration     |    | Enter the time zone,           | date and time.           |         |      |        |
| ✓ IP Address      |    | Time Zone:                     | USA (Pacific)            |         | •    |        |
| Time Settings     |    | Sat System Time:               |                          |         |      |        |
| Device Password   | Ш  | Set System nine.               | Manually                 | Ρ)      |      |        |
| Radio 1 (2.4 GHz) |    |                                |                          |         |      |        |
| Network Name      |    | NTP Server 1:<br>NTP Server 2: | 0.ciscosb.pool.ntp.org   |         |      |        |
| Wireless Security |    | NTP Server 3:                  | 2.ciscosb.pool.ntp.org   |         |      |        |
| VLAN ID           |    | NTP Server 4:                  | 3.ciscosb.pool.ntp.org   |         |      |        |
| Radio 2 (5 GHz)   |    | Learn more abour               | t time settings          |         |      |        |
| Network Name      |    |                                |                          |         |      |        |
| Wireless Security |    |                                |                          |         |      |        |
|                   | *  | Click Next to co               | ntinue                   |         |      |        |
|                   |    |                                |                          | Back    | Next | Cancel |
|                   |    |                                |                          |         |      |        |

Schritt 12: Wählen Sie das Datum in den Dropdown-Listen *Systemdatum* aus, um Monat, Tag und Jahr auszuwählen.

| Access Point Set              | tup | Wizard   |
|-------------------------------|-----|--|
| Welcome<br>Configuration      | •   | Configure Device - Set System Date And Time<br>Enter the time zone, date and time.               |
| ✓ IP Address                  |     | Time Zone: USA (Pacific)   |
| Time Settings Device Password |     | Set System Time: O Network Time Protocol (NTP)   |
| Radio 1 (2.4 GHz)             | =   | <ul> <li>Including</li> </ul>  |
| Network Name                  |     | System Date:     January     V     8     V     2015       System Time:     15     •     •     39 |
| VLAN ID                       |     | <u>Learn more about time settings</u>  |
| Radio 2 (5 GHz)               |     |  |
| Network Name                  |     |  |
| Wireless Security             | Ŧ   | Click Next to continue   |
|                               |     | Back Next Cancel   |

Schritt 13: Wählen Sie die Stunde bzw. die Minuten aus den Dropdown-Listen *Systemzeit* aus.

| Access Point Setup Wizard         |   |   |  |  |
|-----------------------------------|---|---|--|--|
| Welcome<br>Configuration          | • | Configure Device - Set System Date And Time<br>Enter the time zone, date and time.    |  |  |
| ✓ IP Address                      |   | Time Zone: USA (Pacific)  |  |  |
| Time Settings Device Password     |   | Set System Time: O Network Time Protocol (NTP)  |  |  |
| Radio 1 (2.4 GHz)                 | - |   |  |  |
| Network Name<br>Wireless Security |   | System Date:     January     Image: 8     2015       System Time:     15     :     39 |  |  |
| VLAN ID                           |   | <u>Learn more about time settings</u>   |  |  |
| Radio 2 (5 GHz)                   |   |   |  |  |
| Network Name                      |   |   |  |  |
| Wireless Security                 |   |   |  |  |
|                                   | Ŧ | Click Next to continue  |  |  |
|                                   |   | Back Next Cancel  |  |  |

Schritt 14: Klicken Sie auf **Weiter**. Das Fenster *Gerät konfigurieren - Kennwort festlegen* wird angezeigt.

| Access Point Setup Wizard         |   |   |  |
|-----------------------------------|---|---|--|
| Welcome                           | * | Configure Device - Set Password   |  |
| Configuration                     |   | 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 |  |
| IP Address                        |   | password down for future reference.   |  |
| <ul> <li>Time Settings</li> </ul> |   | Enter a new device password:  |  |
| Device Password                   | = | New password needs at least 8 characters composed of lower and upper case letters as well as<br>numbers/symbols by default.   |  |
| Radio 1 (2.4 GHz)                 |   |   |  |
| Network Name                      |   | New Password:   |  |
| Wireless Security                 |   | Confirm Password:   |  |
| VLAN ID                           |   | Password Strength Meter: Below Minimum  |  |
| Radio 2 (5 GHz)                   |   | Password Complexity: Enable   |  |
| Network Name                      |   | Learn more about passwords  |  |
| Wireless Security                 | - |   |  |
|                                   |   |   |  |
|                                   |   | Back Next Cancel  |  |

Schritt 15: Geben Sie im Feld "*New Password*" (*Neues Kennwort*) ein neues Kennwort für den Administratorzugriff auf den WAP ein. Dieses Kennwort wird nicht für die Verbindung mit dem Wireless-Netzwerk verwendet. Sie wird benötigt, um Administratorzugriff auf den WAP selbst zu erhalten.

| Access Point Setup Wizard |   |   |  |
|---------------------------|---|---|--|
| Welcome                   | * | Configure Device - Set Password   |  |
| Configuration             |   | 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 |  |
| ✓ IP Address              |   | password down for future reference.   |  |
| ✓ Time Settings           |   | Enter a new device password:  |  |
| Device Password           | _ | New password needs at least 8 characters composed of lower and upper case letters as well as<br>numbers/symbols by default.   |  |
| Radio 1 (2.4 GHz)         | - |   |  |
| Network Name              |   | New Password:   |  |
| Wireless Security         |   | Confirm Password:   |  |
| VLAN ID                   |   | Password Strength Meter: Weak   |  |
| Radio 2 (5 GHz)           |   | Password Complexity: Enable   |  |
| Network Name              |   | Learn more about passwords  |  |
| Wireless Security         |   |   |  |
|                           | Ŧ | Click Next to continue  |  |
|                           |   | Back Next Cancel  |  |

Schritt 16: Bestätigen Sie Ihr Kennwort im Feld *Kennwort bestätigen*, indem Sie dasselbe Kennwort eingeben.

| Access Point Setup Wizard |   |   |  |
|---------------------------|---|---|--|
| Welcome                   | • | Configure Device - Set Password   |  |
| Configuration             |   | 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 |  |
| IP Address                |   | password down for future reference.   |  |
| ✓ Time Settings           |   | Enter a new device password:  |  |
| Device Password           | Ξ | New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.  |  |
| Radio 1 (2.4 GHz)         |   |   |  |
| Network Name              |   | New Password:   |  |
| Wireless Security         |   | Confirm Password:   |  |
| VLAN ID                   |   | Password Strength Meter: Weak   |  |
| Radio 2 (5 GHz)           |   | Password Complexity: Enable   |  |
| Network Name              |   | Learn more about passwords  |  |
| Wireless Security         |   |   |  |
|                           | Ŧ | Click Next to continue  |  |
|                           |   | Back Next Cancel  |  |

Das Feld *Kennwortstärkemesser* zeigt vertikale Balken an, die sich bei Eingabe des Kennworts ändern.

| Configuration   IP Address   Time Settings   Device Password   Radio 1 (2.4 GHz)   Network Name   Wireless Security   VLAN ID   Radio 2 (5 GHz)   Network Name   Wireless Security   VLAN ID   Radio 2 (5 GHz)   Network Name   Wireless Security   Configuration   Click Next to continue  | Welcome                           |    | Oraclaura Davies Ord Decouved   |
|---|-----------------------------------|----|---|
| Configuration       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.         IP Address       Enter a new device password:         Network Name       New Password:         Wireless Security       New Password:         Network Name       Password Strength Meter:         Wireless Security       Password Complexity:         Network Name       Password Complexity:         Network Name       Confirm Password:         Wireless Security       Confirm Password:         VLAN ID       Password Complexity:         Network Name       Confirm Password:         Wireless Security       Confirm theter:         Wireless Security       Citck Next to continue | welcome                           |    | Configure Device - Set Password   |
| IP Address password down for future reference.   Time Settings Enter a new device password:   Device Password New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.   Radio 1 (2.4 GHz) New Password:   Network Name Confirm Password:   Wireless Security Password Strength Meter:   VLAN ID Password Complexity:   Network Name QLearn more about passwords   Wireless Security Click Next to continue   | Configuration                     |    | 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 |
| Time Settings Enter a new device password:   Device Password New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.   Radio 1 (2.4 GHz) New Password:   Network Name Confirm Password:   Wireless Security Confirm Password:   VLAN ID Password Strength Meter:   Network Name Qiearn more about passwords   Wireless Security Click Next to continue   | IP Address                        |    | password down for future reference.   |
| Device Password   Radio 1 (2.4 GHz)   Network Name   Wireless Security   VLAN ID   Radio 2 (5 GHz)   Network Name   Wireless Security   Wireless Security   Wireless Security   Wireless Security   Confirm Password Meter:   Wireless Security   Wireless Security   Wireless Security   Confirm Password Complexity:   Enable   Confirm Passwords   Cilck Next to continue  | <ul> <li>Time Settings</li> </ul> |    | Enter a new device password:  |
| Radio 1 (2.4 GHz)   Network Name   Wireless Security   VLAN ID   Radio 2 (5 GHz)   Network Name   Wireless Security   Vireless Security   Confirm Password Complexity:   Enable   Or Destination of the security   Cilck Next to continue   | Device Password                   | Ξ  | New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.  |
| Network Name New Password:   Wireless Security Confirm Password:   VLAN ID Password Strength Meter:   Radio 2 (5 GHz) Password Complexity:   Network Name ?Learn more about passwords   Wireless Security Click Next to continue  | Radio 1 (2.4 GHz)                 |    |   |
| Wireless Security Confirm Password:   VLAN ID Password Strength Meter:   Radio 2 (5 GHz) Password Complexity:   Network Name ?Learn more about passwords   Wireless Security Click Next to continue   | Network Name                      |    | New Password:   |
| VLAN ID     Password Strength Meter: Weak       Radio 2 (5 GHz)     Password Complexity: Enable       Network Name     ?Learn more about passwords       Wireless Security     Click Next to continue   | Wireless Security                 |    | Confirm Password:   |
| Radio 2 (5 GHz)       Password Complexity: Enable         Network Name       Image: Click Next to continue         Wireless Security       Click Next to continue   | VLAN ID                           |    | Password Strength Meter: Weak   |
| Network Name       Image: Learn more about passwords         Wireless Security       Image: Click Next to continue  | Radio 2 (5 GHz)                   |    | Password Complexity: Enable   |
| Wireless Security Click Next to continue  | Network Name                      |    | Learn more about passwords  |
| Click Next to continue  | Wireless Security                 |    |   |
|   |                                   | Ψ. | Click Next to continue  |

Die Farben des Kennwortstärkereglers sind wie folgt definiert:

·Rot: Die Mindestanforderung an die Kennwortkomplexität wird nicht erfüllt.

·Orange - Die Mindestanforderung an die Passwortkomplexität ist erfüllt, aber die Kennwortstärke ist schwach.

·Grün - Die minimale Passwortkomplexität ist gegeben, und die Kennwortstärke ist hoch.

Schritt 17: (Optional) Um die Kennwortkomplexität zu aktivieren, aktivieren Sie das Kontrollkästchen **Aktivieren** im Feld *Kennwortkomplexität*. Das Kennwort muss mindestens 8 Zeichen lang sein und aus Groß- und Kleinbuchstaben sowie Zahlen und Symbolen bestehen. Das Kontrollkästchen **Aktivieren** im Feld *Kennwortkomplexität* ist standardmäßig aktiviert.

| Access Point Se                   | tup | Wizard  |
|-----------------------------------|-----|---|
| Welcome                           |     | Configure Device - Set Password   |
| Configuration                     |     | 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 |
| IP Address                        |     | password down for future reference.   |
| <ul> <li>Time Settings</li> </ul> |     | Enter a new device password:  |
| Device Password                   | =   | New password needs at least 8 characters composed of lower and upper case letters as well as numbers/symbols by default.  |
| Radio 1 (2.4 GHz)                 |     |   |
| Network Name                      |     | New Password:   |
| Wireless Security                 |     | Confirm Password:   |
| VLAN ID                           |     | Password Strength Meter: Weak   |
| Radio 2 (5 GHz)                   |     | Password Complexity: V Enable   |
| Network Name                      |     | Learn more about passwords  |
| Wireless Security                 |     |   |
|                                   | Ŧ   | Click Next to continue  |
|                                   |     | Back Next Cancel  |

Schritt 18: Klicken Sie auf Weiter, um fortzufahren.

| Access Point Setup Wizard |   |  |  |  |
|---------------------------|---|--|--|--|
| Welcome                   | nfigure Device - Set Password   |  |  |  |
| Configuration             | administrative password protects your access point from unauthorized accords ons, you should change the access point password from its default settings | ess. For security<br>. Please write this |  |  |
| ✓ IP Address              | word down for future reference.   |  |  |  |
| ✓ Time Settings           | r a new device password:  |  |  |  |
| Device Password           | password needs at least 8 characters composed of lower and upper case<br>pers/symbols by default.   | letters as well as                       |  |  |
| Radio 1 (2.4 GHz)         |   |  |  |  |
| Network Name              | Password:   |  |  |  |
| Wireless Security         | irm Password:   |  |  |  |
| VLAN ID                   | word Strength Meter: Weak   |  |  |  |
| Radio 2 (5 GHz)           | word Complexity: V Enable   |  |  |  |
| Network Name              | earn more about passwords   |  |  |  |
| Wireless Security         | k Noxt to continue  |  |  |  |
|                           |   |  |  |  |
|                           | Back  | Cancel                                   |  |  |

## Konfigurieren von Funkmodul 1 (2,4 GHz)

Das Fenster *Configure Radio 1 - Name Your Wireless Network* (Funkmodul 1 konfigurieren - Drahtlosnetzwerk benennen) wird angezeigt.

| Access Point Set                  | up | Wizard   |                            |   |
|-----------------------------------|----|--|----------------------------|---|
| Welcome                           | *  | Configure Radio 1                                | - Name Your Wirele         | ess Network                                   |
| Configuration                     |    | The name of your wireles<br>devices can find it. | ss network, known as an SS | SID, identifies your network so that wireless |
| ✓ IP Address                      |    | Enter a name for your wi                         | reless network:            |   |
| <ul> <li>Time Settings</li> </ul> |    |  |                            |   |
| ✓ Device Password                 |    | Network Name (SSID):                             | ciscosb                    |   |
| Radio 1 (2.4 GHz)                 | Ш  |  | For example: MyNetwork     |   |
| Network Name                      |    | •  |                            |   |
| Wireless Security                 |    | Learn more about network                         | work names                 |   |
| VLAN ID                           |    |  |                            |   |
| Radio 2 (5 GHz)                   |    |  |                            |   |
| Network Name                      |    |  |                            |   |
| Wireless Security                 |    |  |                            |   |
|                                   | Ψ. | Click Next to contin                             | ue                         |   |
|                                   |    |  |                            | Back Next Cancel                              |

**Hinweis:** Der WAP 131 ist mit zwei Funkkanälen, 2,4 und 5 GHz, ausgestattet. Die Wireless-Netzwerkeinstellungen müssen für jeden Funkkanal einzeln konfiguriert werden. Das Verfahren zum Einrichten des Wireless-Netzwerks ist für jeden Kanal identisch.

Schritt 1: Geben Sie den Service Set Identifier (SSID) des Wireless-Netzwerks im Feld *Netzwerkname (SSID) ein.* Der SSID ist der Name des Wireless Local Area Network.

| Access Point Se                   | etup Wizard  |
|-----------------------------------|--|
| Welcome                           | Configure Radio 1 - Name Your Wireless Network   |
| Configuration                     | The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it. |
| IP Address                        | Enter a name for your wireless network:  |
| <ul> <li>Time Settings</li> </ul> |  |
| Device Password                   | Network Name (SSID): ciscosb   |
| Radio 1 (2.4 GHz)                 | = For example: mynetwork   |
| Network Name                      |  |
| Wireless Security                 | Learn more about network names   |
| VLAN ID                           |  |
| Radio 2 (5 GHz)                   |  |
| Network Name                      |  |
| Wireless Security                 |  |
|                                   | Click Next to continue   |
|                                   | Back Next Cancel   |

Schritt 2: Klicken Sie auf **Weiter**. Das Fenster *Configure Radio 1 - Secure Your Wireless Network* (Funkübertragung konfigurieren - Drahtloses Netzwerk sichern) wird angezeigt.

| Access Point Set                  | up | Wizard  |
|-----------------------------------|----|---|
| Welcome                           | *  | Configure Radio 1 - Secure Your Wireless Network  |
| Configuration                     |    | Select your network security strength.  |
| ✓ IP Address                      |    | Best Security (WPA2 Personal - AES)<br>Recommended for new wireless computers and devices that support this option.                 |
| <ul> <li>Time Settings</li> </ul> |    | Older wireless devices might not support this option.   |
| ✓ Device Password                 | =  | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support WPA2. |
| Radio 1 (2.4 GHz)                 |    | No Security (Not recommended)   |
| <ul> <li>Network Name</li> </ul>  |    |   |
| Wireless Security                 |    | Enter a security key with 8-63 characters.  |
| VLAN ID                           |    | Below Minimum   |
| Radio 2 (5 GHz)                   |    | Show Key as Clear Text  |
| Network Name                      |    | Learn more about your network security options  |
| Wireless Security                 |    |   |
|                                   | Ŧ  | Click Next to continue  |
|                                   |    | Back Next Cancel  |

Schritt 3: Klicken Sie auf das Optionsfeld für die Netzwerksicherheit, die Sie auf Ihr Wireless-Netzwerk anwenden möchten.

| Access Point Set  | up  | Wizard  |
|---|-----|---|
| Welcome<br>Configuration  | •   | Configure Radio 1 - Secure Your Wireless Network<br>Select your network security strength.  |
| <ul> <li>IP Address</li> <li>Time Settings</li> <li>Device Password</li> <li>Radio 1 (2.4 GHz)</li> <li>Network Name</li> </ul> | III | <ul> <li>Best Security (WPA2 Personal - AES)<br/>Recommended for new wireless computers and devices that support this option.<br/>Older wireless devices might not support this option.</li> <li>Better Security (WPA/WPA2 Personal - TKIP/AES)<br/>Recommended for older wireless computers and devices that might not support WPA2.</li> <li>No Security (Not recommended)</li> </ul> |
| Wireless Security<br>VLAN ID<br>Radio 2 (5 GHz)<br>Network Name<br>Wireless Security  | -   | Enter a security key with 8-63 characters.   Enter a security key with 8-63 characters.  Below Minimum  Show Key as Clear Text  Learn more about your network security options  Click Next to continue  |
| L   |     | Back Next Cancel  |

Die Optionen sind wie folgt definiert:

·Optimale Sicherheit (WPA2 Personal - AES) - Bietet die beste Sicherheit und wird empfohlen, wenn Ihre Wireless-Geräte diese Option unterstützen. WPA2 Personal verwendet Advanced Encryption Standard (AES) und einen Pre-Shared Key (PSK) zwischen den Clients und dem Access Point. Für jede Sitzung wird ein neuer Verschlüsselungsschlüssel verwendet, der die Kompromittierung erschwert.

·Verbesserte Sicherheit (WPA Personal - TKIP/AES) - Bietet Sicherheit, wenn es ältere

Wireless-Geräte gibt, die WPA2 nicht unterstützen. WPA Personal verwendet Advanced Encryption Standard (AES) und Temporal Key Integrity Protocol (TKIP). Er verwendet den IEEE 802.11i Wi-Fi-Standard.

•Keine Sicherheit (Nicht empfohlen) - Das Wireless-Netzwerk benötigt kein Kennwort und kann von jedem Benutzer aufgerufen werden. Wenn diese Option ausgewählt ist, wird ein Popup-Fenster mit der Frage angezeigt, ob Sie die Sicherheit deaktivieren möchten. Klicken Sie auf Ja, um fortzufahren. Wenn diese Option aktiviert ist, fahren Sie mit Schritt 6 fort.

Schritt 4: Geben Sie das Kennwort für Ihr Netzwerk in das Feld *Sicherheitsschlüssel ein*. Die farbige Leiste rechts neben diesem Feld zeigt die Komplexität des eingegebenen Kennworts.

| Access Point Set                 | up Wizard   |
|----------------------------------|---|
| Welcome                          | Configure Radio 1 - Secure Your Wireless Network  |
| Configuration                    | Select your network security strength.  |
| ✓ IP Address                     | Best Security (WPA2 Personal - AES)     Becommended for new wireless computers and devices that support this option                 |
| ✓ Time Settings                  | Older wireless devices might not support this option.   |
| Device Password                  | Better Security (WPA/WPA2 Personal - TKIP/AES)     Recommended for older wireless computers and devices that might not support WPA2 |
| Radio 1 (2.4 GHz)                |   |
| <ul> <li>Network Name</li> </ul> |   |
| Wireless Security                | Enter a security key with 8-63 characters.  |
| VLAN ID                          | Weak  |
| Radio 2 (5 GHz)                  | Show Key as Clear Text  |
| Network Name                     | Learn more about your network security options  |
| Wireless Security                |   |
|                                  | Click Next to continue  |
|                                  | Back Next Cancel  |

Schritt 5: (Optional) Um das Kennwort während der Eingabe anzuzeigen, aktivieren Sie das Kontrollkästchen **Schlüssel als** Text **löschen**.

| Access Point Set                  | /izard  |        |
|-----------------------------------|---|--------|
| Welcome                           | Configure Radio 1 - Secure Your Wireless Network  |        |
| Configuration                     | elect your network security strength.   |        |
| ✓ IP Address                      | Best Security (WPA2 Personal - AES)<br>Recommended for new wireless computers and devices that support this option.             |        |
| <ul> <li>Time Settings</li> </ul> | Older wireless devices might not support this option.   |        |
| ✓ Device Password                 | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support \ | WPA2.  |
| Radio 1 (2.4 GHz)                 | No Security (Not recommended)   |        |
| <ul> <li>Network Name</li> </ul>  |   |        |
| Wireless Security                 | nter a security key with 8-63 characters.   |        |
| VLAN ID                           | estkey123 Weak  |        |
| Radio 2 (5 GHz)                   | Show Key as Clear Text  |        |
| Network Name                      | Learn more about your network security options  |        |
| Wireless Security                 |   |        |
|                                   | lick <b>Next</b> to continue  |        |
|                                   | Back Next   | Cancel |

Schritt 6: Klicken Sie auf **Weiter**. Das Fenster *Configure Radio 1 - Assign the VLAN ID For Your Wireless Network* (Funkübertragung 1 konfigurieren - Zuweisen der VLAN-ID für Ihr Wireless-Netzwerk) wird angezeigt.

| Access Point Set    | up | Wizard   |
|---------------------|----|--|
| Welcome             | *  | Configure Radio 1 - Assign The VLAN ID For Your Wireless Network   |
| Configuration       |    | By default, the VLAN ID assigned to the management interface for your access point is 1, which is<br>also the default untagged VLAN ID. If the management VLAN ID is the same as the VLAN ID.        |
| ✓ IP Address        |    | assigned to your wireless network, then the wireless clients associated with this specific wireless<br>network can administer this device. If needed, an access control list (ACL) can be created to |
| ✓ Time Settings     |    | disable administration from wireless clients.  |
| Device Password     | =  | Enter a VLAN ID for your wireless network:   |
| Radio 1 (2.4 GHz)   | -  | VLAN ID: (Range: 1 - 4094)   |
| Network Name        |    |  |
| ✓ Wireless Security |    | 2 Learn more about vlan ids  |
| VLAN ID             |    |  |
| Radio 2 (5 GHz)     |    |  |
| Network Name        |    |  |
| Wireless Security   |    |  |
|                     | *  | Click Next to continue   |
|                     |    | Back Next Cancel   |

Schritt 7: Geben Sie die VLAN-ID für das Netzwerk im Feld *VLAN-ID ein*. Wenn das Management-VLAN mit dem dem Wireless-Netzwerk zugewiesenen VLAN identisch ist, können Wireless-Clients im Netzwerk das Gerät verwalten. Sie können auch Zugriffskontrolllisten (ACLs) verwenden, um die Administration von Wireless-Clients zu deaktivieren.

| Access Point Se                  | tup | o Wizard  |  |   |
|----------------------------------|-----|---|--|---|
| Welcome                          |     | Configure Radio 1 - As  | sign The VLAN                                    | ID For Your Wireless Network  |
| Configuration                    |     | By default, the VLAN ID assigne<br>also the default untagged VLAN | d to the management<br>ID. If the management     | t interface for your access point is 1, which is<br>nt VLAN ID is the same as the VLAN ID   |
| ✓ IP Address                     |     | assigned to your wireless network                                 | ork, then the wireless<br>ice. If needed, an acc | clients associated with this specific wireless<br>cess control list (ACL) can be created to |
| ✓ Time Settings                  |     | disable administration from wire                                  | less clients.                                    |   |
| ✓ Device Password                | -   | Enter a VLAN ID for your wireles                                  | s network:                                       |   |
| Radio 1 (2.4 GHz)                | -   | VLAN ID: 1  |  | (Range: 1 - 4094)   |
| <ul> <li>Network Name</li> </ul> |     | <u> </u>  |  |   |
| ✓ Wireless Security              |     | Learn more about vlan ids   |  |   |
| VLAN ID                          |     |   |  |   |
| Radio 2 (5 GHz)                  |     |   |  |   |
| Network Name                     |     |   |  |   |
| Wireless Security                |     |   |  |   |
|                                  | Ŧ   | Click Next to continue  |  |   |
|                                  |     |   |  | Back Next Cancel  |

Schritt 8: Klicken Sie auf **Weiter**. Das Fenster *Configure Radio 2 - Name Your Wireless Network* (Funkübertragung konfigurieren - Drahtlosnetzwerk benennen) wird angezeigt.

| Access Point Setu                   | qı | Wizard   |  |
|-------------------------------------|----|--|--|
| ✓ Time Settings                     | *  | Configure Radio 2 - Name Your Wireless Network   |  |
| <ul> <li>Device Password</li> </ul> |    | The name of your wireless network, known as an SSID, identifies your network so that wireless devices can find it. |  |
| Radio 1 (2.4 GHz)                   |    | Enter a name for your wireless network:  |  |
| <ul> <li>Network Name</li> </ul>    |    |  |  |
| ✓ Wireless Security                 |    | Network Name (SSID): ciscosb   |  |
| VLAN ID                             |    | For example: MyNetwork   |  |
| Radio 2 (5 GHz)                     |    |  |  |
| Network Name                        | Ξ  | Learn more about network names   |  |
| Wireless Security                   |    |  |  |
| VLAN ID                             |    |  |  |
| Summary                             |    |  |  |
| Finish                              |    |  |  |
|                                     | Ŧ  | Click Next to continue   |  |
|                                     |    | Back Next Cancel   |  |

**Hinweis:** Das Verfahren zum Konfigurieren der Wireless-Netzwerkeinstellungen für Radio 2 ist identisch mit dem Prozess zum Einrichten von Radio 1.

Schritt 9: Geben Sie den Service Set Identifier (SSID) des Wireless-Netzwerks im Feld *Netzwerkname (SSID)* ein. Der SSID ist der Name des Wireless Local Area Network.

| Access Point Set                 | up Wizard   |
|----------------------------------|---|
| ✓ Time Settings                  | Configure Radio 2 - Name Your Wireless Network  |
| Device Password                  | The name of your wireless network, known as an SSID, identifies your network so that wireless<br>devices can find it. |
| Radio 1 (2.4 GHz)                | Enter a name for your wireless network:   |
| <ul> <li>Network Name</li> </ul> |   |
| ✓ Wireless Security              | Network Name (SSID): ciscosb  |
| VLAN ID                          | For example: MyNetwork  |
| Radio 2 (5 GHz)                  |   |
| Network Name                     | E Learn more about network names  |
| Wireless Security                |   |
| VLAN ID                          |   |
| Summary                          |   |
| Finish                           |   |
|                                  | Click Next to continue  |
|                                  | Back Next Cancel  |

Schritt 10: Klicken Sie auf Weiter.

| Access Point Setu                | ıp | Wizard  |                           |   |
|----------------------------------|----|---|---------------------------|---|
| ✓ Time Settings                  | *  | Configure Radio 2                             | - Name Your Wirele        | ss Network                                    |
| Device Password                  |    | The name of your wireles devices can find it. | s network, known as an SS | SID, identifies your network so that wireless |
| Radio 1 (2.4 GHz)                |    | Enter a name for your wir                     | reless network:           |   |
| <ul> <li>Network Name</li> </ul> | 'n | -   |                           |   |
| ✓ Wireless Security              |    | Network Name (SSID):                          | ciscosb                   |   |
| VLAN ID                          |    |   | For example: MyNetwork    |   |
| Radio 2 (5 GHz)                  |    | •   |                           |   |
| Network Name                     | Ш  | Clearn more about net                         | work names                |   |
| Wireless Security                |    |   |                           |   |
| VLAN ID                          |    |   |                           |   |
| Summary                          |    |   |                           |   |
| Finish                           |    |   |                           |   |
|                                  | Ŧ  | Click Next to contin                          | ue                        |   |
|                                  |    |   |                           | Back Next Cancel                              |

## Konfigurieren des Funkmoduls 2 - (5 GHz)

Das Fenster *Configure Radio 2 - Secure Your Wireless Network* (Funkübertragung konfigurieren - Drahtloses Netzwerk sichern) wird angezeigt.

| Access Point Setu                | ıp | Wizard  |
|----------------------------------|----|---|
| ✓ Time Settings                  | *  | Configure Radio 2 - Secure Your Wireless Network  |
| ✓ Device Password                |    | Select your network security strength.  |
| Radio 1 (2.4 GHz)                |    | Best Security (WPA2 Personal - AES)<br>Recommended for new wireless computers and devices that support this option.                 |
| <ul> <li>Network Name</li> </ul> |    | Older wireless devices might not support this option.   |
| ✓ Wireless Security              |    | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support WPA2. |
| VLAN ID                          |    | No Security (Not recommended)   |
| Radio 2 (5 GHz)                  |    |   |
| ✓ Network Name                   | Ш  | Enter a security key with 8-63 characters.  |
| Wireless Security                |    | Below Minimum   |
| VLAN ID                          |    | Show Key as Clear Text  |
| Summary                          |    | 2 Learn more about your network security options  |
| Finish                           |    |   |
|                                  | Ŧ  | Click Next to continue  |
|                                  |    | Back Next Cancel  |

Schritt 1: Klicken Sie auf das Optionsfeld für die Netzwerksicherheit, die Sie auf Ihr Wireless-Netzwerk anwenden möchten.

| Access Point Setu                | o Wizard  |
|----------------------------------|---|
| ✓ Time Settings                  | Configure Radio 2 - Secure Your Wireless Network  |
| Device Password                  | Select your network security strength.  |
| Radio 1 (2.4 GHz)                | Best Security (WPA2 Personal - AES)<br>Recommended for new wireless computers and devices that support this option.                 |
| <ul> <li>Network Name</li> </ul> | Older wireless devices might not support this option.   |
| ✓ Wireless Security              | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support WPA2. |
| VLAN ID                          | No Security (Not recommended)   |
| Radio 2 (5 GHz)                  | a no occurity (not recommended)   |
| ✓ Network Name                   | Enter a security key with 8-63 characters.  |
| Wireless Security                | Below Minimum   |
| VLAN ID                          | Show Key as Clear Text  |
| Summary                          | Learn more about your network security options  |
| Finish                           |   |
|                                  | Click <b>Next</b> to continue   |
|                                  | Back Next Cancel  |

Die Optionen sind wie folgt definiert:

·Optimale Sicherheit (WPA2 Personal - AES) - Bietet die beste Sicherheit und wird empfohlen, wenn Ihre Wireless-Geräte diese Option unterstützen. WPA2 Personal verwendet Advanced Encryption Standard (AES) und einen Pre-Shared Key (PSK) zwischen den Clients und dem Access Point. Für jede Sitzung wird ein neuer Verschlüsselungsschlüssel verwendet, der die Kompromittierung erschwert.

·Verbesserte Sicherheit (WPA Personal - TKIP/AES) - Bietet Sicherheit, wenn es ältere

Wireless-Geräte gibt, die WPA2 nicht unterstützen. WPA Personal verwendet Advanced Encryption Standard (AES) und Temporal Key Integrity Protocol (TKIP). Er verwendet den IEEE 802.11i Wi-Fi-Standard.

•Keine Sicherheit (Nicht empfohlen) - Das Wireless-Netzwerk benötigt kein Kennwort und kann von jedem Benutzer aufgerufen werden. Wenn diese Option ausgewählt ist, wird ein Popup-Fenster mit der Frage angezeigt, ob Sie die Sicherheit deaktivieren möchten. klicken Sie auf **Ja**, um fortzufahren. Wenn diese Option aktiviert ist, fahren Sie mit Schritt 4 fort.

Schritt 2: Geben Sie das Kennwort für Ihr Netzwerk in das Feld *Sicherheitsschlüssel ein*. Die farbige Leiste rechts neben diesem Feld zeigt die Komplexität des eingegebenen Kennworts.

| Access Point Set                      | ıp Wizard   |
|---------------------------------------|---|
| ✓ Time Settings                       | Configure Radio 2 - Secure Your Wireless Network     Select your petwork security strength  |
| Device Password     Radio 1 (2.4 GHz) | Best Security (WPA2 Personal - AES)     Best Manual Accommended for new wireless computers and devices that support this option     |
| ✓ Network Name                        | Older wireless devices might not support this option.   |
| ✓ Wireless Security                   | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support WPA2. |
| VLAN ID                               | No Security (Not recommended)   |
| Radio 2 (5 GHz)                       |   |
| ✓ Network Name                        | Enter a security key with 8-63 characters.  |
| Wireless Security                     | Show Key as Clear Text  |
| VLAN ID                               |   |
| Summary                               | Learn more about your network security options  |
| Finish                                |   |
|                                       | Click Next to continue  |
|                                       | Back Next Cancel  |

Schritt 3: (Optional) Um das Kennwort während der Eingabe anzuzeigen, aktivieren Sie das Kontrollkästchen **Schlüssel als** Text **löschen**.

| Access Point Set                    | up | Wizard  |
|-------------------------------------|----|---|
| ✓ Time Settings                     | *  | Configure Radio 2 - Secure Your Wireless Network  |
| <ul> <li>Device Password</li> </ul> |    | Select your network security strength.  |
| Radio 1 (2.4 GHz)                   |    | Best Security (WPA2 Personal - AES)<br>Recommended for new wireless computers and devices that support this option.                 |
| <ul> <li>Network Name</li> </ul>    |    | Older wireless devices might not support this option.   |
| ✓ Wireless Security                 |    | Better Security (WPA/WPA2 Personal - TKIP/AES)<br>Recommended for older wireless computers and devices that might not support WPA2. |
| VLAN ID                             |    | ◎ No Security (Not recommended)   |
| Radio 2 (5 GHz)                     |    |   |
| <ul> <li>Network Name</li> </ul>    | Ξ  | Enter a security key with 8-63 characters.  |
| Wireless Security                   |    | TestKey123 Weak   |
| VLAN ID                             |    | Show Key as Clear Text  |
| Summary                             |    | Learn more about your network security options  |
| Finish                              |    |   |
|                                     | Ŧ  | Click Next to continue  |
|                                     |    | Back Next Cancel  |

Schritt 4: Klicken Sie auf **Weiter**. Das Fenster *Configure Radio 2 - Assign the VLAN ID For Your Wireless Network* (Funkübertragung 2 konfigurieren - Zuweisen der VLAN-ID für Ihr Wireless-Netzwerk) wird angezeigt.

| Access Point Set                      | up | Wizard   |
|---------------------------------------|----|--|
| ✓ Time Settings                       | *  | Configure Radio 2 - Assign The VLAN ID For Your Wireless Network   |
| Device Password                       |    | By default, the VLAN ID assigned to the management interface for your access point is 1, which is<br>also the default untagged VLAN ID. If the management VLAN ID is the same as the VLAN ID         |
| Radio 1 (2.4 GHz)                     |    | assigned to your wireless network, then the wireless clients associated with this specific wireless<br>network can administer this device. If needed, an access control list (ACL) can be created to |
| <ul> <li>Network Name</li> </ul>      |    | disable administration from wireless clients.  |
| ✓ Wireless Security                   |    | Enter a VLAN ID for your wireless network:   |
| VLAN ID                               |    | VLAN ID: 1 (Range: 1 - 4094)   |
| Radio 2 (5 GHz)                       |    |  |
| Network Name                          | Ш  | 2 Learn more about vlan ids  |
| <ul> <li>Wireless Security</li> </ul> |    |  |
| VLAN ID                               |    |  |
| Summary                               |    |  |
| Finish                                |    |  |
|                                       | Ŧ  | Click Next to continue   |
|                                       |    | Back Next Cancel   |

Schritt 5: Geben Sie die VLAN-ID für das Netzwerk im Feld VLAN-ID ein.

| Access Point Setup Wizard             |   |   |   |  |
|---------------------------------------|---|---|---|--|
| ✓ Time Settings                       | * | Configure Radio 2 -   | Assign The VLAN                                     | ID For Your Wireless Network   |
| Device Password                       |   | By default, the VLAN ID ass<br>also the default untagged VI | igned to the management<br>AN ID. If the managemer  | t interface for your access point is 1, which is<br>nt VLAN ID is the same as the VLAN ID  |
| Radio 1 (2.4 GHz)                     |   | assigned to your wireless n<br>network can administer this  | etwork, then the wireless device. If needed, an acc | clients associated with this specific wireless<br>ess control list (ACL) can be created to |
| Network Name                          |   | disable administration from                                 | wireless clients.                                   |  |
| <ul> <li>Wireless Security</li> </ul> |   | Enter a VLAN ID for your wi                                 | reless network:                                     |  |
| VLAN ID                               |   | VLAN ID:  | 1   | (Range: 1 - 4094)  |
| Radio 2 (5 GHz)                       |   |   |   |  |
| <ul> <li>Network Name</li> </ul>      | Ξ | Learn more about vlan id                                    | <u>s</u>  |  |
| ✓ Wireless Security                   |   |   |   |  |
| VLAN ID                               |   |   |   |  |
| Summary                               |   |   |   |  |
| Finish                                |   |   |   |  |
| Click Next to continue                |   |   |   |  |
|                                       |   |   |   | Back Next Cancel   |

Schritt 6: Klicken Sie auf **Weiter**. Das Fenster *Zusammenfassung - Einstellungen bestätigen* wird angezeigt.

| Access Point Setup Wizard  |   |  |  |               |
|--|---|--|--|---------------|
| ✓ Time Settings  | * | Summary - Confirm                                | Your Settings                            |               |
| <ul> <li>Device Password</li> </ul>                                    |   | Please review the following<br>Radio 1 (2.4 GHz) | settings and ensure the data is correct. |               |
| Radio 1 (2.4 GHz)  |   | Network Name (SSI                                | D):ciscosb                               |               |
| ✓ Network Name   |   | Network Security<br>Type:                        | WPA/WPA2 Personal - TKIP/AES             |               |
| ✓ Wireless Security  |   | Security Key:                                    | *****                                    |               |
| VLAN ID  |   | VLAN ID:<br>Radio 2 (5 GHz)                      | 1  |               |
| Radio 2 (5 GHz)  |   | Network Name (SSI                                | D):ciscosb                               |               |
| ✓ Network Name   | Ξ | Network Security<br>Type:                        | WPA/WPA2 Personal - TKIP/AES             |               |
| <ul> <li>Wireless Security</li> </ul>                                  |   | Security Key:                                    | TestKey123                               |               |
| VLAN ID  |   | VLAN ID:   | 1  |               |
| Summary Note: Radio1 and Radio2 will be enabled after clicking Submit. |   |  |  |               |
| Click Submit to enable settings on your Cisco Wireless Access Point    |   |  |  |               |
|  |   |  | Back                                     | Submit Cancel |

Schritt 7: Überprüfen Sie die angezeigten Einstellungen, und stellen Sie sicher, dass die Informationen korrekt sind. Wenn Sie eine Einstellung ändern möchten, klicken Sie auf die Schaltfläche **Zurück**, bis das gewünschte Fenster angezeigt wird.

| Access Point Setup Wizard             |   |   |  |                  |
|---------------------------------------|---|---|--|------------------|
| ✓ Time Settings                       | * | Summary - Confirm                             | Your Settings                            |                  |
| Device Password                       |   | Please review the following Radio 1 (2.4 GHz) | settings and ensure the data is correct. |                  |
| Radio 1 (2.4 GHz)                     |   | Network Name (SSI                             | D):ciscosb                               |                  |
| ✓ Network Name                        |   | Network Security<br>Type:                     | WPA/WPA2 Personal - TKIP/AES             |                  |
| ✓ Wireless Security                   |   | Security Key:                                 | *****                                    |                  |
| ✓ VLAN ID                             |   | VLAN ID:<br>Radio 2 (5 GHz)                   | 1  |                  |
| Radio 2 (5 GHz)                       |   | Network Name (SSI                             | D):ciscosb                               |                  |
| ✓ Network Name                        | Ξ | Network Security<br>Type:                     | WPA/WPA2 Personal - TKIP/AES             |                  |
| <ul> <li>Wireless Security</li> </ul> |   | Security Key:                                 | TestKey123                               |                  |
| VLAN ID                               |   | VLAN ID:                                      | 1  |                  |
| Summary                               |   | Note: Radio1 and Radio2 w                     | vill be enabled after clicking Submit.   |                  |
| 1 111311                              | Ŧ | Click Submit to enab                          | ole settings on your Cisco Wirele        | ess Access Point |
|                                       |   |   | Back                                     | Submit Cancel    |

Schritt 8: (Optional) Wenn Sie den Installationsassistenten beenden und alle vorgenommenen Änderungen rückgängig machen möchten, klicken Sie auf **Abbrechen**.

| Access Point Setup Wizard  |   |   |  |  |
|--|---|---|--|--|
| ✓ Time Settings  | * | Summary - Confirm                             | Your Settings                            |  |
| <ul> <li>Device Password</li> </ul>                                    |   | Please review the following Radio 1 (2.4 GHz) | settings and ensure the data is correct. |  |
| Radio 1 (2.4 GHz)  |   | Network Name (SSI                             | D):ciscosb                               |  |
| ✓ Network Name   |   | Network Security<br>Type:                     | WPA/WPA2 Personal - TKIP/AES             |  |
| ✓ Wireless Security  |   | Security Key:                                 | ******                                   |  |
| VLAN ID  |   | VLAN ID:<br>Radio 2 (5 GHz)                   | 1  |  |
| Radio 2 (5 GHz)  |   | Network Name (SSI                             | D):ciscosb                               |  |
| ✓ Network Name   | = | Network Security<br>Type:                     | WPA/WPA2 Personal - TKIP/AES             |  |
| <ul> <li>Wireless Security</li> </ul>                                  |   | Security Key:                                 | TestKey123                               |  |
| VLAN ID  |   | VLAN ID:                                      | 1  |  |
| Summary Note: Radio1 and Radio2 will be enabled after clicking Submit. |   |   |  |  |
| Click Submit to enable settings on your Cisco Wireless Access Point    |   |   |  |  |
| Back Submit Cancel   |   |   |  |  |

### Zusammenfassung

Schritt 1: Klicken Sie auf **Senden**, um Ihre Einstellungen auf dem WAP zu aktivieren. Während der Anwendung Ihrer Einstellungen wird eine Ladeleiste angezeigt.

| Access Point Setup Wizard   |   |  |  |  |
|---|---|--|--|--|
| ✓ Time Settings   | Enable Security - Update Security Settings        |  |  |  |
| ✓ Device Password   | Cisco Setup Wizard will now enable your security. |  |  |  |
| Radio 1 (2.4 GHz)   |   |  |  |  |
| ✓ Network Name  | Enabling Security                                 |  |  |  |
| ✓ Wireless Security   |   |  |  |  |
| VLAN ID   |   |  |  |  |
| Radio 2 (5 GHz)   | This might take a few moments.                    |  |  |  |
| ✓ Network Name  | =   |  |  |  |
| ✓ Wireless Security   |   |  |  |  |
| VLAN ID   |   |  |  |  |
| Summary   |   |  |  |  |
| Finish  |   |  |  |  |
| Click Submit to enable settings on your Cisco Wireless Access Point |   |  |  |  |
|   | Back Submit Cancel                                |  |  |  |

Schritt 2: Nachdem die Einstellungen übernommen wurden, wird das Fenster *Device Setup Complete (Geräteeinrichtung abgeschlossen*) angezeigt, das anzeigt, dass der WAP 131 nun eingerichtet ist. Um dem Wireless-Netzwerk weitere Computer hinzuzufügen, notieren Sie sich die hier gezeigten Sicherheitsschlüssel, die für die Verbindung erforderlich sind. Klicken Sie auf **Fertig stellen**, um den Installationsassistenten zu beenden.

| Access Point Setup Wizard          |   |  |  |                            |  |
|------------------------------------|---|--|--|----------------------------|--|
| ✓ Time Settings                    | * | Device Setup Comp  | lete                                     |                            |  |
| Device Password                    |   | Congratulations, your ac   | cess point has been set up successfully. | We strongly recommend that |  |
| Radio 1 (2.4 GHz)                  |   | you save these settings by writing them down or by copying and pasting them into a text document.<br>You will need these settings later when you add other wireless computers or devices to your |  |                            |  |
| Network Name                       |   | network.   |  |                            |  |
| ✓ Wireless Security                |   | Radio 1 (2.4 GHz)  |  |                            |  |
| VLAN ID                            |   | Network Name (SSID):   | ciscosb                                  | adada 🛛                    |  |
| Radio 2 (5 GHz)                    |   | Network Security Type:   | WPA/WPA2 Personal - TKIP/AES             | (15())                     |  |
| Network Name                       | Ξ | Security Key:  | TestKey123                               |                            |  |
| ✓ Wireless Security                |   | Radio 2 (5 GHz)<br>Network Name (SSID):  | ciscosb                                  |                            |  |
| VLAN ID                            |   | Network Security Type:   | WPA/WPA2 Personal - TKIP/AES             |                            |  |
| Summary                            |   | Security Key:  | Testkey123                               |                            |  |
| Finish                             |   |  |  |                            |  |
| Click Finish to close this wizard. |   |  |  |                            |  |
|                                    |   |  | Back                                     | Finish Cancel              |  |