ARUBA CLEARPASS ONBOARD

A software module for the ClearPass Policy Manager platform

ENTERPRISE-CLASS DEVICE PROVISIONING AND ONBOARDING

Aruba ClearPass Onboard automates 802.1X configuration and provisioning for BYOD and IT-managed devices – Windows, Mac OS X, iOS and Android 2.2 and above – across wired, wireless and VPNs.

With ClearPass Onboard, guests and employees simply self-register for secure network access and onboard their devices as part of the Aruba ClearPass BYOD framework.

Centrally defined and managed from the ClearPass Policy Manager platform, users are first redirected to a guest or device registration captive portal. Then ClearPass Onboard automatically detects the device operating system and other characteristics to present the user with the appropriate configuration package.

The result is a streamlined method for applying wired, wireless and VPN settings, and an easy-to-manage process for delivering and revoking unique device credentials.
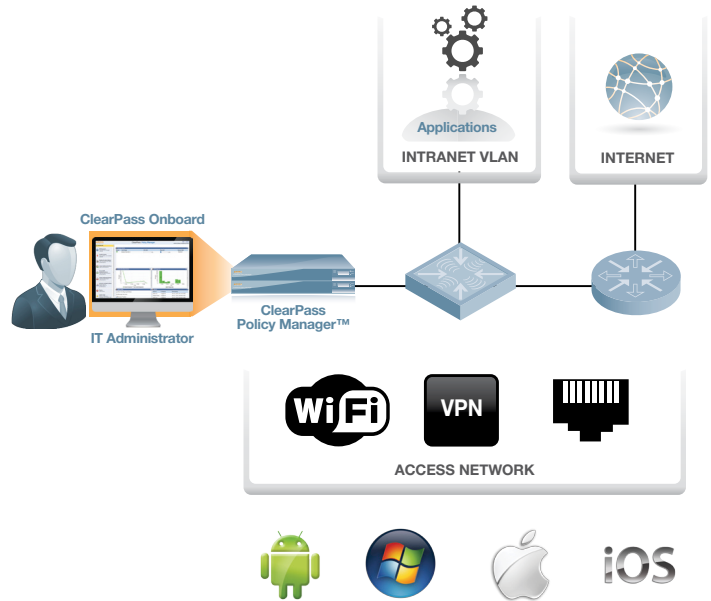
THE CLEARPASS DIFFERENCE

ClearPass Onboard offers the industry's first enterprise-class onboarding capabilities that automate the deployment of 802.1X network access. The onboarding of 10,000 devices is easily managed by directing users to a desired captive portal that resides within the ClearPass platform.

Intuitive profiling and administrative features provide excellent visibility into per-user device characteristics. Simple menu-driven options allow IT personnel to efficiently view, export, revoke and delete unique credentials for BYOD and IT-managed devices.

ClearPass Onboard offers complete configuration and provisioning of devices on any network.
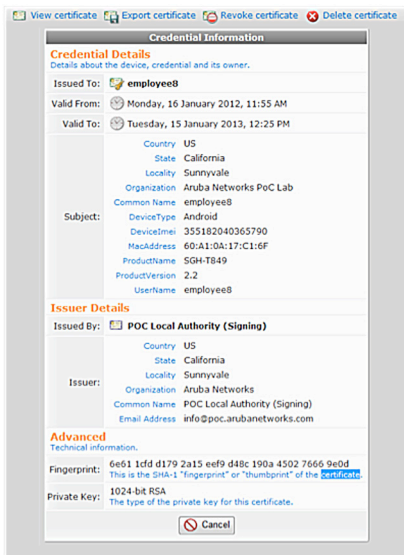
Registration and assignment of unique credentials for Android devices.

KEY FEATURES

- Automatic configuration of network settings for wired and wireless endpoints.
- Provisioning of unique device credentials for BYOD and IT-managed devices.
- Supports Windows, Mac OS X, iOS and Android 2.2 and above.
- Enables the revocation of unique credentials on a specific user's device.
- Leverages the ClearPass Profile software module to identify device type, manufacturer and model.

How it works

The Aruba ClearPass Onboard software module differs from ClearPass QuickConnnect by residing directly on the ClearPass Policy Manager platform and providing the ability to distribute and revoke unique device credentials.

While both products allow users to self-configure wired and wireless 802.1X settings, the administrative interface for ClearPass QuickConnect resides in the cloud and does not distribute unique device credentials.

Unique device credentials

Distribution and revocation of unique device credentials can be extended to Windows, Mac OS X, iOS and Android 2.2 and above devices via a resident PKI infrastructure within the ClearPass Policy Manager.

Organizations that are implementing BYOD can easily onboard devices with secure credentials using EAP-TLS/PEAP certificates with the ClearPass Policy Manager to ensure that only approved BYOD devices are accessing secure resources.

Revocation of unique credentials

If devices are lost or stolen, the simple lookup and menu-driven capabilities in ClearPass Onboard ensure with superb accuracy that certificates for each device can be easily revoked. If users leave an organization or transition into roles where BYOD is not permitted, IT can locate and revoke their credentials.

Provisioning of network settings

Within minutes, ClearPass Onboard automatically configures user devices for secure 802.1X wired and wireless access during the onboarding process. Wired network settings as well as wireless SSIDs, EAP methods and associated security credentials are provisioned before devices can access secure resources.

Supported EAP methods*

- PEAP – EAP-MSCHAPv2, EAP-GTC, EAP-TLS
- EAP-TLS
- EAP-TTLS – all supported EAP and non-EAP inner methods
- EAP-FAST – EAP-MSCHAPv2, EAP-GTC, EAP-TLS
  - Out-of-band protected access credential (PAC) provisioning

This is a universal set of all methods; some supplicants may not support all of these methods.

Centrally-managed network settings for all supported device types.

Ordering Information*

Part Number	Description
LIC-CP-OB-500	Onboard License for Aruba ClearPass Policy Manager – 500 endpoints
LIC-CP-OB-1K	Onboard License for Aruba ClearPass Policy Manager – 1,000 endpoints
LIC-CP-OB-2500	Onboard License for Aruba ClearPass Policy Manager – 2,500 endpoints
LIC-CP-OB-5K	Onboard License for Aruba ClearPass Policy Manager – 5,000 endpoints
LIC-CP-OB-10K	Onboard License for Aruba ClearPass Policy Manager – 10,000 endpoints
LIC-CP-OB-25K	Onboard License for Aruba ClearPass Policy Manager – 25,000 endpoints
LIC-CP-OB-50K	Onboard License for Aruba ClearPass Policy Manager – 50,000 endpoints
Warranty	
Software	90 days**

* ClearPass Onboard is a software license of the ClearPass Policy Manager system and requires a ClearPass Policy Manager server*
** Extended with support contract*

www.arubanetworks.com

1344 Crossman Avenue. Sunnyvale, CA 94089

1-866-55-ARUBA | Tel. +1 408.227.4500 | Fax. +1 408.227.4550 | info@arubanetworks.com