

PARTNER SOLUTION OVERVIEW

Aruba and Check Point

Branching Out: Security from the Branch to the Cloud

OVERVIEW

A common network architecture today is to tunnel traffic between branch locations and HQ over either MPLS or dedicated encrypted VPN links. Yet, with more services moving to the cloud, it makes less sense to tunnel traffic back to a central point before reaching the eventual endpoint, as this can result in increased latency, bandwidth consumption, and MPLS expenses.

Software-Defined Wide Area Networks (SD-WAN) can help simplify, optimize, and control multiple local branch office deployments of a corporate network or data center to address these challenges. One key benefit of SD-WAN networks is the ability to redirect branch Internet traffic directly to the Internet, without having to backhaul the traffic back to the main data center first.

However, allowing traffic directly between devices in the branch and the Internet may introduce new security issues. Security is a top concern for enterprises implementing WAN and SD-WAN solutions. So, how do organizations reap the benefits of deploying SD-WAN out to multiple branch locations while still providing a high level of security, with security policies and standards applied across branches? Aruba and Check Point have partnered to address this challenge.

BETTER TOGETHER

The Aruba SD-Branch solution can integrate with best-of-breed third-party security infrastructure solutions, such as CloudGuard Connect from Check Point. Check Point CloudGuard Connect is a cloud-hosted network threat prevention service offering a maintenance-free, comprehensive, affordable security solution for remote sites and branch offices. It seamlessly delivers the latest and most comprehensive cyber security available, protecting branch offices from the latest generation of targeted and advanced cyber threats.

WHY ARUBA AND CHECK POINT

- Unified security management for campus and branch networks
- Automated tunnel configuration between both solutions
- Intelligent routing of traffic based on user role and application
- Context-aware security policies driven by Aruba ClearPass
- Zero-day threat detection and prevention at the branch
- Top-rated cloud-based threat prevention
- Aruba validated interoperability between Aruba SD-Branch and Check Point CloudGuard Connect

With the integration of Aruba SD-Branch and Check Point CloudGuard Connect, this integrated solution seeks to offer enterprise-grade advanced threat protection in a centralized and scalable manner, while preserving the benefits derived from modern SD-WAN deployments.

HOW IT WORKS

The integration between the Aruba SD-Branch Gateways and Check Point CloudGuard Connect makes it possible to set up a secure connection between branch networks and one or several Check Point cloud-hosted inspection and enforcement points. The Aruba Branch Gateway (BGW) can bring up secure tunnels to these cloud security services and redirect selected traffic flows through them to provide advanced threat protection while preserving efficiency and scalability. Aruba understands that for large organizations, the manual creation of these tunnels required to connect every site to the nearest CloudGuard Connect node is labor intensive.



To streamline and simplify the onboarding of sites into CloudGuard Connect, Aruba has extended the capabilities of the SD-WAN orchestrator to automatically negotiate tunnel establishment between gateways and the closest CloudGuard Connect node. These extensions use direct API calls from Aruba SD-Branch to Check Point CloudGuard Connect, and reduce the deployment time from hours or days to minutes. Certified Interoperability

This integration has been certified under the Aruba 360 Security Exchange technology partner program and is easy and quick to deploy. All tunnels, security policies and routing can be accessed and configured via Aruba Central, the centralized cloud-based platform for managing your SD-Branch infrastructure.

SUMMARY

Aruba and Check Point have taken the guess work out of protecting branch network operations, and have partnered to provide an integrated and secure SD-WAN branch office solution that is automated, scalable, and cost-effective. Contact your local sales representative to see how Aruba and Check Point deliver a comprehensive branch office infrastructure and security solution.

For more information on the Aruba SD-Branch solution, please visit: <https://www.arubanetworks.com/solutions/sd-branch>



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