

{{value[‘customer\_name’]}} - WLAN - SRD

April 11, 2023

Version 0.1

Cisco Systems, Inc.

Corporate Headquarters

170 West Tasman Drive

San Jose, CA 95134-1706 USA

Phone: +1 408-526-4000

Toll Free: +1 800-553-NETS (6387)

Fax: +1 408-526-4100

**Document Classification**

**Cisco Highly Confidential**

Contents

[Contents 2](#_Toc256000000)

[List of Figures and Tables 3](#_Toc256000001)

[About This Document 4](#_Toc256000002)

[History 4](#_Toc256000003)

[Review 4](#_Toc256000004)

[Document Conventions 4](#_Toc256000005)

[1 Introduction 6](#_Toc256000006)

[1.1 Preface 6](#_Toc256000007)

[1.2 Audience 6](#_Toc256000008)

[1.3 Project contact List 6](#_Toc256000009)

[2 Business Requirements 7](#_Toc256000010)

[3 Coverage Requirements 8](#_Toc256000011)

[4 Network Topologies 10](#_Toc256000012)

[4.1 Network Diagrams 10](#_Toc256000013)

[4.2 Existing Network Components (Software/Hardware) 10](#_Toc256000014)

[5 Use Case Requirements 11](#_Toc256000015)

[5.1 WLAN Users 11](#_Toc256000016)

[5.2 WLAN Devices 11](#_Toc256000017)

[5.3 Wireless LAN (SSIDs) 11](#_Toc256000018)

[6 Performance and Scale Requirements 13](#_Toc256000019)

[7 High Availability and Redundancy Requirements 14](#_Toc256000020)

[8 WLC and AP Requirements 15](#_Toc256000021)

[9 WLAN Guest Session Management Requirements 16](#_Toc256000022)

[10 Third-Party Integration Requirements 17](#_Toc256000023)

[11 Security Requirements 18](#_Toc256000024)

[Trademarks and Disclaimers 19](#_Toc256000025)

[Document Acceptance 20](#_Toc256000026)

List of Figures and Tables

**No table of figures entries found.**

[Table 1 Customer Contact Details 6](#_Toc256000027)

[Table 2 Partner Contacts Details 6](#_Toc256000028)

[Table 3 Cisco Contacts Details 6](#_Toc256000029)

[Table 4 WLAN Coverage Areas 8](#_Toc256000030)

[Table 5 Renovation Areas 8](#_Toc256000031)

[Table 6 WLAN Open or High Celling Areas 8](#_Toc256000032)

[Table 7 WLAN Special Requirements 8](#_Toc256000033)

[Table 8 WLAN Use Cases 11](#_Toc256000034)

[Table 9 WLAN Use Cases 11](#_Toc256000035)

[Table 10 WLAN SSIDs and their Requirements 11](#_Toc256000036)

[Table 11 Performance & Scale Requirements 13](#_Toc256000037)

[Table 12 High Availability Details 14](#_Toc256000038)

[Table 13 Redundancy Details 14](#_Toc256000039)

[Table 14 WLC and AP Requirements 15](#_Toc256000040)

[Table 15 Session Management Requirements 16](#_Toc256000041)

[Table 16 Third Party Integration Requirements 17](#_Toc256000042)

[Table 17 Security Requirements 18](#_Toc256000043)

**No table of figures entries found.**

# Use Case Requirements

## WLAN Users

Please list in the table below the uses of the WLAN Infrastructure:

Table 8 WLAN Use Cases

|  |  |  |
| --- | --- | --- |
| No. | User/Device | Description |
| {%tr for k1,v1 in value.items()%} | | |
| {%tr if k1 == ‘user\_type’ %} | | |
| {%tr for v2 in v1 %} | | |
| {{loop.index}} | User | {{v2}} |
| {%tr endfor %} | | |
| {%tr endif %} | | |
| {%tr endfor %} | | |