

DATA SHEET

CLEARPASS ONBOARD

Automated mobile device provisioning and configuration for secure BYOD

ClearPass Onboard automatically configures and provisions mobile devices – Windows, 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 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.

THE CLEARPASS ADVANTAGE

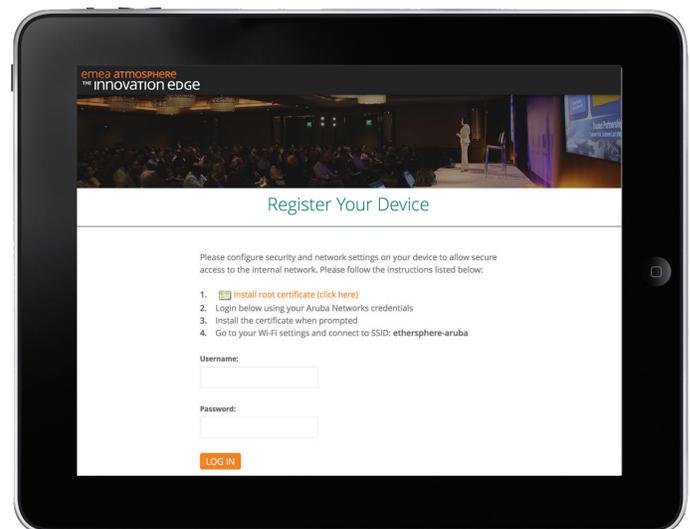
With the industry's most advanced auto-provisioning features, onboarding thousands of devices is amazingly simple via integrated policy management, customizable user-facing portal and built-in certificate authority (CA).

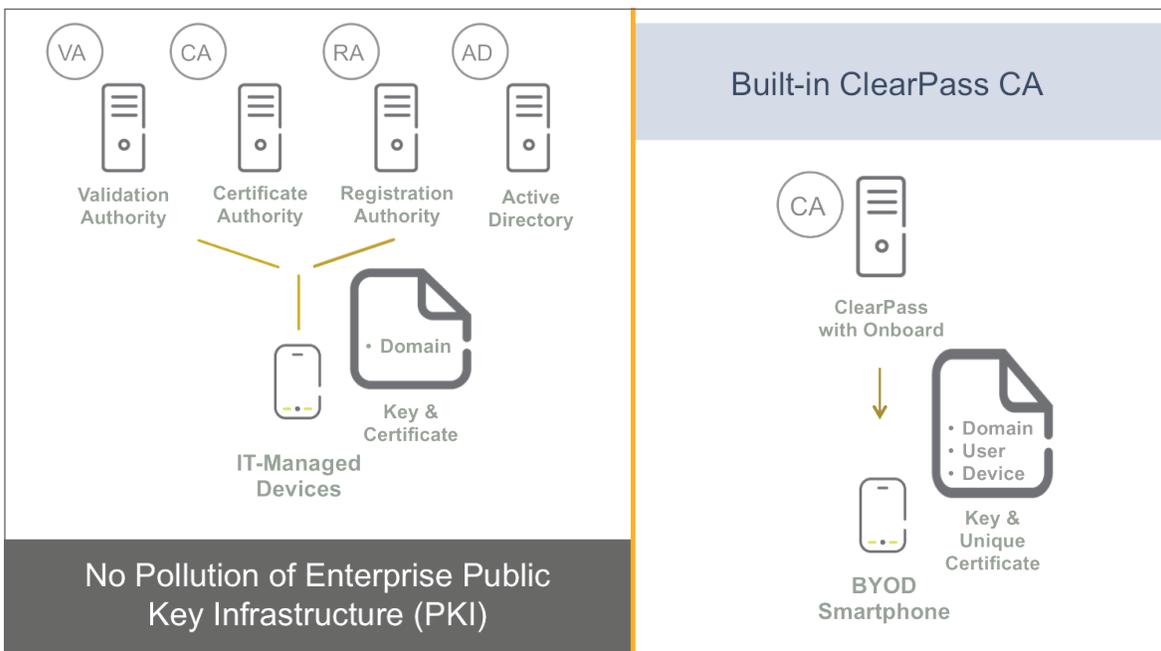
Automated policy management

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.

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





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 initiatives without requiring the implementation of an external CA. ClearPass Onboard issued certificates are unique as they also include specific user and device context.

Certificate Information	
Certificate Details Details about the certificate and its owner.	
Issued To:	[User Icon]
Valid From:	Monday, 15 August 2016, 5:58 AM
Valid To:	Sunday, 10 August 2036, 6:28 AM
Country:	US
Subject:	Locality Santa Clara Organization HPE Aruba
Issuer Details Details about the certificate authority that issued the certificate.	
Issued By:	[User Icon]
Country:	US
Issuer:	Locality Santa Clara Organization HPE Aruba
Advanced Technical information about the certificate.	
Fingerprint:	This is the SHA-1 "fingerprint" or "thumbprint" of the certificate.
Private Key:	2048-bit RSA The type of the private key for this certificate.
Details:	Show

Details of unique credentials for onboarded BYOD endpoints.

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) protocols.

Revocation of unique certificates

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.

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.

ORDERING GUIDANCE

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

ORDERING INFORMATION	
Part Number	Description
Perpetual Licenses	
JZ436AAE	Aruba ClearPass New Licensing Onboard 100 Users E-LTU
JZ437AAE	Aruba ClearPass New Licensing Onboard 500 Users E-LTU
JZ438AAE	Aruba ClearPass New Licensing Onboard 1K Users E-LTU
JZ439AAE	Aruba ClearPass New Licensing Onboard 2500 Users E-LTU
JZ440AAE	Aruba ClearPass New Licensing Onboard 5K Users E-LTU
JZ441AAE	Aruba ClearPass New Licensing Onboard 10K Users E-LTU
JZ442AAE	Aruba ClearPass New Licensing Onboard 25K Users E-LTU
JZ443AAE	Aruba ClearPass New Licensing Onboard 50K Users E-LTU
JZ444AAE	Aruba ClearPass New Licensing Onboard 100K Users E-LTU
Perpetual Licenses Warranty	
Software	90 days*
Subscription Licenses (1 Year)	
JZ445AAE	Aruba ClearPass New Licensing Onboard 100 Users 1yr E-STU
JZ446AAE	Aruba ClearPass New Licensing Onboard 500 Users 1yr E-STU
JZ447AAE	Aruba ClearPass New Licensing Onboard 1K Users 1yr E-STU
JZ448AAE	Aruba ClearPass New Licensing Onboard 2500 Users 1yr E-STU
JZ449AAE	Aruba ClearPass New Licensing Onboard 5K Users 1yr E-STU
JZ450AAE	Aruba ClearPass New Licensing Onboard 10K Users 1yr E-STU
JZ451AAE	Aruba ClearPass New Licensing Onboard 25K Users 1yr E-STU
JZ452AAE	Aruba ClearPass New Licensing Onboard 50K Users 1yr E-STU
JZ453AAE	Aruba ClearPass New Licensing Onboard 100K Users 1yr E-STU

* Extended with support contract

ORDERING INFORMATION	
Part Number	Description
Subscription Licenses (3 Year)	
JZ454AAE	Aruba ClearPass New Licensing Onboard 100 Users 3yr E-STU
JZ455AAE	Aruba ClearPass New Licensing Onboard 500 Users 3yr E-STU
JZ456AAE	Aruba ClearPass New Licensing Onboard 1K Users 3yr E-STU
JZ457AAE	Aruba ClearPass New Licensing Onboard 2,500 Users 3yr E-STU
JZ458AAE	Aruba ClearPass New Licensing Onboard 5K Users 3yr E-STU
JZ459AAE	Aruba ClearPass New Licensing Onboard 10K Users 3yr E-STU
JZ460AAE	Aruba ClearPass New Licensing Onboard 25K Users 3yr E-STU
JZ461AAE	Aruba ClearPass New Licensing Onboard 50K Users 3yr E-STU
JZ462AAE	Aruba ClearPass New Licensing Onboard 100K Users 3yr E-STU
Subscription Licenses (5 Year)	
JZ463AAE	Aruba ClearPass New Licensing Onboard 100 Users 5yr E-STU
JZ464AAE	Aruba ClearPass New Licensing Onboard 500 Users 5yr E-STU
JZ465AAE	Aruba ClearPass New Licensing Onboard 1K Users 5yr E-STU
JZ466AAE	Aruba ClearPass New Licensing Onboard 2,500 Users 5yr E-STU
JZ467AAE	Aruba ClearPass New Licensing Onboard 5K Users 5yr E-STU
JZ468AAE	Aruba ClearPass New Licensing Onboard 10K Users 5yr E-STU
JZ469AAE	Aruba ClearPass New Licensing Onboard 25K Users 5yr E-STU
JZ470AAE	Aruba ClearPass New Licensing Onboard 50K Users 5yr E-STU
JZ471AAE	Aruba ClearPass New Licensing Onboard 100K Users 5yr E-STU

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