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| --- | --- | --- | --- | --- |
| **Wireless Controller Specifications:** | |  |  |  |
|  |  |  |  |  |
| Do ARUBA 7030-RW support the following | |  |  |  |
|  |  |  |  |  |
| **No.** | **Specification of Model No.** | **Y/N** | **Partially** | **Details** |
| 1- | Virtual Cell |  |  |  |
| 2- | Virtual Cell Load Balancing |  |  |  |
| 3- | Single Channel Architecture |  |  |  |
| 4- | Channel Layering |  |  |  |
| 5- | Infrastructure managed hand off |  |  |  |
| 6- | Zero-latency roaming |  |  |  |
| 7- | Performance Consistent for Voice |  |  |  |
| 8- | Dedicated CPU for wireless performance |  |  |  |
| 9-- | 4 10/100/1000 Interfaces (Copper RJ45) |  |  |  |
| 10- | 4 x 1GE SFP Ports |  |  |  |
| 11- | 2 x 10 GE SFP+ Ports |  |  |  |
| 12- | 1 Console Port |  |  |  |
| 13- | Internal Storage of 2 x 240 GB SSD Hard Drive Space |  |  |  |
| 14- | Maximum Clients of 6,250 |  |  |  |
| 15- | No Licensing Requirements for Access Points |  |  |  |
| 16- | Standalone device |  |  |  |
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|  |  |  |  |  |
| **Wireless Manager Specifications:** | |  |  |  |
|  |  |  |  |  |
| **No.** | **Specification of Model No.** | **Y/N** | **Partially** | **Details** |
| 1- | Standalone Box |  |  |  |
| 2- | 4 x 1GE RJ45 Ports |  |  |  |
| 3- | 1 USB (Type-A) Port |  |  |  |
| 4- | 1 Console (RJ45) |  |  |  |
| 5- | Hard disk of 1TB |  |  |  |
| 6- | Support for 10 Wireless Controller |  |  |  |
| 7- | Support up to 500 Access Points |  |  |  |
| 8- | Support up to 1000 stations |  |  |  |
| 9- | Spectrum Manager for spectrum management and analysis |  |  |  |
| 10- | Detects wireless intrusions using predefined and custom signatures on an integrated platform with other WLAN management applications. |  |  |  |
|
| 11- | Service Assurance Manager capable |  |  |  |
| 12- | Enable AP to act as virtual client for service assurance diagnostics tests |  |  |  |
| 13- | Features Support for Inventory, Statistics, OS Fingerprinting, Rogue Access Points, Alarms, Events |  |  |  |
| 14- | Controller and AP Configuration from Single Pane of Glass |  |  |  |
| 15- | Customized Reporting |  |  |  |
| 16- | Detailed real time and historic data |  |  |  |
| 17- | Client Debugging from GUI |  |  |  |
| 18- | Configurable Alerts |  |  |  |
|  |  |  |  |  |
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| **Access Points Specs: AP-315** | |  |  |  |
|  |  |  |  |  |
| **No.** | **Specification of Model No.** | **Y/N** | **Partially** | **Details** |
| 1- | Virtual Cell Deployments Capable |  |  |  |
| 2- | Channel Layering |  |  |  |
| 3- | Compatible with Single Channel Architecture |  |  |  |
| 4- | Must be able to work with Cloud, Firewall or Dedicated Wireless Controller |  |  |  |
| 5- | MU-MIMO Capable |  |  |  |
| 6- | 802.11 a/b/g/n/ac |  |  |  |
| 7- | 802.11 ac Wave 2 technology with data rates of up to 3.5 Gbps |  |  |  |
| 8- | 4x4 MU-MIMO with 4 streams |  |  |  |
| 9- | 802.11 ac transmit beamforming (TxBF) |  |  |  |
| 10- | Modulation up to 256 QAM |  |  |  |
| 11- | Must have dedicated Bluetooth |  |  |  |
| 12- | 2 Gig Interfaces on each access point |  |  |  |
| 13- | Support Infrastructure Initiated Handoff |  |  |  |
| 14- | Zero Roaming Capable |  |  |  |
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| **Authentication Specification:** | |  |  |  |
|  |  |  |  |  |
| **No.** | **Specification of Model No.** | **Y/N** | **Partially** | **Details** |
| 1- | Support of Guest Access |  |  |  |
| 2- | Self-Registration capable with mail and SMS gateway integration |  |  |  |
| 3- | Support Social Media Login |  |  |  |
| 4- | Directory Back End Support |  |  |  |
| 5- | Automated 802.1x Configuration support for BYOD |  |  |  |
| 6- | Built-In Radius Server with Authentication, Authorization & Accounting |  |  |  |
| 7- | Support MDM Integration |  |  |  |
| 8- | Capable of integrating with Microsoft Active Directory, OpenLDAP, Generic LDAP |  |  |  |
| 9- | Customization with Animation and Video Support |  |  |  |
| 10- | Flexible Policy Engine with MAC, MDM state |  |  |  |
| 11- | Role & Device Based Management |  |  |  |
| 12- | Retrieval and verification of identity and group based policies across multiple identity stores (LDAP, RADIUS, social networking identities, other databases) |  |  |  |
| 13- | Integrated policy and reporting across specialized policy enforcement devices like firewalls |  |  |  |