aruba

a Hewlett Packard
Enterprise company

PARTNER SOLUTION OVERVIEW

Aruba & Jamf Pro
Securing Apple Devices In The Enterprise

Corporate devices are a vulnerable attack surface that network administrators need to monitor. These devices may not be properly configured for enterprise use, carry malware, and risk revealing company confidential Information if stolen. According to IBM, only 38% of global organizations are equipped to handle a cyber-attack. Apple devices are more prevalent in today's enterprise environments than ever before. Businesses require an enterprise solution that can identify, monitor, and secure Apple devices on the corporate network.

Aruba ClearPass Policy Manager provides role-based, centrally-managed network access control for all devices on the network. Granular policy enforcement is based on a user's role, device type and role, authentication method, MDM attributes, device health, traffic patterns, location, and time-of-day.

WHY ARUBA AND JAMF
- Inventory, deploy, and secure all Apple devices in an enterprise environment
- Prevent misconfigured devices from connecting to and compromising the network
- Quarantine or remediate devices that don't meet corporate standards
- Aruba validated interoperability

Aruba has partnered with Jamf to integrate Aruba ClearPass Policy Manager with Jamf Pro, an enterprise mobile device management solution (MDM) that is tailored for Apple devices. Jamf Pro makes deploying, taking inventory, and securing Apple devices simple for IT teams. Together, Aruba and Jamf offer a joint solution that simplifies the creation and enforcement of policies to ensure peace of mind for network teams.
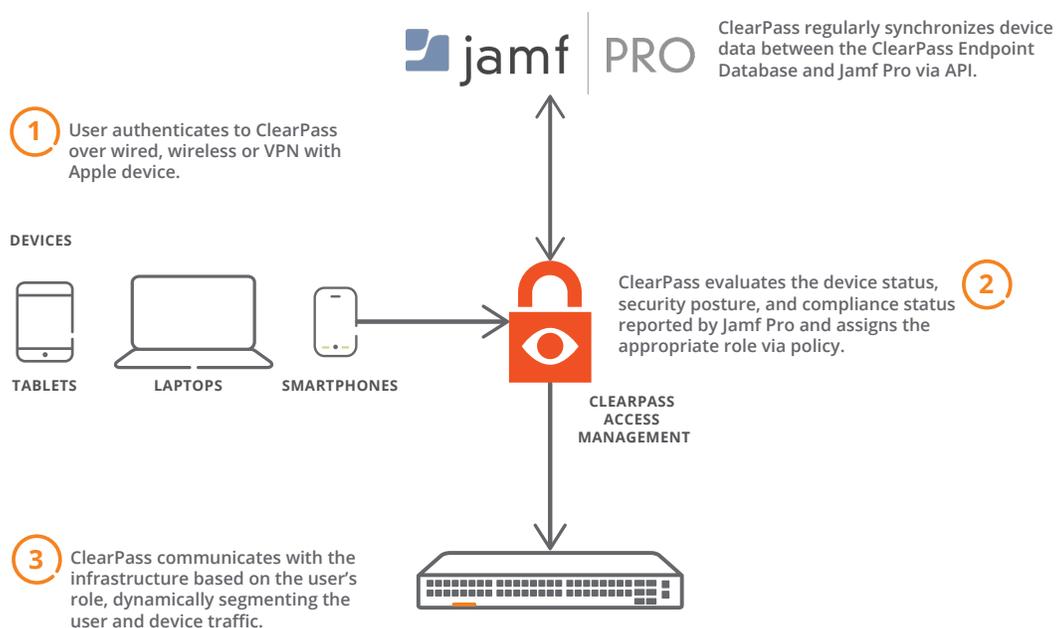
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ClearPass regularly synchronizes device data between the ClearPass Endpoint Database and Jamf Pro via API.

1 User authenticates to ClearPass over wired, wireless or VPN with Apple device.

DEVICES

TABLETS   LAPTOPS   SMARTPHONES

2 ClearPass evaluates the device status, security posture, and compliance status reported by Jamf Pro and assigns the appropriate role via policy.

CLEARPASS ACCESS MANAGEMENT

3 ClearPass communicates with the infrastructure based on the user's role, dynamically segmenting the user and device traffic.

Figure 1: Aruba and Jamf Pro joint solution diagram

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HOW IT WORKS

When an Apple device attempts to connect to the network, mutually authenticated API exchanges endpoint data to improve ClearPass' automated policy-based access decisions. The API also allows ClearPass to ingest all known Apple endpoints from Jamf Pro, which continuously scans all Apple devices on the network to check for compliance against corporate policies. This provides an authoritative source for the security posture and policy compliance state of Apple endpoints on the network.

IT can quickly assess whether a device should be allowed on the network and what level of access it should have. The result is consistent enforcement of passcode compliance, iCloud backup, and Apple device management.

CERTIFIED INTEROPERABILITY

We've certified the interoperability of ClearPass Policy Manager and Jamf Pro to deliver an enhanced level of security for users and devices. There are two options to deploy the integration. Either use the built-in Jamf Pro integration or use the new ClearPass Jamf Pro Extension. Either method takes less than 5 minutes to set up. Joint deployments are faster to set up and easier to maintain.

SUMMARY

Working In tandem, Aruba's secure infrastructure and Jamf's mobile device management platform are the ideal way to connect and protect Apple devices on your network. Contact your local sales representative to see how Aruba and Jamf provide secure enterprise Apple mobile device management and network access

For more information on Aruba ClearPass, please visit: https://www.arubanetworks.com/products/security/network-access-control/

DEPEND ON JAMF PRO

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Jamf provides Mac, iPad, iPhone, and Apple TV solutions for any business, government institution or school, at any scale. They are based in Minneapolis, Minnesota.

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