

Wireless /

# Cisco 5500 Series Wireless Controllers

Product Type	Wireless LAN Controller
Status	End of Sale EOL Details
Series Release Date	18-MAY-2009
End-of-Sale Date	10-DEC-2021
End-of-Support Date	31-JAN-2027
Diagram	Visio Stencil (29 MB .zip file)

This product is supported by Cisco, but is no longer being sold.

- Supported Model: Cisco 5520 Wireless Controller
- Retired Model: Cisco 5508 Wireless Controller



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[Cisco Wireless Solutions Software Compatibility Matrix](#)

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.196.0](#)

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.5.182.0

Field Notice: FN63942 - Cisco Wireless Lightweight Access Points and WLAN Controllers Fail to Create CAPWAP Connections Due to Certificate Expiration - Software Upgrade Recommended

Compatibility Matrix for Legacy Cisco Wireless Solutions

## Recent Security Notices

27-Jan-2025

Field Notice: FN63942 - Cisco Wireless Lightweight Access Points and WLAN Controllers Fail to Create CAPWAP Connections Due to Certificate Expiration - Software Upgrade Recommended

27-Sep-2024

Field Notice: FN74164 - A Limited Subset of Memory Modules in Cisco 8540 and 5520 Wireless Controllers May Fail Prematurely, Resulting in System Instability or Degraded Function - Hardware Upgrade Available

30-May-2024

Field Notice: FN70577 - Regulatory Compliance Issue with AP2800/AP3800/AP4800/AP1560/IW6300 - Software Upgrade Recommended

07-Dec-2023

Field Notice: FN72524 - During Software Upgrade/Downgrade, Cisco IOS APs Might Remain in Downloading State After December 4, 2022 Due to Certificate Expiration - Software Upgrade Recommended

05-Oct-2023

Field Notice: FN72415 - QuoVadis Root CA 2 Decommission Might Affect AireOS Smart Licensing and Smart Call Home, and Mobility Express Software Downloads from Cisco.com - Software Upgrade Recommended

## Document Categories

Configuration	Reference
Data Sheets and Product Information	Release and Compatibility
Design	Security Notices
Install and Upgrade	Troubleshooting
Literature	See also: Translated End-User Guides
Maintain and Operate	

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## Data Sheets and Product Information

## Data Sheets

Cisco 5520 Wireless Controller Data Sheet

Cisco 5500 Series Wireless Controllers Data Sheet

## End-of-Life and End-of-Sale Notices

### English

End-of-Sale and End-of-Life Announcement for the Cisco 5520 Wireless controller

End-of-Sale and End-of-Life Announcement for the Cisco 5508 Wireless Controller

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.10

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.8 Product Bulletin

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.5 Product Bulletin

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.4

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.2 Product Bulletin

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.1

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.0

End-of-Sale and End-of-Life Announcement for the MobileAccessVE

## Security Notices

### Bulletins

Cisco announces the end-of-life for the Cisco Wireless Software Version 8.5 Product Bulletin

Cisco announces the end-of-life for the Cisco Wireless LAN Controller Software Versions 8.9 Product Bulletin

Cisco Wireless Release 8.4 Product Bulletin

Cisco Wireless Release 8.5 Product Bulletin

Cisco Unified Wireless Network Software Release 7.4

Trade Up To 802.11n Performance Promotional Bulletin (PDF - 184 KB)

### Field Notices

#### Cisco 5520 Wireless Controller

Field Notice: FN63942 - Cisco Wireless Lightweight Access Points and WLAN Controllers Fail to Create CAPWAP Connections Due to Certificate Expiration - Software Upgrade Recommended

Field Notice: FN74164 - A Limited Subset of Memory Modules in Cisco 8540 and 5520 Wireless Controllers May Fail Prematurely, Resulting in System Instability or Degraded Function - Hardware Upgrade Available

Field Notice: FN70577 - Regulatory Compliance Issue with AP2800/AP3800/AP4800/AP1560/IW6300 - Software Upgrade Recommended

Field Notice: FN72524 - During Software Upgrade/Downgrade, Cisco IOS APs Might Remain in Downloading State After December 4, 2022 Due to Certificate Expiration - Software Upgrade Recommended

Field Notice: FN72415 - QuoVadis Root CA 2 Decommission Might Affect AireOS Smart Licensing and Smart Call Home, and Mobility Express Software Downloads from Cisco.com - Software Upgrade Recommended

Field Notice: FN70208 - Aironet 1560, 2800, and 3800 Series Access Points Fail to Pass Traffic - Software Upgrade Recommended

Field Notice: FN70252 - Inaccurate 'CDP-4-DUPLEX\_MISMATCH' Messages Are Logged on AP Switchports - Software Upgrade Recommended

Field Notice: FN70253 - Wireless Client Fails to Associate: AID Error - Software Upgrade Recommended

Field Notice: FN70330 - Cisco IOS Access Point Stranded Due to Flash Corruption Issue - Workaround Provided

## Security Advisories, Responses and Notices

[Cisco Wireless LAN Controller Management Interface Denial of Service Vulnerability](#)

[Cisco Wireless LAN Controllers Denial of Service Vulnerability](#)

## Release and Compatibility

### Compatibility Information

[Cisco Wireless Solutions Software Compatibility Matrix](#) **UPDATED**

[Compatibility Matrix for Legacy Cisco Wireless Solutions](#)

[Cisco New Mobility Support Matrix for AireOS Controllers](#)

### Release Notes

#### Most Recent

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.196.0](#) 15-May-2024

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.190.0](#) 29-Feb-2024

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.185.0](#) 25-Mar-2023

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.181.0, 8.10.182.0, and 8.10.183.0](#) 12-Dec-2022

[Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.9.111.0](#) 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.171.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.162.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.151.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.142.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.130.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.121.0 and 8.10.122.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.112.0 and 8.10.113.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.10.105.0 30-Aug-2022

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.5.182.104 25-Nov-2021

Release Notes for Cisco Wireless Controllers and Lightweight Access Points, Cisco Wireless Release 8.5.182.0 31-Aug-2021

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## Reference

### Command References

#### Cisco 5520 Wireless Controller

[Cisco Wireless Controller Command Reference, Release 8.8](#)

[Cisco Wireless Controller Command Reference, Release 8.5](#)

[Cisco Wireless Controller Command Reference, Release 8.10](#)

[Cisco Wireless Controller Command Reference, Release 8.9](#)

[Cisco Wireless Controller Command Reference, Release 8.7](#)

[Cisco Wireless Controller Command Reference, Release 8.6](#)

[Cisco Wireless Controller Command Reference, Release 8.3](#)

[Cisco Wireless Controller Command Reference, Release 8.1](#)

[Cisco Wireless Controller Command Reference, Release 8.4](#)

### Documentation Roadmaps

Documentation Roadmap, Cisco Wireless Release 8.10

Documentation Roadmap, Cisco Wireless Release 8.9

Documentation Roadmap, Cisco Wireless Release 8.8

Documentation Roadmap, Cisco Wireless Release 8.5

Documentation Roadmap, Cisco Wireless Release 8.7

Documentation Roadmap, Cisco Wireless Release 8.6

## Technical References

### Most Recent

Enterprise Mobility 8.5 Design Guide 16-Nov-2020

Cisco Mobility Express Deployment Guide 22-Jul-2020

Cisco Wireless Mesh Access Points, Design and Deployment Guide, Release 8.0 25-Jun-2020

Cisco Mobility Express Deployment Guide—Release 8.3.102.0 15-Jun-2020

Domain Filtering Guide 15-Jun-2020

CMX FastLocate Deployment Guide MSE Release 8.0 17-Apr-2020

Smart Licensing Deployment Guide 30-Mar-2020

Cisco 8540 Wireless LAN Controller Deployment Guide 06-Dec-2019

Cisco 5520 Wireless LAN Controller Deployment Guide 06-Dec-2019

Cisco 5520 Wireless LAN Controller Deployment Guide 06-Dec-2019

NBAR2 Protocol Pack 37.0.0 for Cisco Wireless Controllers 08-Jul-2019

Cisco Mobility Express Deployment Guide Release 8.7 05-Jul-2019

NBAR2 Protocol Pack 40.0.0 for Cisco Wireless Controllers 20-Jun-2019

Cisco Wireless Mesh Access Points, Design and Deployment Guide, Release 8.8 13-Jun-2019

Application Visibility and Control Feature Deployment Guide 17-Jul-2018

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## Design

### Design TechNotes

Configure the Aironet 600 Series OfficeExtend Access Point

## Install and Upgrade

### Install and Upgrade Guides

Cisco 5520 Wireless Controller

Cisco 5520 Wireless Controller Installation Guide

Regulatory Compliance and Safety Information—Cisco 5520 Wireless Controller (PDF - 2 MB)

Regulatory Compliance and Safety Information—Cisco 5520 Wireless Controller (PDF - 4 MB)

## Other

Voice Over Wireless LAN (VoWLAN) Troubleshooting Checklist

## Configuration

### Configuration Examples and TechNotes

#### Cisco 5520 Wireless Controller

Configure Console Access to 5520 8540 WLC via CIMC

Configure the Local Database Size on the Wireless LAN Controller

Web Authentication Using LDAP on Wireless LAN Controllers (WLCs) Configuration Example

Configure NTP on Wireless LAN Controllers

Generate and Import CSR for Third-Party Certificates

DNA Spaces Captive Portal with AireOS Controller Configuration Example

Configure Work Group Bridge (WGB) Multiple VLAN Support

Central Web Authentication on Converged Access and Unified Access WLCs Configuration Example

Configure CWA with FlexConnect APs on a WLC with ISE

External Web Authentication with Wireless LAN Controllers Configuration Example (ZIP - 1 KB)

Unified Access Wireless LAN Controllers Guest Anchor with Converged Access Configuration Example

Configure WLC Mesh Network for Releases 5.2 and later

Configure PEAP and EAP-FAST with ACS 5.2 and WLC

Configure ACS 5.2 for Port-based Authentication with a LAP

Configure the Aironet 600 Series OfficeExtend Access Point

Wireless LAN IPv6 Client Deployment Guide

Configure Web Authentication Proxy on a WLC

External Web Authentication Using a RADIUS Server

### Configuration Guides

#### Cisco 5520 Wireless Controller

Cisco Wireless Controller Configuration Guide, Release 8.10

Cisco Wireless Controller Configuration Guide, Release 8.5

Cisco Wireless Controller Configuration Guide, Release 8.7

Cisco Wireless Controller Configuration Guide, Release 8.8

Cisco Wireless Controller Configuration Guide, Release 8.6

Cisco Wireless Controller Configuration Guide, Release 8.9

## NBAR2 Protocol Packs

NBAR2 Protocol Pack 9.0.0 for Wireless LAN Controllers

## Maintain and Operate

### Maintain and Operate TechNotes

Cisco 5520 Wireless Controller

Use Prime Infrastructure to Back Up the WLC Configuration

## Troubleshooting

### Error and System Messages

#### Most Recent

Cisco Wireless Controller System Message Guide, Release 8.10 19-Oct-2019 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.9 10-Apr-2019 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.9 10-Apr-2019 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.8 27-Jul-2018 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.8 18-Apr-2018 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.7 05-Apr-2018 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.7 28-Mar-2018 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.3 01-Jul-2016 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.6 01-Jul-2016 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.5 01-Jul-2016 (XLSX)

Cisco Wireless Controller Trap Logs, Release 8.4 01-Jul-2016 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.3 01-Jul-2016 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.6 01-Jul-2016 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.5 01-Jul-2016 (XLSX)

Cisco Wireless Controller System Message Guide, Release 8.4 01-Jul-2016 (XLSX)

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## Support FAQ

## Wireless Guest Access FAQ

# Troubleshooting TechNotes

### Most Recent

Recommended AireOS Wireless LAN Controller Releases 22-Oct-2025

Monitor AireOS WLC via SNMP with OIDs 03-Jun-2025

Troubleshoot Web Authentication on a WLC 16-Apr-2025

Understand Unified Wireless Network Protocol and Port Matrix 12-Nov-2024

Configure Syslog Server on Wireless LAN Controllers 08-Dec-2023

Understand Site Survey Guidelines for WLAN Deployment 14-Nov-2023

Understand the FlexConnect Feature Matrix for AireOS 12-May-2023

Ascertain Methods for 802.11 WLAN and Fast-Secure Roaming on CUWN 09-Feb-2023

Troubleshoot Technote of QoS for Wireless LAN Controller 30-Jun-2022

Understand how AireOS WLCs Handle DHCP Protocol 10-May-2022

ARP Responses for Default Gateway IP Address Point to Wireless Clients 10-Nov-2021

List AireOS Feature Per Release 30-Mar-2021

Wireless Bi-Directional Rate Limiting Deployment Guide 10-Aug-2020

Troubleshoot and verify SD-Access wireless initial setup 17-Oct-2019

AVC feature support on different models of WLC 16-Nov-2016

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## Literature

### White Papers

Miercom Report: Cisco 5520 and 8540 vs. Aruba 7210 and 7240 (PDF - 2 MB)

Mobile Access Indoor Wireless Solution and Cisco WLANs



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