QuickSpecs

Overview

Aruba ClearPass OnBoard Software
A ClearPass Policy Manager Application

Product overview
Automated mobile device provisioning and configuration for secure BYOD

ClearPass Onboard automatically configures and provisions mobile devices - Windows desktop, macOS, iOS, Android, Chromebook, and Ubuntu - enabling them to securely connect to enterprise networks in support of BYOD initiatives.
IT can automatically give employees, contractors and partners permission to self-configure their personal devices. The ClearPass Onboard portal dynamically detects a device's operating system and guides the user through the appropriate steps.
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 context for troubleshooting, user- and device-based policies and 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 offloading IT and improving the user experience.

Key Features

- Enables users to self-register and securely onboard multiple devices
- Supports Windows, macOS, iOS, Android, Chromebook and Ubuntu operating systems
- Sponsor-based onboarding allows for custom workflows
- Active Directory and cloud identity credential authentication supported
- Automates the configuration of network settings for wired and wireless endpoints
- Unique provisioning and revocation of device- specific credentials and certificates
- Contains built-in certificate authority specifically for BYOD
- Uses profiling to identify device type, manufacturer and model
- Provides BYOD visibility and centralized policy management capabilities
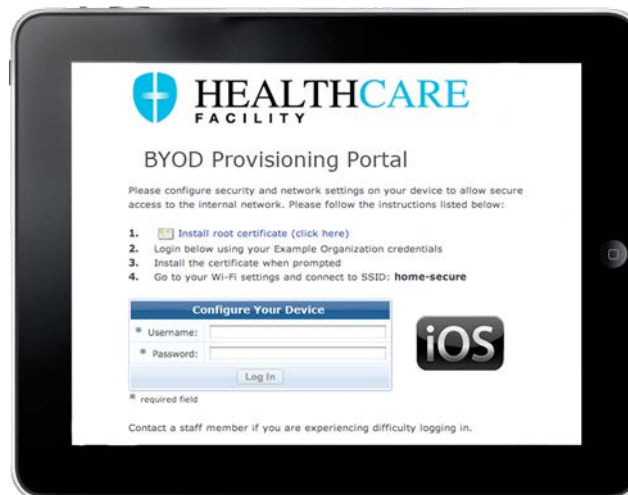
Overview

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 certificate authority (CA).

Automated policy management
With ClearPass, IT can use context collected during onboarding to enforce device type and ownership-based network access policies. Centrally-defined policies also limit the types of devices that can be on-boarded and define which user groups can onboard devices..
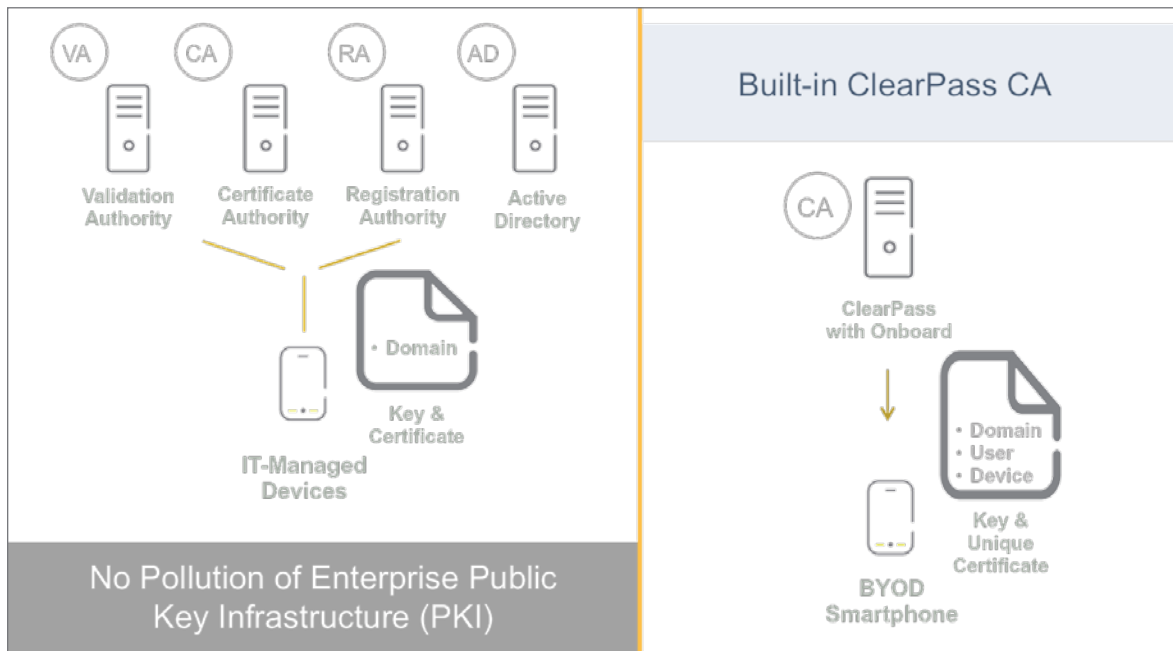
Built-in certificate authority simplifies administration for BYO devices

Flexible workflow options
The onboard configuration process can be managed via IT-enabled and sponsor required workflows. User authentication can prompt for active directory or cloud identity credentials.

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 on-boarded per user and how long their certificates are valid.

Advanced Onboarding Capabilities

Built-in certificate authority for BYOD
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 CA. ClearPass Onboard issued certificates are unique as they also include specific user and device context.
The Onboard CA provides the option to utilize certificate management without the need to make changes to an internal public key infrastructure (PKI) or active directory (AD).
ClearPass also supports the distribution of Onboard generated certificates requested by third-party applications – EMM/MDM using SCEP and EST (RFC 7030) proto

Revocation of unique certificates

Overview

Easy-to-use search and menu-driven capabilities ensure the rapid revocation and deletion of certificates for specific mobile devices if a user leaves a organization or the mobile device is lost or stolen.
Online Certificate Status Protocol (OCSP) supported.

Details of unique credentials for OnBoarded BYOD endpoints

Ordering Guidance

ClearPass Onboard can be ordered via perpetual license or subscription that includes ArubaCare for the length of the subscription.

Ordering ClearPass Onboard involves the following steps:
1. Determine the number of unique users you will provision within your environment.
2. Select the total number of OnBoard licenses.

Additional Onboard capacity can be purchased at any time to meet growth demands. ClearPass Onboard is licensed on a per user basis.

Configuration

Ordering Information*

Description	Part Number
Perpetual Licenses	
Aruba ClearPass Onboard 100 User Licenses E-LTU	JZ436AAE
Aruba ClearPass Onboard 500 User Licenses E-LTU	JZ437AAE
Aruba ClearPass Onboard 1K User Licenses E-LTU	JZ438AAE
Aruba ClearPass Onboard 2500 User Licenses E-LTU	JZ439AAE
Aruba ClearPass Onboard 5K User Licenses E-LTU	JZ440AAE
Aruba ClearPass Onboard 10K User Licenses E-LTU	JZ441AAE
Perpetual Licenses Warranty	
90 days**	Software
Subscription Licenses (1 Year)	
Aruba ClearPass Onboard 100 User Licenses 1-Year Subscription E-STU	JZ445AAE
Aruba ClearPass Onboard 500 User Licenses 1-Year Subscription E-STU	JZ446AAE
Aruba ClearPass Onboard 1K User Licenses 1-Year Subscription E-STU	JZ447AAE
Aruba ClearPass Onboard 2500 User Licenses 1-Year Subscription E-STU	JZ448AAE
Aruba ClearPass Onboard 5K User Licenses 1-Year Subscription E-STU	JZ449AAE
Aruba ClearPass Onboard 10K User Licenses 1-Year Subscription E-STU	JZ450AAE
Aruba ClearPass Onboard 100 User Licenses 3-Year Subscription E-STU	JZ454AAE
Aruba ClearPass Onboard 500 User Licenses 3-Year Subscription E-STU	JZ455AAE
Aruba ClearPass Onboard 1K User Licenses 3-Year Subscription E-STU	JZ456AAE
Aruba ClearPass Onboard 2500 User Licenses 3-Year Subscription E-STU	JZ457AAE
Aruba ClearPass Onboard 5K User Licenses 3-Year Subscription E-STU	JZ458AAE
Aruba ClearPass Onboard 10K User Licenses 3-Year Subscription E-STU	JZ459AAE
Aruba ClearPass Onboard 100 User Licenses 5-Year Subscription E-STU	JZ463AAE
Aruba ClearPass Onboard 500 User Licenses 5-Year Subscription E-STU	JZ464AAE
Aruba ClearPass Onboard 1K User Licenses 5-Year Subscription E-STU	JZ465AAE
Aruba ClearPass Onboard 2500 User Licenses 5-Year Subscription E-STU	JZ466AAE
Aruba ClearPass Onboard 5K User Licenses 5-Year Subscription E-STU	JZ467AAE
Aruba ClearPass Onboard 10K User Licenses 5-Year Subscription E-STU	JZ468AAE

* Subscription and enterprise licenses can be purchased in 1-, 3- or 5-year increments for 100, 500, 1,000, 2,500, 5,000, and 10,000 endpoints
** Extended with support contract

Summary of Changes

Date	Version History	Action	Description of Change
18-Dec-2017	From Version 3 to 4	Changed	Product overview, Advanced Onboarding Capabilities, Ordering Guidance and Ordering Information updated
04-Dec-2017	Form Version 2 to 3	Added	SKUs added: JZ436AAE, JZ437AAE, JZ438AAE, JZ439AAE, JZ440AAE, JZ441AAE, JZ445AAE, JZ446AAE, JZ447AAE, JZ448AAE, JZ449AAE, JZ450AAE, JZ454AAE, JZ455AAE, JZ456AAE, JZ457AAE, JZ458AAE, JZ459AAE, JZ463AAE, JZ464AAE, JZ465AAE, JZ466AAE, JZ467AAE, JZ468AAE
		Changed	All document sections updated
16-Oct-2017	Form Version 1 to 2	Changed	Aruba information updated
01-Nov-2016	Version 1	Created	Document creation.

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