QuickSpecs

Overview

Aruba ClearPass OnGuard Software
Enterprise-class endpoint protection, posture assessments and health checks

Product overview

ClearPass OnGuard agents perform advanced endpoint posture assessments on leading computer operating systems to ensure compliance is met before devices connect.

Running on the Aruba ClearPass Policy Manager platform, the advanced network access control (NAC) framework in ClearPass OnGuard offers exceptional safeguards against vulnerabilities.

The following operating systems and versions are supported:

- Microsoft - Support for Windows 7 and above.
    - Can be run as a service.
- Apple - Support for macOS X 10.10 and above.
- Linux - Support for Red Hat Enterprise Linux 5 and above, Ubuntu 14.x LTS and 16.x LTS, Community Enterprise Operating System (CentOS) 5 and above, Fedora Core 24 and above, and SUSE Linux 12.x.

Supported agents:

|	OnGuard Persistent Agent	OnGuard Dissolvable Agent	Microsoft's NAP
Microsoft	X	X	X
Apple	X	X	
Linux	X*	X	

NOTE: Auto-remediation only supported by persistent agents
* Persistent agent supported on Ubuntu endpoints running 14.x LTS or 16.x LTS

Key Features
- Enhanced capabilities for endpoint compliance and control
- Supports Microsoft, Apple, and Linux operating systems
- Anti-virus, firewall checks and more
- Optional auto-remediation and quarantine capabilities
- System-wide endpoint messaging, notifications and session control
- Centrally view the online status of all devices from the ClearPass Policy Manager platform

Hewlett Packard Enterprise

Overview
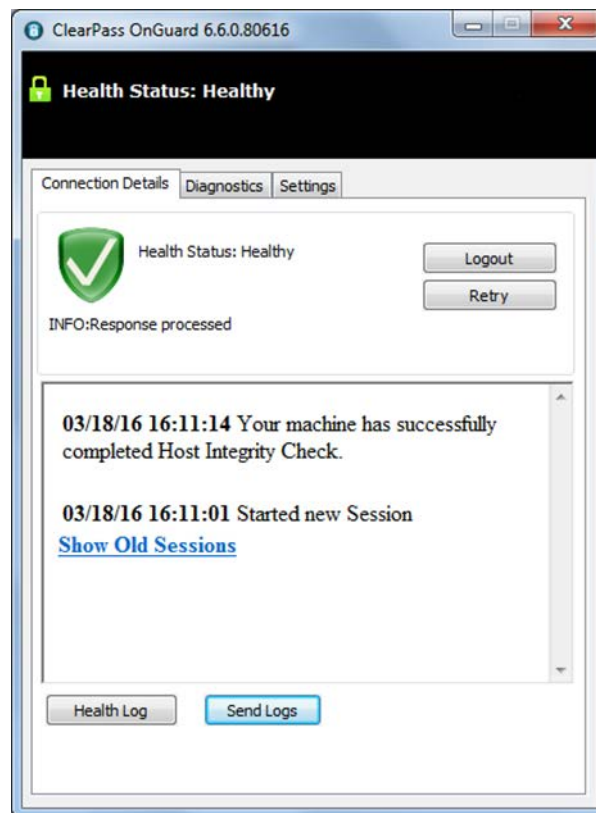
Successful wireless authentication of a Windows 7 device

The ClearPass Advantage

In addition to anti-virus, anti-spyware and personal firewall audits performed by traditional NAC products, OnGuard agents can perform more granular posture and health checks to ensure a greater level of endpoint compliance and network authorization.

Persistent and dissolvable agents

The difference between the two is that the persistent agent provides nonstop monitoring and automatic remediation and control. When running persistent OnGuard agents, ClearPass Policy Manager can centrally send system-wide notifications and alerts, and allow or deny network access based on real-time changes on the endpoint. The persistent agent also supports auto and manual remediation.

Alternatively, the web-based dissolvable agent is ideal for personal, non-IT issued devices that connect via a captive portal and do not allow agents to be permanently installed. A one-time check at login ensures policy compliance. Devices not meeting compliance can be redirected to a captive portal for manual remediation.

Automatic remediation

If unhealthy endpoints do not meet compliance requirements, the user receives a message about the endpoint status and instructions on how to achieve compliance if auto-remediation is not used.

Messages can include reasons for remediation, links to helpful URLs and helpdesk contact information. ClearPass persistent agents provide the same message and remediation capabilities for 802.1X and combined environments.
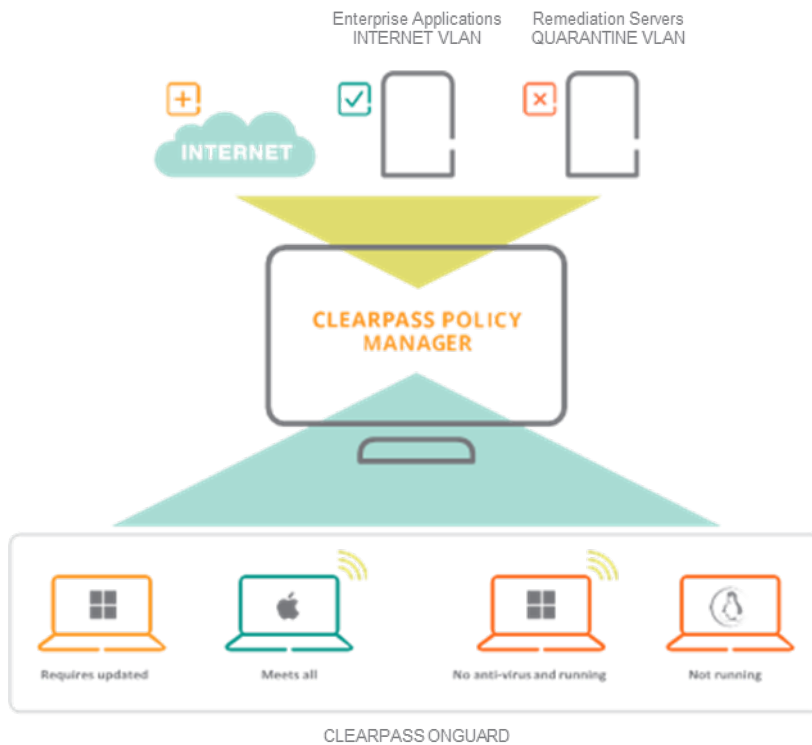
IT-managed and BYOD endpoint compliance

OnGuard's persistent and dissolvable agents can be used together in environments where endpoints are owned by the organization, employees and visitors. This ensures that all devices are assessed and granted proper privileges before accessing the network.

Overview
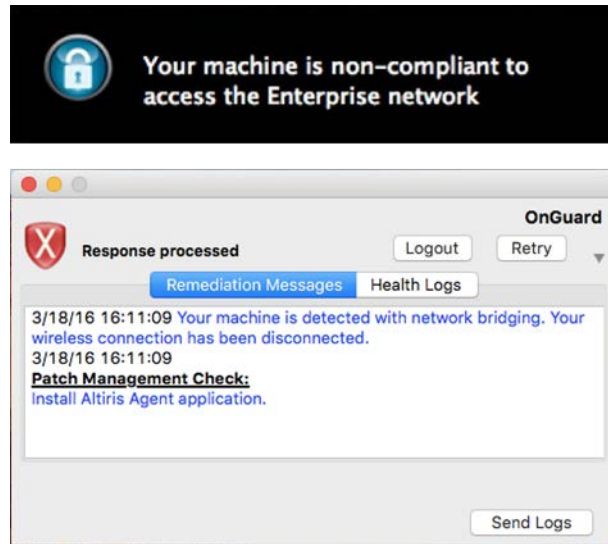
Detailed Mac OS X quarantine messages

Persistent and dissolvable agents can be used for endpoint health checks

Complete endpoint visibility

To simplify troubleshooting, endpoint control and compliance reporting, ClearPass Policy Manager allows IT to centrally manage health-check settings and policies. IT also has the ability to view endpoint activity, including user and device data for each device that connects using OnGuard agents.

Real-time endpoint compliance

Depending on operating system type OnGuard performs the following level of posture and health checks.

Overview

	Windows	Mac OS X	Linux
Installed Applications	X	X	
AntiVirus	X	X	X
Firewall	X	X	
Disk Encryption	X	X	
Network Connections	X	X	
Processes	X	X	
Patch Management	X	X	
Peer to Peer	X	X	
Services	X	X	X
Virtual Machines	X	X	
Windows Hotfixes	X		
USB Devices	X	X	
File Check	X	X	

*Chart represents ClearPass version 6.7 functionality.
**Disclaimer: Not all checks are supported across operating systems and agent type.
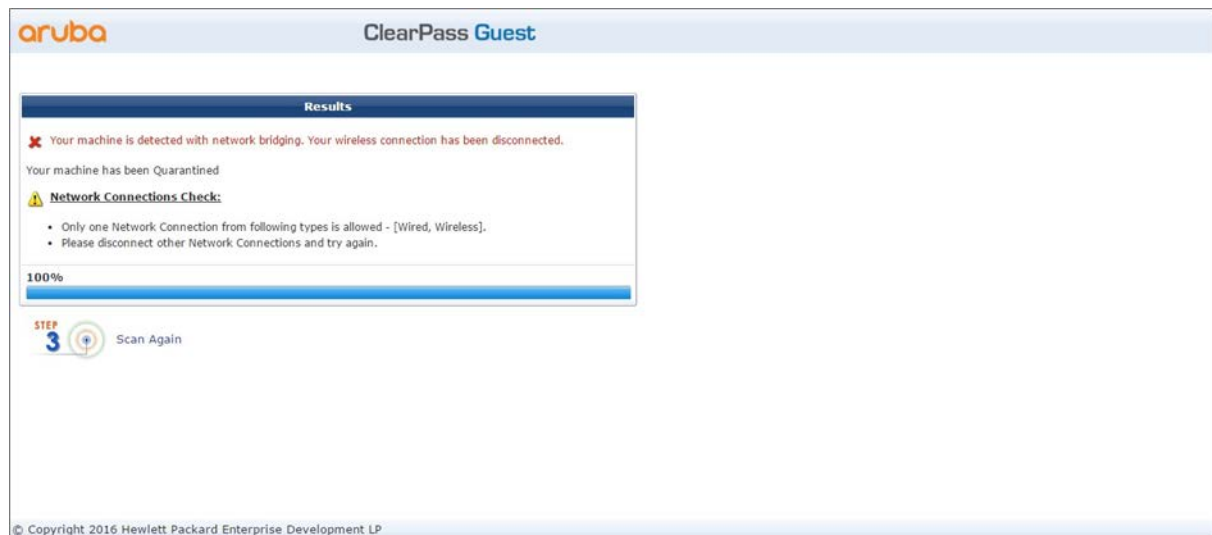
Centralized view of endpoints OnGuard activity

Ordering Guidance

ClearPass OnGuard can be ordered via persistent licenses where support is separate or by subscription licenses that include ArubaCare support.

Ordering ClearPass OnGuard involves the following steps:
1. Determine the number of unique computer endpoints that will have posture/health checks performed prior to network access within your environment.
2. Select the total number of OnGuard licenses.

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

Configuration

Ordering Information

Description	Part Number
Perpetual Licenses	
Aruba ClearPass OnGuard 100 Endpoint Licenses E-LTU	JZ472AAE
Aruba ClearPass OnGuard 500 Endpoint License E-LTU	JZ473AAE
Aruba ClearPass OnGuard 1K Endpoint License E-LTU	JZ474AAE
Aruba ClearPass OnGuard 2500 Endpoint License E-LTU	JZ475AAE
Aruba ClearPass OnGuard 5K Endpoint License E-LTU	JZ476AAE
Aruba ClearPass OnGuard 10K Endpoint License E-LTU	JZ477AAE
Perpetual Licenses Warranty	
90 days**	Software
Subscription Licenses	
Aruba ClearPass OnGuard 100 Endpoint Licenses 1-Year Subscription E-STU	JZ481AAE
Aruba ClearPass OnGuard 500 Endpoint Licenses 1-Year Subscription E-STU	JZ482AAE
Aruba ClearPass OnGuard 1K Endpoint Licenses 1-Year Subscription E-STU	JZ483AAE
Aruba ClearPass OnGuard 2500 Endpoint Licenses 1-Year Subscription E-STU	JZ484AAE
Aruba ClearPass OnGuard 5K Endpoint Licenses 1-Year Subscription E-STU	JZ485AAE
Aruba ClearPass OnGuard 10K Endpoint Licenses 1-Year Subscription E-STU	JZ486AAE
Aruba ClearPass OnGuard 100 Endpoint Licenses 3-Year Subscription E-STU	JZ490AAE
Aruba ClearPass OnGuard 500 Endpoint Licenses 3-Year Subscription E-STU	JZ491AAE
Aruba ClearPass OnGuard 1K Endpoint Licenses 3-Year Subscription E-STU	JZ492AAE
Aruba ClearPass OnGuard 1500 Endpoint Licenses 3-Year Subscription E-STU	JZ493AAE
Aruba ClearPass OnGuard 5K Endpoint Licenses 3-Year Subscription E-STU	JZ494AAE
Aruba ClearPass OnGuard 10K Endpoint Licenses 3-Year Subscription E-STU	JZ495AAE

*Subscription and enterprise licenses can be purchased in 1- or 3--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	Minor edit on Configuration section
04-Dec-2017	From Version 2 to 3	Added	SKUs added: JZ472AAE, JZ473AAE, JZ474AAE, JZ475AAE, JZ476AAE, JZ477AAE, JZ481AAE, JZ482AAE, JZ483AAE, JZ484AAE, JZ485AAE, JZ486AAE, JZ490AAE, JZ491AAE, JZ492AAE, JZ493AAE, JZ494AAE, JZ495AAE
		Changed	All document sections updated
16-Oct-2017	From Version 1 to 2	Changed	Aruba information updated
01-Nov-2016	Version 1	Created	Document creation.

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