

VALTIX NETWORK SECURITY SERVICE

SOLUTION BRIEF

CHALLENGES

Cloud security is just security. But securing cloud infrastructures requires a new mindset.

> Lifting and shifting of data center firewall appliances to the cloud has proven to be a barrier to true cloud native transformation

> You've adopted highly automated CI/CD deployments, but network security for your clouds is still manually driven

> Relying on static security group policies is not enough. Protection against exploits and threats require consolidated security solutions that perform deep packet

CLOUD APP AND THREAT LANDSCAPE ARE CHANGING

As organizations continue to embrace multiple cloud platforms, enterprises are prioritizing a balance between DevOps and SecOps in the cloud.

"Where third-party network security controls are used, favor cloud-native approaches. Vendors that simply take their on-premises physical appliance into a virtual appliance don't provide a cloud-native experience. [Cloud-native security offerings offer built-in automated resilience, scale-out architectures, ease of insertion into the programmable network fabric of the cloud provider and support for transit virtual private cloud \(VPC\)-like constructs.](#)"

- Neil MacDonald, Distinguished VP Analyst, Gartner

CLOUD SECURITY REQUIRES A CLOUD NATIVE MINDSET

On the surface, the public cloud may look like your traditional data center, but peeling back the covers reveals completely different infrastructures. The cloud is built on infrastructure-as-code and is API driven, while your data center follows legacy, manually driven command line change processes.

As enterprises begin their transformation to benefit from cloud native adoption, the security tools they use must also adopt the API driven approach to deploy security at the pace of application deployment, otherwise they risk security controls being bypassed.

AN IDEAL CLOUD NATIVE SECURITY SOLUTION

Cloud security strategies should consider the following to enable cloud native transformation.

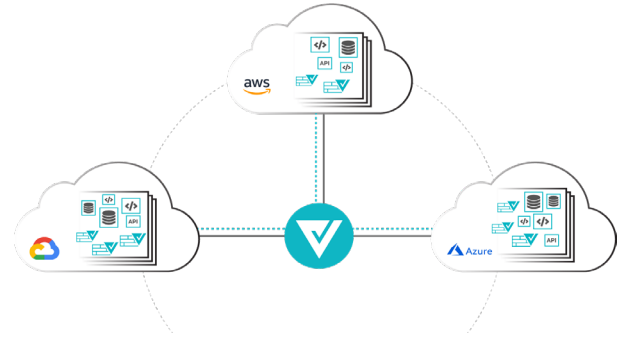
- **Automation of continuous awareness and visibility** of active, vulnerable and unprotected applications and services.
- **Security must be dynamic** as deploying apps and services across clouds, AZs and regions blurs the notion of where to create security perimeters.
- **Simplified deployments.** The API driven clouds enables security teams to utilize the same API driven approach to continually deploy and scale security controls at the same speed as cloud native deployments. Available in [AWS and Azure Marketplace](#).



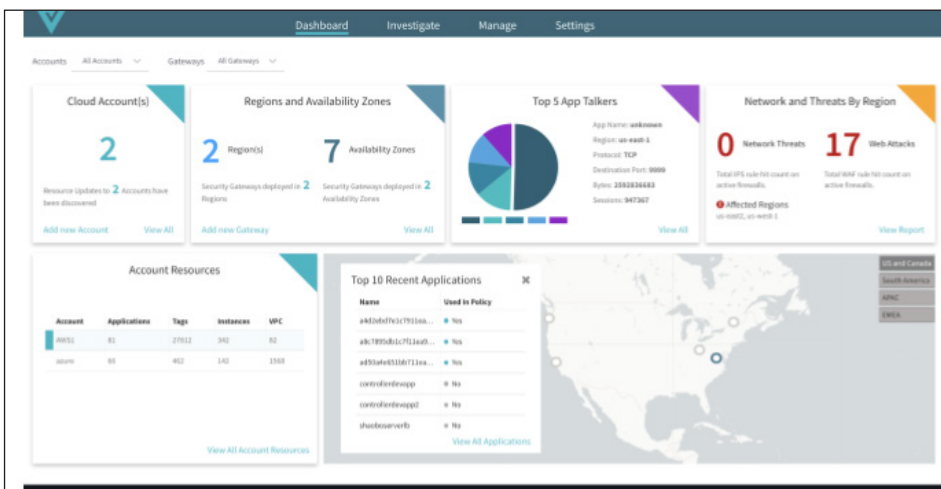
ELASTIC CLOUD NETWORK SECURITY SERVICE

Valtix Network Security Service takes a new approach and delivers high-performance and effective cloud network security using the fundamentals of Discover, Deploy, and Defend, manifested into two core components:

- **Valtix Cloud Controller:** SaaS-delivered, managed by Valtix, normalizes policies across clouds, provides an evergreen model for your cloud apps and network inventory, and deploys Valtix Cloud Firewall clusters
- **Valtix Cloud Firewall:** Runs in your clouds, automatically is managed by the Valtix service. by providing network security features including TLS, Firewall, IPS, and WAF.

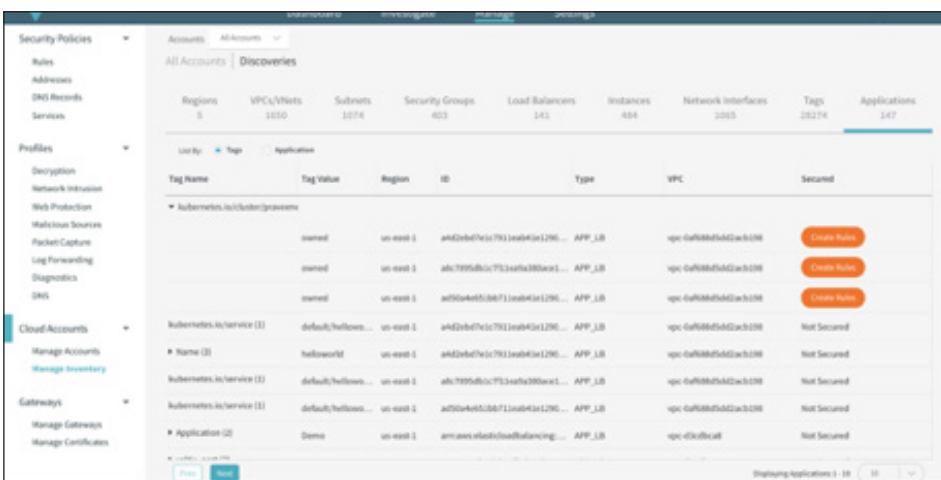


No provisioning scripts i.e. CloudFormation are required. Valtix security services are fully automated to help reduce the amount of noise and manual work your security engineers have to pay attention to so they can focus their expertise where it really matters for your business.



GLOBAL VISIBILITY

- Valtix Controller dashboard provides a real-time, global view of current web and network threats across cloud accounts
- Threat and flow logs processed by Valtix cloud firewalls can be shared to external SIEM i.e. Splunk and syslog and cloud API data brokers
- Gateway deployments mapped across the visualization maps identifies gaps in network security across cloud AZs and regions



GLOBALLY ACTIONABLE INTELLIGENCE

- Quickly identify unprotected hosts and take action by deploying deep packet inspection and web application security in a few clicks
- Managed updates and upgrades and hitless while elastic auto-scaling of the firewalls is fully managed by the controller

Valtix Network Security Service makes it easier for your security team to work closely with developer and operations teams to create and deploy code faster and more securely with just a few clicks in the Valtix Cloud Controller console. You can also automate full visibility on your cloud infrastructure as accounts are associated and application security checks to continually enforce your security and ensure availability at all times. You can now be secure AND agile at the same time in Public Cloud. For more information about Valtix product and solutions, visit <https://www.valtix.com>.