

DATA SHEET

CLEARPASS ONGUARD

Enterprise-class endpoint protection, posture assessments and health checks

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 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 Agent
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

THE CLEARPASS ADVANTAGE

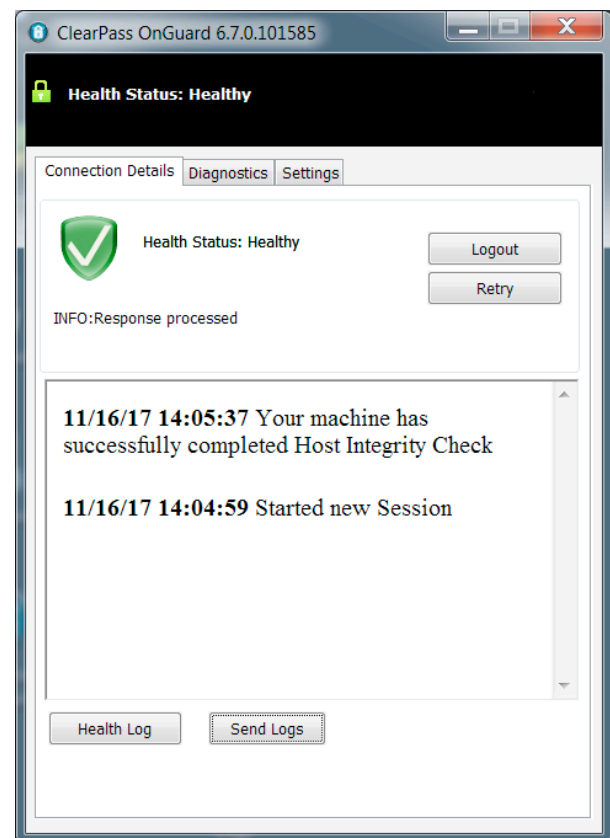
In addition to anti-virus, anti-spyware and personal firewall audits performed by traditional NAC products, OnGuard agents can perform more granular posture and health checks, to ensure a greater level of endpoint compliance and network authorization.

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.

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



Successful wireless authentication of a Windows 7 device.

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.

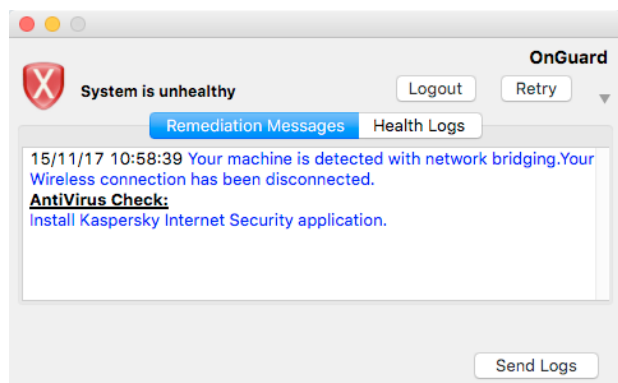
Automatic remediation

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 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.



Detailed macOS posture message

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.

	Windows	macOS	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.

ORDERING GUIDANCE

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

Ordering ClearPass OnGuard involves the following three 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.

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

* Extended with support contract



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