algosec

SECURITY POLICY MANAGEMENT FOR THE HYBRID CLOUD ENVIRONMENT

Many organizations are now extending their on-premise data centers to public cloud Infrastructure-as-a-Service (Iaas) platforms in order to maximize business agility and reduce costs. But with new cloud security controls and network architectures that are very different to on-premise data centers Security, Operations and Applications teams are struggling to migrate and manage business application connectivity across hybrid application architectures.

amazon web services

Windows Azure

vmware vCLOUD

Key Challenges

- Identifying each business application's connectivity requirements, before migration.
- Translating on-premise connectivity in the form of firewall and router rules into cloud security controls such as Amazon Security Groups.
- A lack of unified visibility across the hybrid environment.
- Manual and error-prone change management processes.
- Ensuring regulatory and corporate compliance.

Security Policy Management for the Hybrid Cloud Environment

The AlgoSec Security Management Solution delivers unified security policy management across traditional and next-generation firewalls deployed on-premise, and security controls on private and on public clouds.

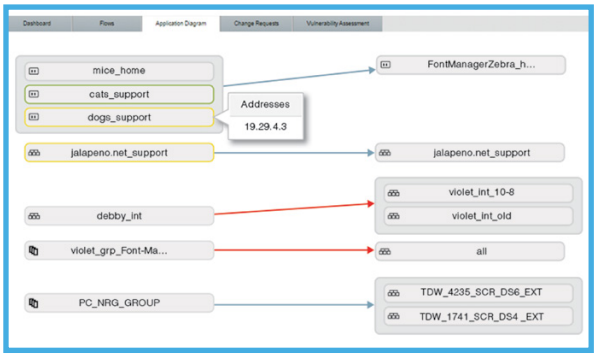
With the AlgoSec, you can now seamlessly extend your security policy management to critical business applications deployed on AWS, Microsoft Azure and VMware vCloud, and ensure that your entire enterprise environment is fully secure and compliant. AlgoSec supports the entire security policy management lifecycle — from application connectivity discovery and migration through ongoing maintenance and compliance, to decommissioning.

Highlights

- Accelerate application migration to the public cloud
- Manage on-premise firewalls and cloud security controls in a single pane
- Automate security policy change management to eliminate misconfigurations
- Ensure security and compliance across the hybrid environment

Discover

AlgoSec can automatically identify all the underlying network infrastructure, including security devices and connectivity flows, for each application you want to migrate. This information is critical in order to accurately plan the migration process to support business requirements.



Simulate and Plan

Once the existing network infrastructure is known, AlgoSec can simulate and assess the impact of the planned architecture on connectivity, performance, complexity and compliance. With this information you can uncover and address any problems before the actual migration process, and plan for a successful migration.

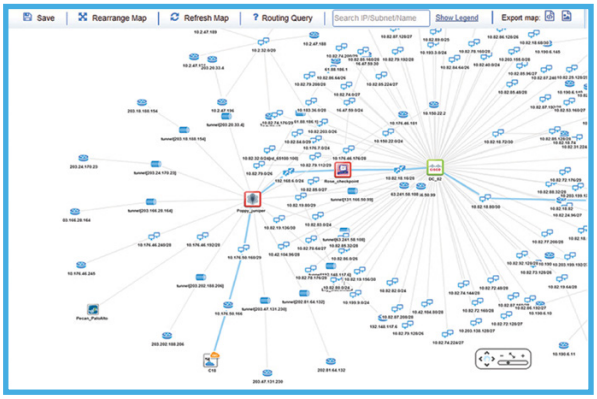
Migrate

When you're ready to migrate, AlgoSec's easy-to-use workflows can navigate you through the entire migration process. AlgoSec provides recommendations on how to modify the connectivity flows, including changes to firewall and router rules and cloud based controls. It then automates the entire change management and migration process, simplifying extremely complex and risky processes, and saving significant time and effort.

Manage

Following migration to the public cloud, AlgoSec can automatically unify and manage your security policy across the entire hybrid environment:

- Get full visibility across the entire enterprise environment in a single console.
- Automatically manage changes to on-premise network security policies alongside cloud security controls, and eliminate misconfigurations and rework.
- Track all changes and ensure they adhere to the corporate security policy.
- Automatically assess risk to detect unauthorized or risky changes, and inefficient or unnecessary policies.
- Instantly generate compliance reports for regulatory standards and corporate policies.



Supported Cloud Platforms

amazon web services
Windows Azure
vmware vCLOUD

Supported Network Security Vendors

Check Point SOFTWARE TECHNOLOGIES LTD.
paloalto NETWORKS
CISCO
FORTINET
JUNIPER NETWORKS
vmware
FORCEPOINT
BLUE COAT
F5
AVAYA
BROCADE
DELL SONICWALL
Hillstone NETWORKS
WatchGuard

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