ALGOSEC CLOUDFLOW
CLOUD SECURITY CONFIGURATION AND POLICY MANAGEMENT

AlgoSec CloudFlow provides security management across the multi-cloud estate with instant visibility, risk assessment, and central policy management.

As organizations adopt cloud strategies and migrate applications to take advantage of cloud economies of scale, they face increased complexity and risk. Security controls and network architectures from leading cloud vendors are distinct and do not provide unified central cloud management.

Cloud Security Main Challenges

IT and Security staff find it difficult to create and maintain security in the cloud due to:

COMPLEXITY of multiple layers of security controls including cloud providers' built-in security controls, such as security groups and network ACLs, impacts security posture. Misconfigurations can introduce security risks across various assets, including IaaS and PaaS.

MULTIPLE PUBLIC CLOUDS from AWS and Azure. Security professionals are challenged by the need to understand their differences while managing them separately using multiple consoles and diverse tools.

MULTIPLE STAKEHOLDERS managing cloud deployment. Unlike on-premises networks where policies are typically managed by security teams, in the cloud, stakeholders, such as application developers, DevOps, cloud teams, manage changes to cloud configurations and security rules, challenging consistency and control, and increasing the risk of misconfigurations.

Key Business Benefits

- Enhance visibility across the multi-cloud estate with central management
- Manage cloud-security posture and reduce configuration risks
- Secure change management at the speed of cloud deployment
- Reduce manual labor, errors, and their associated risks and costs
- Cleanup unused network security rules to reduce attack vector and better utilize resources

CloudFlow Advantages

- Unified view of the entire multi-cloud estate from a single console
- Manage multiple layers of cloud security controls and proactively detect misconfigurations
- Minimize the attack surface by identifying risks and helping to mitigate them
- Identify unused security rules and have the confidence to remove them.

### Cloud Network Security Under One Unified Umbrella

AlgoSec CloudFlow enables effective security management of the various security control layers across the multi-cloud estate. CloudFlow offers instant visibility, risk assessment, and central policy management, enabling a unified and secure security control posture, proactively detecting misconfigurations.

Manage the Multi-Cloud Security Environment

CloudFlow is an agentless SaaS solution and is easy to on-board in minutes. It offers immediate ROI and significant improvements to your security operations to solve the multi-cloud security management challenges.

Continuous Visibility. CloudFlow provides holistic visibility for all of your cloud accounts assets and security controls.

Risk Management. Proactively detect misconfigurations to protect cloud assets, including cloud instances, databases, and serverless functions. Identify risky rules and their last usage date to gain the comfort to remove them so that you can avoid data breaches and improve your overall security posture.
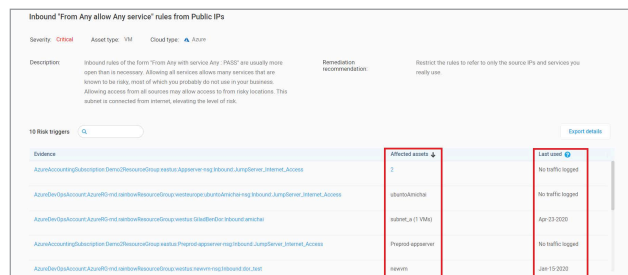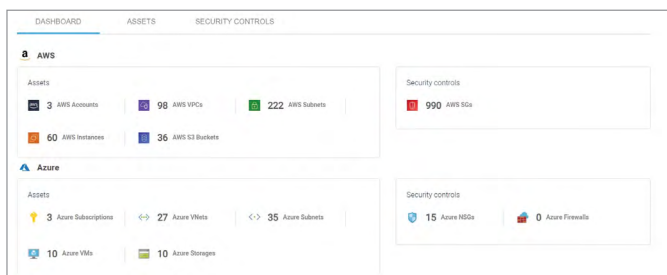
Central Management of Security Policies. Manage network security controls, such as security groups and Azure Firewalls, in one system across multiple clouds, accounts, regions and VPC/VNETs. Manage similar security controls in a single security policy so you can save time and prevent misconfigurations.
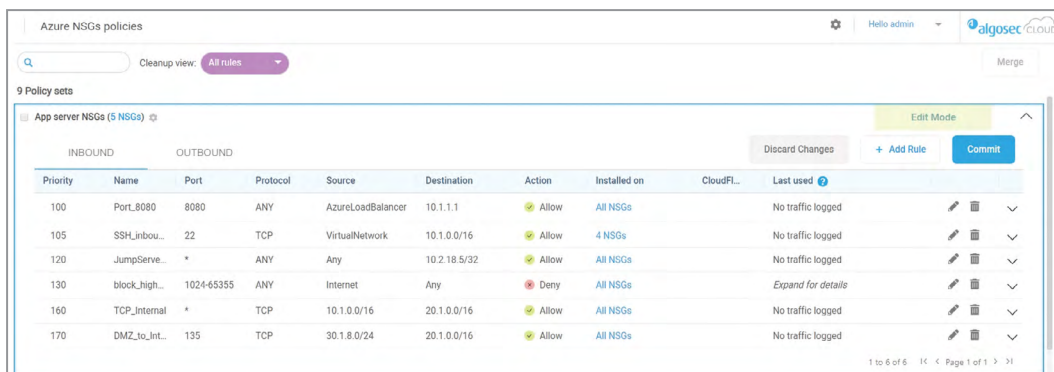
Policy Cleanup. As cloud security groups are constantly adjusted, they can rapidly bloat. This makes it difficult to maintain, increasing potential risk. With CloudFlow's advanced rule cleanup capabilities, you can easily identify unused rules and remove them with confidence.

Comprehensive and Unified Security for Heterogeneous Environments

AlgoSec seamlessly integrates with all leading brands of traditional and next-generation firewalls and cloud security controls as well as routers, load balancers, web proxies, and SIEM solutions, to deliver unified security policy management across any hybrid-cloud, multi-cloud, SDN and on-premise network. Additional devices can be added via the AlgoSec Extension Framework.