

# MANAGED WIRELESS LAN SERVICE

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### 1. **GENERAL**

- 1.1 <u>Service Definition</u>. Verizon's Managed Wireless LAN service (Managed WLAN or Service) extends Customer's Verizon-managed WAN or LAN infrastructure to include wireless LAN access.
- 1.1.1 **Platforms**. Except where explicitly stated otherwise, these terms apply to Optimized Service (denoted with a "+" and sometimes referred to as Rapid Delivery) and non-Optimized Service.
- 1.2 <u>Standard Service Features</u>. Optimized Managed WLAN is offered at three service levels. Non-Optimized Managed WLAN is offered only at the Full Management service level.

Service features and responsibilities are summarized in the table below:

|          | Division of Responsibilities – Management Levels (Each Level includes all of the items of the previous Level) |  |                     |
|----------|---|--|---------------------|
|          | Monitor and Notify (Optimized Service only)   | Physical Management (Optimized Service only) | Full Management     |
| Customer | Strategic Direction   | Strategic Direction                          | Strategic Direction |
| Manages: | Fault Isolation   | Fault Restoration-Logical                    | Security Policy     |
|          | Fault Restoration-Logical   | Change Management-<br>Logical                |                     |
|          | Fault Restoration-Physical  | Change Management-<br>Physical               |                     |
|          | Maintenance-Break/Fix   | Security Policy and Patching                 |                     |

|          | Change Management-<br>Logical  |                            |                                  |
|----------|--------------------------------|----------------------------|----------------------------------|
|          | Change Management-<br>Physical |                            |                                  |
|          | Configuration Back-Up          |                            |                                  |
|          | Security Policy and Patching   |                            |                                  |
|          |                                |                            |                                  |
| Verizon  | Monitoring                     | Monitoring                 | Monitoring                       |
| Manages: | Fault Notification             | Fault Isolation            | Fault Isolation                  |
|          | Performance Reporting          | Fault Notification         | Fault Notification               |
|          |                                | Fault Restoration-Physical | Fault Restoration-<br>Logical    |
|          |                                | Maintenance-Break/Fix      | Fault Restoration-<br>Physical   |
|          |                                | Configuration Back-Up      | Maintenance-<br>Break/Fix        |
|          |                                | Performance Reporting      | Change<br>Management-<br>Logical |
|          |                                |                            | Change<br>Management-            |
|          |                                |                            | Physical                         |
|          |                                |                            | Configuration Back-              |
|          |                                |                            | Up                               |
|          |                                |                            | Performance                      |
|          |                                |                            | Reporting                        |
|          |                                |                            | Security Patching                |

To enable the flow of data traffic to support Customer's business applications (e.g., email), tunnels will be set up between an access point identified below and another device or infrastructure identified below:

| Access Point or Service Node  | Device or Infrastructure | Enables Flow of Traffic to: |
|---|--------------------------|-----------------------------|
| Aruba Instant Access Point  | Virtual Wireless LAN     | Customer's wireless         |
| ("IAP")   | Controller               | applications                |
| Lightweight Access Point ("LAP")  | Wireless LAN Controller  | Customer's wireless         |
|   |                          | applications                |
| Cloud-Controlled Access Point   | Cloud Infrastructure*    | Customer's wireless         |
| ("CCAP")  | Cloud Illitastructure    | applications                |
| Software Defined Wireless LAN   | Cloud Infrastructure*    | Customer's wireless         |
| ("SD-WLAN")   | Cloud minastructure      | applications                |
| * Various registains the Cloud Infrastructure is a redundant fachion with multiple data contars |                          |                             |

<sup>\*</sup> Verizon maintains the Cloud Infrastructure in a redundant fashion, with multiple data centers backing up each other. Failover Cloud Infrastructure instances run in stand-by mode and activate if primary Cloud Infrastructure instances fail.

# 1.2.1 Monitor and Notify Management

- 1.2.1.1 **Monitoring**. Verizon proactively monitors all Managed CPE designated by Customer up to the local area network ("LAN") interface 24 hours a day, seven (7) days a week.
- 1.2.1.2 **Notification**. Verizon will create a trouble ticket and send a notification to Customer's designated point of contact within 15 minutes of Verizon's determination of a Managed CPE or transport failure. Upon the creation of a trouble ticket, Verizon will (i) troubleshoot the transport service until the problem has been verified as fixed and the ticket will then be closed, if the trouble is due to a Verizon transport service; or (ii) inform Customer of the fault and monitor the ticket if the trouble is due to causes other than a Verizon transport service.

- 1.2.1.3 **Managed WLAN Reporting.** This feature provides Customer with comprehensive daily and ad hoc reporting to quickly assess the health and performance of Managed WLAN, and may include depending upon the type of reporting received (see below) any of the following: daily uptime reports, daily managed device summary reports, daily inventory reports, daily new rogue reports, configuration audit reports, and wireless net usage reports.
  - Managed WLAN reporting is available on the Verizon Enterprise Center (VEC)-based Managed Services Customer Portal (Customer Portal). Customer may obtain up to 10 user accounts on the Customer Portal and is responsible for ensuring that all users understand and comply with Verizon's confidentiality requirements.
  - Managed WLAN reporting for Customers using the CCAP or SD-WLAN feature is available via portals separate from the VEC. The portal used for the CCAP feature (Web Portal) is available via the VEC. The portal used for the SD-WLAN feature ("SD-WLAN Portal") is available at <a href="https://verizon.mist.com/">https://verizon.mist.com/</a> or another URL provided by Verizon from time to time.
- 1.2.1.4 Web Portal and SD-WLAN Portal Administrative Access. Monitor and Notify Management CCAP and SD-WLAN Customers have write administrative access to logically manage activities. Customer shall not add, move or remove devices or licenses to the dashboard, add or remove administrators in the dashboard to ensure that devices, licenses and administrators are provisioned on Verizon systems.

## 1.2.2 **Physical Management**

- 1.2.2.1 Design Services. Verizon will create a Customer design document (CDD) based on a written statement of requirements (SOR) agreed to by Customer. Software or CPE upgrades that may require Customer investment will be included in the SOR, particularly if such upgrades are required to address Customer's requirements for particular functionality. Customer will purchase any required CPE pursuant to a separate CPE Order. Verizon will activate, monitor, and manage the Managed CPE as designed in the CDD.
- 1.2.2.2 Monitoring and Management. Verizon provides physical fault detection, isolation, and monitoring services for Managed CPE, 24 hours per day, 7 days per week. Verizon will resolve physical faults whether caused by Verizon, Customer, or third-party issues. Managed Device logical faults are Customer's responsibility. Customer will inform Verizon of physical faults once it has completed its logical troubleshooting if Verizon is maintenance provider for Customer's CPE.
- 1.2.2.3 **CCAP and SD-WLAN Network Image.** For CCAP and SD-WLAN, a live image of Customer's network is stored on the Cloud Infrastructure, but a roll-back to previous configurations is not supported.

#### 1.2.3 Full Management

- 1.2.3.1 **Monitoring and Management.** Verizon will resolve both logical and physical issues, with Customer's cooperation, either remotely or by dispatching a technician, whether caused by Verizon, Customer or a third party.
- 1.2.3.2 **Change Management Activities.** Verizon will perform the Standard Change Management activities shown in the Customer Portal at no charge.

## 1.2.3.3 Managed Device Software Release Management

- Installation. Verizon will provide relevant software patches and updates as provided by the Managed Device manufacturer from time to time for installation during a fixed update time period, mutually scheduled by the parties. Warranties on software updates, if available, will be provided directly by the Managed Device manufacturer to the Customer.
- Testing. At Customer's request, Verizon will make commercially reasonable efforts to make available
  the resources of Verizon's Customer Test Center (CTC) for the purpose of testing Managed Device
  manufacturer software prior to the implementation of such software. Verizon's ability to control the
  implementation of any new Managed Device manufacturer software release may be limited by rules

- established by the Managed Device manufacturer software. CTC testing may be subject to additional fees and result in delay of the software deployment.
- 1.2.4 Implementation Options. Managed WLAN offers two implementation options to bring devices under Verizon management Managed Implementation and Managed Take Over. With Managed Implementation Verizon provides support for the planning, system engineering, and overall project management of a new network. With Managed Takeover, Verizon reviews, optimizes, and takes over management of a Customer's existing WLAN data network. Both are subject to an SOR to be agreed upon by the Parties.
- 1.2.4 **Web Portal and SD-WLAN Portal Administrative Access.** Full Management level CCAP and SD-WLAN Customers have read-only administrative access in the respective portals.

### 1.3 Optional Service Features

- 1.3.1 **Network Engineering (NE) Service** (for larger Networks, i.e., those with 20+ Managed CPE under Full Management). With Network Engineering, Verizon provides additional reporting, analysis, engineering planning, design, and change-management support services.
- 1.3.2 Guest Access. Verizon offers three options per IAP, LAP, CCAP, or SD-WLAN as applicable, to enable Customer's guests to obtain wireless access to Customer's network (Guest Access): (i) Cisco Meraki, with additional information available at the Web Portal; (ii) Mist Systems, with additional information available at <a href="https://verizon.mist.com/">https://verizon.mist.com/</a> or other URL provided by Verizon from time to time (the SDWLAN Portal) and (iii) Purple WiFi, with additional information available at <a href="http://verizon.purple.net/">http://verizon.purple.net/</a> or other URL provided by Verizon from time to time (the Guest Access Portal). These Guest Access options provide the following functionality:
  - Mobile Location Analytics (MLA). This feature enables Customer to choose to, entirely at its
    discretion and control (i) capture information broadcast by the wireless devices of guests and end
    users (collectively, such data is hereinafter referred to as MLA Data); and (ii) use MLA Data for
    the protection of Customer's network and marketing purposes, subject to applicable laws and
    regulation.
  - Content Filtering (Purple WiFi only). Customer can block inappropriate content by requesting either a specific category of sites to be blocked or the specific sites. Customer also has the option to limit traffic via bandwidth controls.
- 1.3.3 **Splash Page Design Support.** Verizon provides splash page design in basic or customized forms.
  - 1.3.3.1 Basic. Basic splash page design support provides up to two hours of minor customization of a one-page, pre-defined, guest access splash page template on either the Cisco Meraki-, or Mist Systems- or Purple WiFi-based platforms. Basic splash page design support consists of adding Customer's logo to the splash page and styling the page with Customer's corporate color scheme and font. Only styling changes will be made. No structural or layout changes will be made to any pre-defined template as part of this Basic option.
  - 1.3.3.2 Customized. Customized splash page design support provides up to eight hours of professional services to fully customize a one-page guest access splash page pursuant to a separate professional services Service Attachment and SOW. Customer's typography, graphics, images, and links may be utilized if provided in HTML or CSS.
- 1.3.4 **Wireless Assessment.** Customer may request a wireless site assessment via a separate Professional Services Service Attachment and Statement of Work with Verizon or provide a completed wireless assessment from a third party agreed to by Verizon. The wireless site assessment determines the wireless requirements, suitable locations for the Managed CPE, and identifies possible interference based on the results of a radio frequency (RF) analysis. If Customer opts not to contract for or provide such a wireless assessment, Verizon will deploy and monitor the WLAN based upon Customer's requirements, but no SLA will apply to such WLAN.
- 1.3.5 **Network Discovery.** Network Discovery is provided to Managed Takeover Customers for certain management features as part of the implementation. Otherwise, Customers may order Network

- Discovery subject to an additional cost. If Customer orders Network Discovery, Verizon will electronically collect information on CPE connected to Customer's Network.
- 1.3.6 **Device Management.** To effectively manage the network, all Customer sites with CCAP (and Cloud-Controlled Routing (CCR)) or Cloud-Controlled Switching (CCS) or SD-WLAN features must be at the same management level.

# 1.4 Customer Responsibilities

- 1.4.1 General. Customer is responsible for trouble isolation, diagnostics, repair, and maintenance dispatch of CPE managed by the Customer. Customer is also responsible for application of the Verizon-provided SNMP "read access community string" for all monitored WLAN Controllers, or (with respect to Optimized Service) Virtual Wireless LAN Controllers with IAP Management and the application of Verizon-assigned management IP addresses, as required for Verizon management.
- 1.4.2 OOB Access. Unless otherwise agreed, Customer will provide out of band access to each WLAN Controller over a separate PSTN line or wireless connection, where required and consistent with Verizon specifications for troubleshooting purposes. Customer will provide Verizon the Simple Network Management Protocol (SNMP) read/write community string to any Managed Device whose configuration it wants Verizon to automatically backup. Managed Devices under Cloud-Controlled Routing do not require out of band access.
- 1.4.3 **Authorized Users.** Customer is responsible for all guests' and other end users' use of the Customer's WLAN. Verizon will inform Customer by email when it detects a rogue access point. Customer is responsible for determining whether or not the access point in question is unauthorized.
- 1.4.4 **Supported CPE.** Except for CCAP or SD-WLAN CPE where the minimum maintenance coverage is at least 8 hours a day x 5 days a week with a next business day response time, Managed CPE must be under minimum maintenance coverage of at least 7 days per week by 24 hours per day by 4 hours response time.
- 1.4.5 **Interference.** Customer will inform Verizon prior to any deployment of industrial, scientific, and/or medical wireless equipment or other equipment that could affect the performance of Managed WLAN.
- 1.4.6 Remediation Work. Verizon will notify Customer if any remediation work is required on the Managed CPE, which must be completed by Customer prior to Managed Implementation or Managed Takeover. Customer will also be responsible to ensure Managed CPE remains supportable.
- 1.4.7 **Detected Failures.** Customer will report detected Managed WLAN failures and provide any related information to the appropriate Verizon Customer service contact.
- 1.4.8 **Disconnection of PSTN and Wireless OOB**. Upon termination of the Managed WLAN Service for whatever reason, Customer will terminate OOB Access service.
- Guest Access Notice. Customers utilizing the MLA feature must display a notice, in a conspicuous 1.4.9 location proximate to the area where the MLA data is collected, that at a minimum: (i) identifies Customer as the Data Controller (as defined in applicable law); (ii) describes the type of personal information collected; (iii) describes the purpose(s) for which guests' and end users' personal information is processed; (iv) provides a summary of Customer's privacy practices and/or a link to its privacy policy; (v) describes any third parties to which Customer will disclose the personal information of guests and end users and the countries to which such personal information may be transferred; (vi) explains how guests and end users can contact the privacy officer or other person who is accountable for the Customer's privacy practices and how to access and/or correct their personal information; (vii) explains how such guests and end users can opt out from the collection and processing of their personal information; and (viii) notifies guests and end users that their decision not to opt out constitutes consent to the collection, processing, transfer and use of their personal information. Where the guest or end user is located outside of the United States, the opt out requirement in subsections (vii) and (viii) above will not apply and instead the notice must: (1) include an "opt-in" click box or other mechanism that guests and end users must check or accept prior to

gaining access to the MLA feature; and (2) notify guests and end users that their decision to opt-in constitutes express consent to the collection, processing, transfer and use of their personal information in accordance with the terms described in (i) through (vi) herein.

### 2. SUPPLEMENTAL TERMS

- 2.1 <u>Scope.</u> Managed WLAN includes coverage for only those items radios, LAN ports, or interfaces that are directly connected to Managed CPE. With Managed WLAN +, Customer can request a change to the management level (i.e., Monitor and Notify, Physical, Full) for Managed CPE by executing a Change Order amendment to its Agreement.
- 2.2. <a href="Network Discovery">Network Discovery</a>. Customer will provide Verizon with accurate information about proper scope of the Network Discovery, represents that it has all necessary authority to have Verizon undertake the Network Discovery requested under these terms, and will indemnify Verizon and its employees, affiliates and agents against any liability if it does not. Verizon reserves the right to stop or withhold from performing Network Discovery, at its sole discretion. Customer's sole remedy for any failure, inadequacy or other problem of Network Discovery is to request that Verizon re-perform it. Network Discovery is not included within the Managed WLAN SLA.
- 2.3. <u>Data Loss</u>. Neither Verizon nor its vendors are responsible for data or files lost during the performance of Managed WLAN.
- 2.4 Restriction on Encryption Functionality in India. Customer will not perform any bulk encryption in connection with Verizon Facilities in India. The use of encryption is governed by the government policy/rules made under the Information Technology Act, 2000. Customer is responsible for any encryption/decryption activity; however Verizon will help facilitate decryption as and when lawfully requested.
- 2.5 <u>Customer Changes After Wireless Assessment</u>. Changes to Customer Network may affect, Verizon's ability to provide Managed WLAN in whole or in part. Such changes will suspend application of the SLA until a new Wireless Assessment has been done and any necessary adjustments are completed at Customer's expense.
- 2.6 Online Content. With respect to Verizon's provision of optional Guest Access and/or Splash Page Design Support, Customer acknowledges that Verizon does not (i) provide any online content to, or interact with end users or Customer's guests; (ii) own the content on Customer's Splash Page; or (iii) control content on Customer's Splash Page except as otherwise expressly provided herein.
- 2.7 <u>Indemnity Guest Access</u>. Customer will indemnify and hold Verizon harmless from any claims based on the monitoring, capture, storage, use, or sharing of any data collected via Guest Access, including but not limited to claims by a guest or other end user that it did not provide its consent, that a guest or other end user was under the age of thirteen or was not offered a reasonable opportunity to opt-out of the collection of information as required in Guest Access Notice above.
- 2.8 Children's Online Privacy Protection Act (COPPA) (U.S-only). Managed WLAN does not provide the tools to obtain the parental consent under the Children's Online Privacy Protection Act (COPPA). To the extent that Customer operates a website or other online service to which COPPA applies, Customer acknowledges that it will comply with COPPA, including, without limitation, providing notice and obtaining parental consent in accordance with COPPA.
- 2.9 <u>Network Engineering Services Disclaimer</u>. Customer is solely responsible for determining the suitability of third-party products and services, and Verizon has no liability related to or arising from Customer's contracting for or use of them, even where recommended by Verizon. This provision does not apply to the work of subcontractors or other agents done on Verizon's behalf.
- 2.10 **BGP Routing.** Verizon may use border gateway protocol (BGP) routing used to access and monitor the Managed CPE.

- 2.11 **Reports.** All copies of any reports, recommendations, documentation, Customer Portal Web Portal, SDWLAN Portal or Guest Access Portal printouts, where applicable, or other materials in any media form provided to Customer by Verizon are Verizon Confidential Information.
- 3. **SERVICE LEVEL AGREEMENT.** The Service Level Agreement (SLA) for Managed WLAN may be found at the following URL. The SLA does not apply if Customer has not provided a wireless site assessment, through Verizon or a third-party, as noted above.

SLA for Optimized Managed WLAN +:

www.verizonenterprise.com/external/service\_guide/reg/cp\_mwlan\_sla.pdf

SLA for non-Optimized Managed WLAN:

www.verizonenterprise.com/external/service guide/reg/cp mwlan sla legacy.htm

#### 4. FINANCIAL TERMS

- 4.1 Optimized Service. Customer will pay the charges for Optimized Managed WLAN + specified in the Agreement, including those below and at the following URL: <a href="https://www.verizonenterprise.com/external/service\_guide/reg/applicable\_charges\_toc.htm">www.verizonenterprise.com/external/service\_guide/reg/applicable\_charges\_toc.htm</a>. Charges below are in U.S. dollars and will be billed in the invoice currency. Monthly Recurring Charges (MRCs) and Non-Recurring Charges (NRCs) are based on management level and size of Managed Device. Managed WLAN MRCs are fixed for the Service Commitment.
- 4.2 <u>Administrative Charges</u>. The following administrative charges are applicable to Managed WLAN. Additional administrative charges are found in the Master Terms (as "Ancillary Charges").

| Administrative Charge     | Charge Instance       | NRC        |
|---------------------------|-----------------------|------------|
| Dispatch Charge           | Dispatch/Re-Dispatch  | \$300.00   |
| Expedite Fee              | Upon Customer Request | \$1,100.00 |
| After Hours: Installation | Per site              | \$600.00   |

- 4.3 **Managed CPE**. The sizes of Managed CPE apply to the corresponding rates shown in the Contract.
- 4.4 Optional Change Management ("OCM"). OCM provides additional remote change management support for various Managed WLAN changes as shown below. Customer can order specific OCM activities through the Verizon Customer Portal. The Standard Change Management activities shown in the Customer Portal are included in the MRC for Managed WLAN.

| Managed WLAN Optional Change Management Charges      |   |            |
|--|---|------------|
| Change   | Change Instance (Charged per device unless noted) | NRC        |
| After Hours: Changes                                 | Per request per site                              | \$600.00   |
| Implementation (Modify Existing) <sup>1,3</sup>      | Change per device                                 | \$50.00    |
| Design (Single Feature/Protocol) <sup>2</sup>        | Change per device                                 | \$250.00   |
| Design Plus (Multiple Feature/Protocol) <sup>2</sup> | Change per device                                 | \$400.00   |
| Engineering – 1 Hour <sup>4</sup>                    | Per request and block of hours, 1 hour block      | \$300.00   |
| Engineering – 5 Hours <sup>4</sup>                   | Per request and block of hours, 5 hour block      | \$1,375.00 |
| Engineering – 10 Hours <sup>4</sup>                  | Per request and block of hours, 10 hour block     | \$2,500.00 |
| Engineering – 20 Hours <sup>4</sup>                  | Per request and block of hours, 20 hour block     | \$4,500.00 |
| Engineering – 40 Hours <sup>4</sup>                  | Per request and block of hours, 40 hour block     | \$8,000.00 |

- 1. Implementation is used to modify existing features or protocols including the following: dynamic host configuration protocol (DHCP), IP network address translation, MNSO IP address/subnet mask change, switch VLAN and Backhaul Tunnel.
- 2. Design and Design Plus is used for requests to evaluate or add single (Design) or multiple (Design Plus) new or changed features, protocols or applications/policies in the Customer Network, including the following: add DHCP, quality of service (QoS), NAT configuration and traffic filter design.
- 3. Customer may create a new design at one site by selecting Design/Design Plus to add the new feature(s) or protocol(s) and then replicate the design across other sites by selecting Implementation for the remaining sites.

| Managed WLAN Optional Change Management Charges |   |     |
|---|---|-----|
| Change  | Change Instance (Charged per device unless noted) | NRC |
|   |   |     |

<sup>4.</sup> Customer may select Engineering Hours and request additional Engineering OCM hours from time to time as needed. Verizon will track the number of hours spent per OCM request against the hours selected and will report remaining hours to Customer upon request.

# 4.5 **Additional Charges**

- 4.5.1 **Changing Level of Service.** If Customer elects to change its Service Management level, the adjusted NRC and MRC will be presented in a Change Order amendment to its Contract.
- 4.5.2 **IP Addresses.** Verizon may use secondary IP addressing if Customer is using unregistered IP address space. If secondary IP addressing is not available, Customer will pay reasonable costs for a dedicated management domain or an IP proxy hardware solution.
- 4.6 <u>Non-Optimized Service</u>. Customer will pay the charges for non-Optimized Managed WLAN specified in the Agreement. Online pricing for Managed WLAN provided by a United States Verizon entity is at: <a href="https://www.verizonenterprise.com/external/service\_guide/reg/cp\_mwlan\_legacy\_rates\_charges.pdf">www.verizonenterprise.com/external/service\_guide/reg/cp\_mwlan\_legacy\_rates\_charges.pdf</a>
- 5. **DEFINITIONS.** The following definitions apply to Managed WLAN, in addition to those identified in the Master Terms and the administrative charge definitions at the following URL: www.verizonenterprise.com/external/service guide/reg/definitions toc 2017DEC01.htm

| Term                                 | Definition   |
|--------------------------------------|--|
| Aruba Instant Access Point (IAP):    | The equipment that transmits and receives the radio signal at a Customer Site.   |
| Cloud-Controlled Access Point (CCAP) | Cloud Infrastructure-controlled equipment that transmits and receives the radio signal at a Customer Site.   |
| Cloud Infrastructure                 | The Cloud Infrastructure consists of all cloud-hosted elements that are used to provision and manage the architectural aspects of the system comprised of the CCAP or SD-WLAN and related equipment; such aspects to include security policies, intrusion prevention signatures, radio frequency management, and quality of service. Internet access services, non-CCAP or SD-WLAN equipment at the Customer Site, including the Managed CPEs, are not part of the Cloud Infrastructure.   |
| Customer Network                     | The Managed CPE and related network located at a Customer Site.  |
| Dispatch Charge                      | A charge applied when a Customer service request results in Verizon going on to, or attempting to go on to, a Customer Site.   |
| Managed CPE                          | WLAN equipment managed by Verizon under the terms of this Service Attachment, whether provided by Customer or purchased by Customer from Verizon, including equipment to be managed by Verizon as part of a Managed Take-over, as applicable. Managed CPE includes Wireless LAN Controllers, Lightweight Access Points, Aruba Instant Access Points, Cloud-Controlled Access Points, Software Defined Wireless LAN Access Points, and associated accessories, including but not limited to antennas, power injectors, and mount kits, as applicable, installed at a Customer Site by Verizon for Managed WLAN. |
| Management Information Base (MIB)    | A database of information stored by SNMP-compliant Managed CPE.  |
| Lightweight Access Point (LAP)       | The equipment that transmits and receives the radio signal at a Customer Site.   |
| MLA Data                             | MLA Data consists of the information transmitted by the  |

|   | wireless devices of guests and other end users, including<br>the geo-location of those devices and the devices' MAC<br>address before the end user logs onto Customer's Network<br>via a splash page. |
|---|---|
| SNMP community string                             | An SNMP community string is a password that allows access to Managed CPE MIB statistics.  |
| Software Defined Wireless LAN (SD-WLAN)           | Cloud Infrastructure-controlled equipment that transmits and receives the radio signal at a Customer Site.  |
| Wireless LAN Controller (WLAN Controller or WLC): | The equipment that handles the system-wide functions of Managed WLAN, including but not limited to security policies, intrusion prevention, radio frequency management, and quality of service.       |