



I'm not robot



Continue

Aruba iap 105 configuration guide

Thank you for using our services. We are a nonprofit group that runs this service to share documents. We need your help to maintain and improve this website. To keep our site running, we need your help to cover your server costs (about \$500/m), a small donation will help us a lot. Please help us share our service with your friends. Recently, my Linksys E2000 decided it was no longer the wireless access point I would expect it to be and it had to be replaced. Thinking that maybe it probably just needed an update or going back to the original firmware didn't even solve the problem because it wouldn't allow any customer to access the network. No matter what I did, there was no way I could get this thing to work properly. It was time to change it. After reading something and digging, but after eventually taking the advice of my e-friend Mauro, I bought an Aruba IAP-105. WRT54GL I pulled out of storage just didn't cut it, thrup wise, even though the wireless g was something pretty great 14 years ago. It's a nice little tool and it feels like a well-built unit. While handling it, the look and feel of this well crafted tool sounds like something that yells at me professionally or perhaps, I was made to survive the knuckle-pull handler like you. Reset the router done by inserting the paperclip into the holiday hole when it is turned off and on. Wait about 5 seconds to flash the LED indicators and you're off to the races. Note that there is nothing on just pressing the reset button and catching when it is driven. Access Point presented a login screen and I failed to locate the default username and password anywhere in the instruction manual. It took a bit of digging, but I was able to determine that the default username is the admin and the password is also admin. I was sure to fix that default because it has been shown very often that defaults are discarded and a network is compromised. The installation of access point was so simple that I felt a little bit to realize that I had set it up properly with very little effort on my part. The effort was so low, I was sure it wasn't properly installed until I started to see customers added. It was amazingly easy. Under the Network section, choose New to enter a new WLAN. The interesting thing here is that you have 3 options. Staff, voice and guest. None of which are actually using mine, but home access is probably closer to the guest than employee. Then there were the client IP and VN settings. In my case, I don't have any VLANs on my network. Maybe I should, but at the moment, I don't see a need. For my purposes. I want client IP assignment to take care of my main DHCP server and since I don't have a virtual controller, I went with the network assigned option because it seemed the most reasonable. Client VN was left to default. The security section had nothing straight ahead with the Access section. Once I've completed it, I was a bit confused because I didn't set dhcp server or DNS or I'm sure if I had missed something then I didn't click around a while, only to discover that it took care of all of that for me. The customer information provided by Access Point is very interesting. It is very interesting to see the graph on signal strength, connection speed and throughput of connected devices. Now, should I have issues with a client, I can look at the graphs and make a better understanding of what the issues might be. This can help me choose a better location for IAP in the future. I want to add a note that I'm getting a warning that I have only 100 mbit/mbit on Ethernet. I'm thinking it's something PoE I'm using as my switch and everything connected to it is full 1 Gbit/Gbit. A little upset but I'll circle back on him eventually. Last thought once again, my network looks solid and strong. I'm very happy with this purchase and buying it on eBay for about \$20 made it all the better of a purchase. The set-up was far more simple than I expected and I'm strongly considering getting another one so that I have points reaching opposite ends of the House. I am incredibly satisfied with this purchase. The network connection in my house is very strong and although I'm a little annoyed with the Ethernet speed, it's probably my fault how and I'm going to work later. Reference default username and password for IAP-105Dipal andba Instant began with AP I am a Linux and fitness geek who loves Jesus, people and freedom. Big believer in education and self-empowerment in all things. Teach, train, uplift and edify. See all posts by Cubiclenet Published 23 November 2019 AP-105 Wireless Access Point Installation Guide About Aruba AP-105 Access Points Supports IEEE 802.11n Standard for Aruba AP-105 Wireless Access Point High Performance WLAN. This access point uses MIMO (multiple-in, multiple-out) technology and other high-throughput mode technologies to provide high performance, 802.11n 2.4GHz and 5 GHz functionality, while simultaneously supporting existing 802.11a/b/g wireless services. The AP-105 access point only works closely with the Aruba controller. The ARUBA AP-105 Access Point provides the following capabilities: Wireless Transceiver Protocol - Independent Networking Functionality IEEE 802.11a/b/g/n Operation as a Wireless Access Point IEEE 802.11a/b/g/n Operation of Wireless Air Monitor Compatibility with An IEEE 802.3af POE Central Management Configuration and Upgrade as an ARUBA Controller Package Material AP-105 Access Point (Pack of 10) Installation Guide (This Document) Notify Your Supplier If There is any wrong, missing, or damaged parts. If possible, maintain the cartons, including the original packing material. Use these materials to repack and return the unit to the supplier if required. N.O.T. Figure 1 AP-105 AP-105 Hardware Overview Figure 2 AP-105 Front 105 PWR 11B/G/N ENET 11A/N LED AP-105 is equipped with four LEDs The status of the various components of ap PWR indicates: indicates whether or not ap-105 is powered-on ENET: Ethernet port of AP-105 indicates status of 11A/N: Indicates 8 Status of 02.11a/n Radio 11B/G/N: Indicates the status of 802.11b/g/n radio for information about the LED behavior of AP-105, View table 1 on page Figure 3 AP-105 Rear Power Connector Console Console Port Use console port to connect directly to the terminal for local management. The Ethernet port is equipped with AP-105 single 10/1000/1000base-T (RJ-45) auto sensing, MDDI/MDX wired-network connectivity port. This port supports IEEE 802.3AF power on Ethernet (POE) compliance, which accepts 48VDC as a standard defined powered device (PD) from power sourcing equipment (PSE) such as poe midspan injector, or network infrastructure that supports POE Midspan Injector, or network infrastructure. DC Power Socket If poe is not available, an optional Aruba AP AC-DC adapter kit (sold separately) can be used to power the AP-105. Before you begin the FCC statement: Improper termination of access points established in the United States would violate non-US model controllers configured! FCC Grant of Equipment Authority. Any such intentional or intentional violation may result in a requirement by the FCC for immediate termination warning of the operation and may be subject to seizure (47 CFR 1.80). EU statement: Lower power radio LAN products working in 2.4 GHz and 5 GHz bands. Refer to the ArubaOS User Guide for information about restrictions. Produit regeau local radio basse puces operant dans la bande 2.4 gigahertz et 5 GHz. Merci de vous referer au ArubaOS user guide pour les description des bans. Low Power FunkLAN Produkt, das im 2.4 GHz und im 5 GHz band arbeitet. Caution Weitere notifications bezüglich Einschränkungen finden Sie im ArubaOS user guide. Apparti Radio LAN a Basa Potenza. Operandi a 2.4 GHz e 5 GHz. Fair referemento alla aruvous user guide per avere informazioni dettagliate sulle restrizioni. Pre-installation network requirements have been met after the WLAN plan is completed and suitable products and their placements have been determined, the ARUBA Controller(s) must be installed and the initial setup should be done before the Aruba APS is deployed. For the initial setup of the controller, mention the ArubaOS Quick Start Guide for the software version installed on your controller. BEFORE the AP pre-installation checklist installed your AP-105 access point, Make sure you have the following: CAT5 UTP cable of required length One of the following power sources: IEEE 802.3af- Ethernet (PoE) supports full functionality for analog power at source AP-105 POE Source Provision on any Power Source Device (PSE) Controller or Midspan PSE Device Aruba AP AC-DC Adapter Kit (Sold Separately) Aruba Controller Network: Layer 2/3 Network Connectivity Your Usage Point For to be. One of the following network services: Aruba Discovery Protocol (ADP) DNS Server A record along with ENET Server summary with vendor-specific options of setup process It is important that you verify the items listed under the checklist before you try to set up and install AP-105. The successful setup of the NTE AP-105 access point consists of five functions that should be performed in this order: 1. Verify pre-installation connectivity. 2. Identify the specific installation location for each AP. 3. Install each AP4. Verify connectivity after installation. 5. Configure each AP. Aruba Networks, Inc. has designed AP-105 access points in compliance with government requirements so that only authorized network administrators can change the settings. For more information about AP configuration, refer to ArubaOS Quick Start Guide and ArubaOS User OOE Guide. Access points are radio transmission devices and are thus subject to government regulation. Responsible for network administrators! Configuration and operation of access points must comply with local broadcasting rules. In particular, access points should use the appropriate channel caution assignment for the location in which access points will be used. Confirming pre-installation connectivity before installing APS in the network environment, make sure that the controllers are able to detect and connect after APS Power On. Specifically, you need to verify the following conditions: when connected to the network, each AP is assigned a valid IP address to detect the APS controller and are able to refer to the ArubaOS Quick Start Guide for instructions to connect to the controller. Identification of specific installation locations RF Radiation Exposure Statement: This tool complies with FCC RF radiation exposure limitations. This tool must be installed and operated with a minimum distance of 13.78 inches (35 cm)! Radiator and your body for 2.4 GHz and 5 GHz operations. This transmitter should not be co-located or any other antenna working in conjunction with caution or transmitter. When operated in the 5.15 to 5.25 GHz frequency range, this device is limited to indoor use to reduce the ability to interfere with co-channel mobile satellite systems. You can mount the AP-105 access point on a wall or on the roof. Use the AP placement map generated by Aruba's RF Plan Software application to determine the appropriate installation location(s). Each location must be as closed as possible to the centre of the coverage area intended and must be free from barriers or clear sources of intervention. These RF absorbers/reflectors/intervention sources will affect RF publicity and should have been taken account of during the planning phase and should have been adjusted in the RF scheme. It is important to identify known RF absorbers, reflectors and intervention sources while in the area during the establishment phase. Make sure these sources are taken into account when you give an AP for yourself location. RF absorbers include: Cement/concrete - Old concrete has a high level of water wastage, which dries up concrete, allowing potential RF propagation. Water within new concrete concrete has high levels of concentration, blocking RF signals. Natural items — fish tanks, water fountains, ponds, and tree brick RF reflectors include: metal objects — floors, rebars, fire doors, air conditioning/heating ducts, mesh windows, blinds, chain link fences (based on aperture size), refrigerators, racks, shelves, and filing shelves do not have an AP space between two air conditioning/heat ducts. Make sure the APS is placed under the ducts to avoid RF disturbances. RF intervention sources include: Microwave ovens and other 2.4 or 5 GHz items (such as cordless phones) cordless headsets such as call centers or lunch rooms should be used by trained service personnel to install AP service for all Aruba network products used in AP pre-installation. N.T.E integrated wall-mounting slots can be used to attach the keyhole-shaped slot behind ap to the device directly to the indoor wall or shelf. When you select the mounting location, allow additional space to the right of the unit for the cable. 1. Since the ports are behind the device, make sure you mount ap, this way there is a clear path to the Ethernet port, such as a pre-drill hole in the mounting surface. 2. In mounting space, install two screw on the wall or shelf, in addition to 1 7/8 inches (4.7 cm). If you are attaching the device to the drivel, Aruba recommends using the proper wall anchor (not included). 3. Align the mounting slot on the back of the AP on the screws and slide the unit into place (see Figure 4). Figure 4 installed ap-105 access point on a wall using integrated roof tile rail slots can be used to securely attach the device directly to a 15/16 comprehensive, standard roof tile rail in the snap-tile rail slot on the back of the AP. Make sure the AP roof tile fits safely on the rails when hanging! device from the ceiling; Poor installation can cause it to fall on people or equipment. Caution 1. Pull the necessary cable through a ready hole in the roof tile near where the AP will be placed. 2. If necessary, connect the console cable to the console port behind the AP. Hold ap next to roof tile rails with roof tile rail mounting slots at approximately 30 degree angles for roof tile rail (see if any cable is above dull roof tile. Figure 5 Roof Tile Rail Mounting Slot 3 Orienting . Pushing toward the roof tile, rotate ap clockwise until the device clicks into place on the roof tile rail. Figure 5). Make sure that