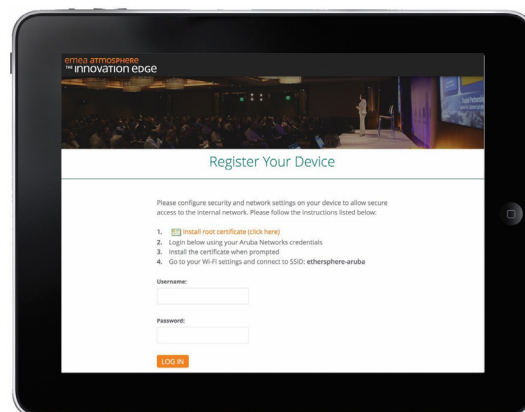


HPE Aruba Networking ClearPass OnBoard

A ClearPass Policy Manager application



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

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).

Key features

- 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

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.

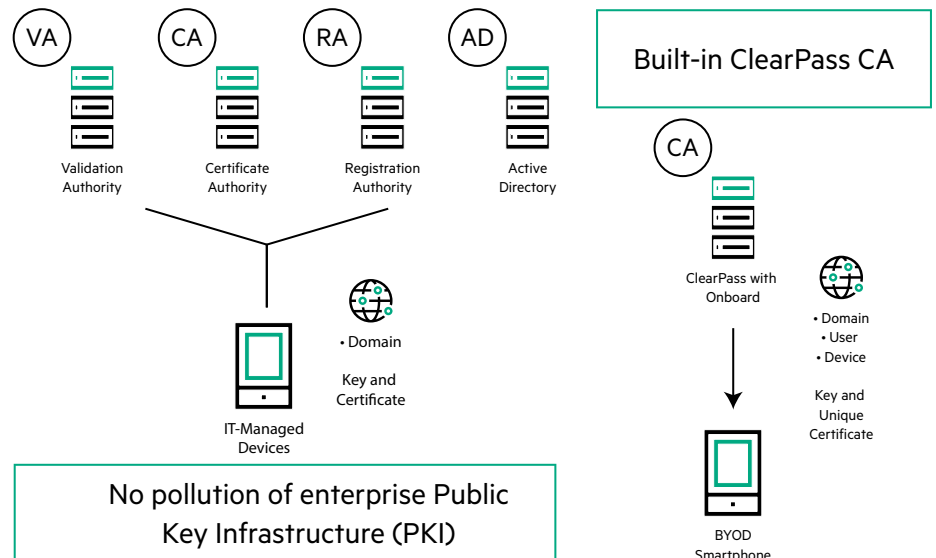


Figure 1. Built-in certificate authority simplifies administration for BYO devices

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.

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.

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

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
Subject:	Country US Locality Santa Clara Organization HPE Aruba
Issuer Details Details about the certificate authority that issued the certificate.	
Issued By:	[User Icon]
Issuer:	Country US 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

Figure 2. 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 guidance

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

Ordering ClearPass Onboard involves the following steps:

- Determine the number of unique users you will provision within your environment.
- 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.

Table 1. Ordering information

Part number	Description
Perpetual licenses	
JZ436AAE	HPE Aruba Networking ClearPass - Onboard License 100 Users E-LTU
JZ437AAE	HPE Aruba Networking ClearPass - Onboard License 500 Users E-LTU
JZ438AAE	HPE Aruba Networking ClearPass - Onboard License 1K Users E-LTU
JZ439AAE	HPE Aruba Networking ClearPass - Onboard License 2500 Users E-LTU
JZ440AAE	HPE Aruba Networking ClearPass - Onboard License 5K Users E-LTU
JZ441AAE	HPE Aruba Networking ClearPass - Onboard License 10K Users E-LTU
JZ442AAE	HPE Aruba Networking ClearPass - Onboard License 25K Users E-LTU
JZ443AAE	HPE Aruba Networking ClearPass - Onboard License 50K Users E-LTU
JZ444AAE	HPE Aruba Networking ClearPass - Onboard License 100K Users E-LTU
Perpetual licenses warranty	
Software	90 days*
Subscription licenses (1 year)	
JZ445AAE	HPE Aruba Networking ClearPass - Onboard License 100 Users 1-year Subscription E-STU
JZ446AAE	HPE Aruba Networking ClearPass - Onboard License 500 Users 1-year Subscription E-STU

* Extended with support contract



Table 1. Ordering information

Part number	Description
Subscription licenses (1 year)	
JZ447AAE	HPE Aruba Networking ClearPass - Onboard License 1K Users 1-year Subscription E-STU
JZ448AAE	HPE Aruba Networking ClearPass - Onboard License 2500 Users 1-year Subscription E-STU
JZ449AAE	HPE Aruba Networking ClearPass - Onboard License 5K Users 1-year Subscription E-STU
JZ450AAE	HPE Aruba Networking ClearPass - Onboard License 10K Users 1-year Subscription E-STU
JZ451AAE	HPE Aruba Networking ClearPass - Onboard License 25K Users 1-year Subscription E-STU
JZ452AAE	HPE Aruba Networking ClearPass - Onboard License 50K Users 1-year Subscription E-STU
JZ453AAE	HPE Aruba Networking ClearPass - Onboard License 100K Users 1-year Subscription E-STU
Subscription licenses (3 year)	
JZ454AAE	HPE Aruba Networking ClearPass - Onboard License 100 Users 3-year Subscription E-STU
JZ455AAE	HPE Aruba Networking ClearPass - Onboard License 500 Users 3-year Subscription E-STU
JZ456AAE	HPE Aruba Networking ClearPass - Onboard License 1K Users 3-year Subscription E-STU
JZ457AAE	HPE Aruba Networking ClearPass - Onboard License 2500 Users 3-year Subscription E-STU
JZ458AAE	HPE Aruba Networking ClearPass - Onboard License 5K Users 3-year Subscription E-STU
JZ459AAE	HPE Aruba Networking ClearPass - Onboard License 10K Users 3-year Subscription E-STU
JZ460AAE	HPE Aruba Networking ClearPass - Onboard License 25K Users 3-year Subscription E-STU
JZ461AAE	HPE Aruba Networking ClearPass - Onboard License 50K Users 3-year Subscription E-STU
JZ462AAE	HPE Aruba Networking ClearPass - Onboard License 100K Users 3-year Subscription E-STU



Table 1. Ordering information

Part number	Description
Subscription licenses (5 year)	
JZ463AAE	HPE Aruba Networking ClearPass - Onboard License 100 Users 5-year Subscription E-STU
JZ464AAE	HPE Aruba Networking ClearPass - Onboard License 500 Users 5-year Subscription E-STU
JZ465AAE	HPE Aruba Networking ClearPass - Onboard License 1K Users 5-year Subscription E-STU
JZ466AAE	HPE Aruba Networking ClearPass - Onboard License 2500 Users 5-year Subscription E-STU
JZ467AAE	HPE Aruba Networking ClearPass - Onboard License 5K Users 5-year Subscription E-STU
JZ468AAE	HPE Aruba Networking ClearPass - Onboard License 10K Users 5-year Subscription E-STU
JZ469AAE	HPE Aruba Networking ClearPass - Onboard License 25K Users 5-year Subscription E-STU
JZ470AAE	HPE Aruba Networking ClearPass - Onboard License 50K Users 5-year Subscription E-STU
JZ471AAE	HPE Aruba Networking ClearPass - Onboard License 100K Users 5-year Subscription E-STU

Make the right purchase decision.
Contact our presales specialists.

