

DATA SHEET

# CLEARPASS ONBOARD

A ClearPass Policy Manager Application

## Automated mobile device provisioning and configuration for secure BYOD

ClearPass Onboard automatically configures and provisions mobile devices – Windows, Mac OS X, iOS, Ubuntu, Chromebook and Android 2.2 and above – enabling them to securely connect to enterprise networks in support of BYOD initiatives.

Employees, contractors and partners are automatically given permission to self-configure their own devices. The ClearPass Onboard portal dynamically detects a device's operating system and guides the user through the appropriate configuration package.

This provides an incredibly simple way to configure wireless, wired and VPN settings, apply unique per device certificates and profiles, and ensure that users can securely connect their devices to 802.1X- enabled networks with minimal IT interaction.

ClearPass Onboard also increases the amount of usable data for troubleshooting, user- and device-based policies, and collected compliance reporting per each device.

The result is a streamlined workflow that allows IT helpdesk personnel to efficiently automate multiple processes that are required to successfully carry out BYOD initiatives while improving the user experience.

### THE CLEARPASS ADVANTAGE

With the industry's most advanced auto-provisioning features, onboarding thousands of devices is amazingly simple via integrated policy management, customizable user-facing portal, and built-in CA.

#### Automated policy management

With ClearPass, IT can use profiling data collected during onboarding to enforce device categorization and role-based network access policies. Centrally-defined policies also limit the types of devices that can be onboarded and which users can onboard them.

### KEY FEATURES

- Enables users to self-register and securely onboard multiple devices
- Supports Windows, Mac OS X, iOS, Android, Chromebook and Ubuntu operating systems
- Automates the configuration of network settings for wired and wireless endpoints
- Unique provisioning and revocation of device-specific credentials
- Contains built-in certificate authority
- Uses profiling to identify device type, manufacturer and model
- Provides BYOD visibility and centralized policy management capabilities

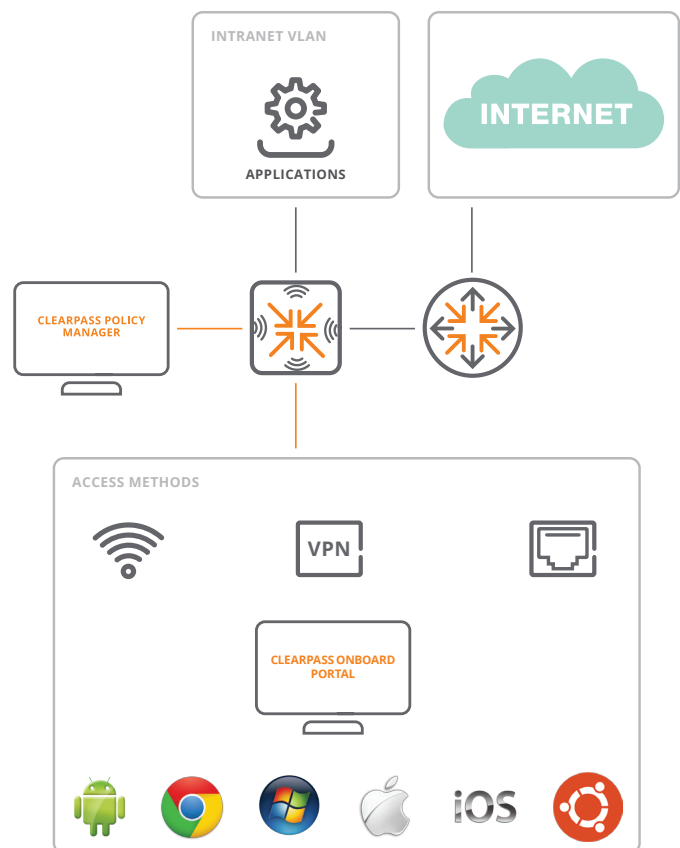
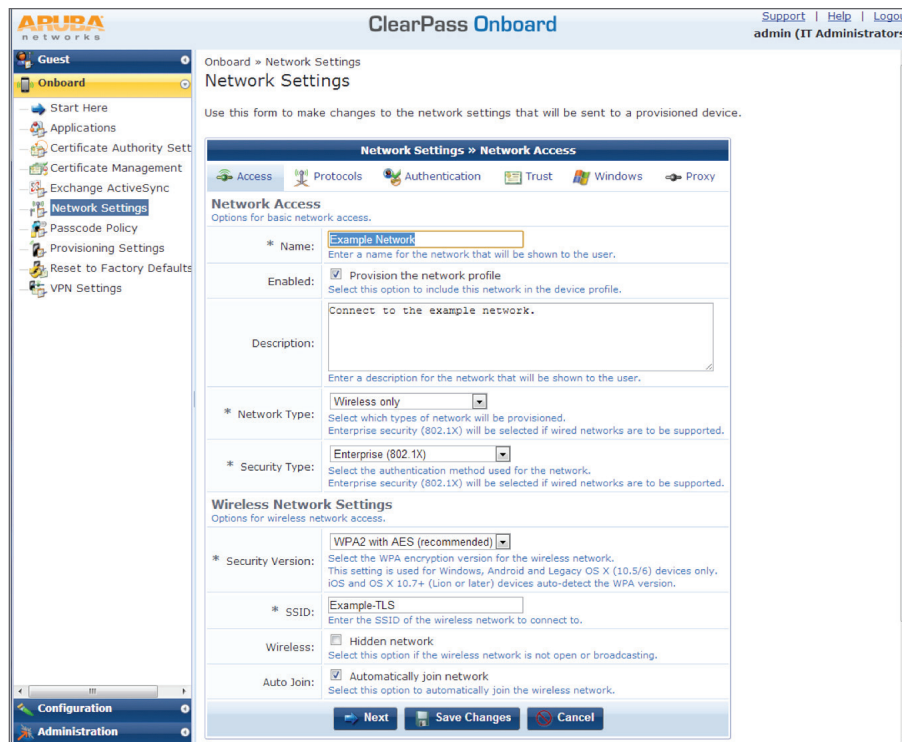


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ClearPass Onboard lets users securely configure their own smartphones, tablets and laptops.



ClearPass Onboard administrator interface features customizable settings per network type.

## Customized device provisioning

A centrally managed administrator portal allows IT to configure device certificates and trust details, network access, VPN, and health check settings, and authentication protocols for wireless and wired networks.

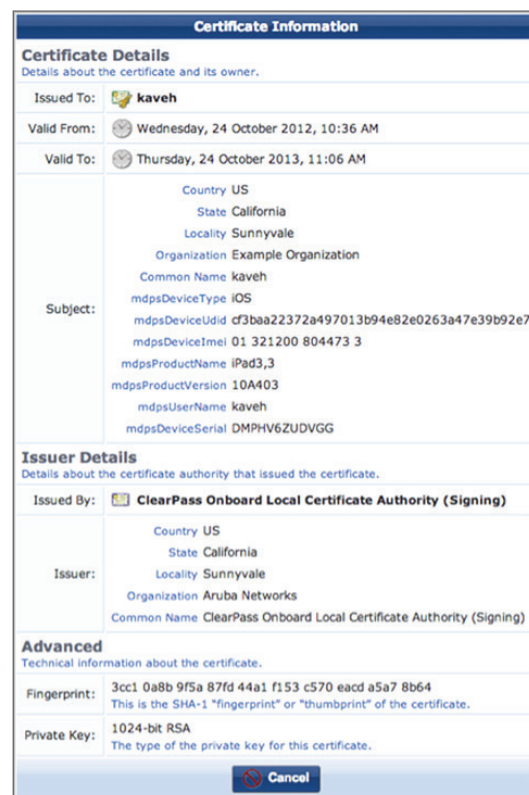
The IT staff can also define the number of devices that can be onboarded per user and how long their certificates are valid.

## ADVANCED ONBOARDING CAPABILITIES

### Managing unique device credentials

The distribution of published device credentials through ClearPass Onboard's built-in CA safeguards organizations that want to adopt BYOD initiative's without requiring the implementation of an external certificate authority. ClearPass Onboard leverages the certificate authority within the Policy Manager platform to publish unique certificates that also include specific user and device data.

ClearPass also supports the distribution of Onboard generated certificates requested by third-party applications – mobile device management (MDM) or enterprise mobility management (EMM) – through SCEP and EST (RFC 7030) protocols.



Details of unique credentials for onboarded BYOD endpoints.

### Revocation of unique credentials

Easy-to-use search and menu-driven capabilities ensure the rapid revocation and deletion of certificates for specific mobile devices if a user leaves an organization or the mobile device is lost or stolen.

Supported EAP methods:

- PEAP – EAP-MSCHAPv2
- EAP-TLS

### ORDERING GUIDANCE

ClearPass Onboard can be ordered via perpetual license or subscription that includes ArubaCare for the length of the subscription. Available Enterprise options provide the ability for organizations to flexibly use the licenses for ClearPass Onboard, Guest or OnGuard.

Ordering ClearPass Onboard involves the following three steps:

1. Determine the number of unique endpoints that users will provision within your environment.
2. Select the total number of Onboard Part Numbers. Anything over the capacity of a base appliance will require the purchase of a second Policy Manager appliance.
3. Choose the appropriate ClearPass Policy Manager hardware or virtual appliances to accommodate the total number from above.

Example – To support the provisioning of 2000 total devices, ensure that the Policy Manager platform is sized to accommodate the 2000 devices and any other endpoints that will authenticate via 802.1X, MAC auth, etc.

Purchase the following:

- ClearPass Hardware Appliance - CP-HA-5K
- ClearPass Onboard - 2 X LIC-CP-OB-1K

Additional Onboard capacity can be purchased at any time to meet growth demands.

<b>ORDERING INFORMATION*</b>	
<b>Part Number</b>	<b>Description</b>
LIC-CP-OB-100	Onboard for Aruba ClearPass Policy Manager – 100 endpoints
LIC-CP-OB-500	Onboard for Aruba ClearPass Policy Manager – 500 endpoints
LIC-CP-OB-1K	Onboard for Aruba ClearPass Policy Manager – 1,000 endpoints
LIC-CP-OB-2500	Onboard for Aruba ClearPass Policy Manager – 2,500 endpoints
LIC-CP-OB-5K	Onboard for Aruba ClearPass Policy Manager – 5,000 endpoints
LIC-CP-OB-10K	Onboard for Aruba ClearPass Policy Manager – 10,000 endpoints
LIC-CP-OB-25K	Onboard for Aruba ClearPass Policy Manager – 25,000 endpoints
LIC-CP-OB-50K	Onboard for Aruba ClearPass Policy Manager – 50,000 endpoints
LIC-CP-OB-100K	Onboard for Aruba ClearPass Policy Manager – 100,000 endpoints
<b>Enterprise Perpetual Part Number</b>	
LIC-CP-EN-xxx*	Enterprise license for ClearPass Policy Manager
<b>Onboard Subscription Part Numbers</b>	
SUB1-CP-OB-xxx*	1 Year Onboard Subscription License for ClearPass Policy Manager
SUB3-CP-OB-xxx*	3 Year Onboard Subscription License for ClearPass Policy Manager
SUB5-CP-OB-xxx*	5 Year Onboard Subscription License for ClearPass Policy Manager
<b>Enterprise Subscription Part Numbers</b>	
SUB1-CP-EN-xxx*	1 Year Enterprise Subscription License for ClearPass Policy Manager
SUB3-CP-EN-xxx*	3 Year Enterprise Subscription License for ClearPass Policy Manager
SUB5-CP-EN-xxx*	5 Year Enterprise Subscription License for ClearPass Policy Manager
<b>Warranty</b>	
Software	90 days**

\* Subscription and enterprise licenses can be purchased in 1-, 3- or 5-year increments for 100, 500, 1,000, 2,500, 5,000, 10,000, 25,000, 50,000, and 100,000 endpoints

\*\* Extended with support contract



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