Illumio for Microsoft Azure Firewall

Easily manage policies, contain lateral movement, and build stronger cyber resilience across your Azure environment.

Firewalls protect the edge — but alone, they can't stop attackers once they're inside. That's why organizations need a way to pair firewall protection with tools that contain lateral movement and simplify policy management.

When firewall rules become too complex, teams often default to over-permissive access. The result: misconfigurations, compliance gaps, and unnecessary exposure.

Streamlining firewall policy management not only reduces these risks but also helps security teams adapt quickly as threats evolve.

That's why Microsoft and Illumio have joined forces:

- Microsoft Azure cloud-native firewall offers fully stateful firewall-as-a-service that provides scalable, intelligent protection for both north-south and east-west traffic.

- Illumio delivers granular visibility and consistent breach containment with microsegmentation across hybrid multi-cloud, data center, and endpoint environments.

With the joint solution, Azure Firewall customers gain simpler policy control, multilayered defense-in-depth, and fine-grained policy enforcement down to the network interface card (NIC) and subnet levels.

Connect and manage Azure Firewall policies with Illumio

Illumio now integrates directly with Azure Firewall, making it easier than ever to connect and manage firewall policies in one place.

With this integration, you can see every active Azure Firewall, understand which resources are talking to it, and spot risks

Key benefits

Centralized control

Seamlessly manage all Azure Firewall policies from Illumio with consistent, simplified updates across your environment.

Granular visibility

See every active Azure Firewall instance, the resources communicating with it, and the risks of lateral movement.

Smarter policies

Use natural language labels and Azure Resource Tags instead of IPs for easier, more accurate rule creation and attestation.

Automated protection

Test, enforce, and optimize policies automatically to strengthen Zero Trust and reduce human error.

from lateral traffic.

And with that visibility, you can centrally update and optimize policies right from Illumio. This ensures consistent, simplified protection across all your Azure resources.

Illumio for Azure Firewall features

Whether you're rolling out a brand-new app in Azure or moving one from the data center to the cloud, Illumio for Microsoft Azure Firewall makes it easy to put the right protection in place from the start.

Total visibility

- Get real-time visibility into Azure Firewall traffic to uncover hidden communication patterns and risks.

- Map network security group data flows to build a stronger, layered defense built on lateral communications in Azure.

- Track data flows across multicloud environments for a complete view of your applications.

- Instantly see every resource talking to an Azure Firewall in a clear hub-and-spoke view.

Consistent security

- Program Azure Firewalls with label-based policies so the right policies follow your apps everywhere — across perimeters and workloads in any cloud environment.

- Define policies by application properties, not unrelated IP addresses, so security always stays aligned with the app, not the network.

- Bring flow monitoring and policy authoring into app team workflows to support true shift-left security.

Validated policy

- Safely push changes to Azure Firewall Manager with continuous validation built in.

- See the impact of policies before enforcement so you don't break critical apps.

- Speed up policy attestation with clear visuals showing what's allowed or denied.

- Keep policies conflict-free across tools with smooth, co-existing updates.
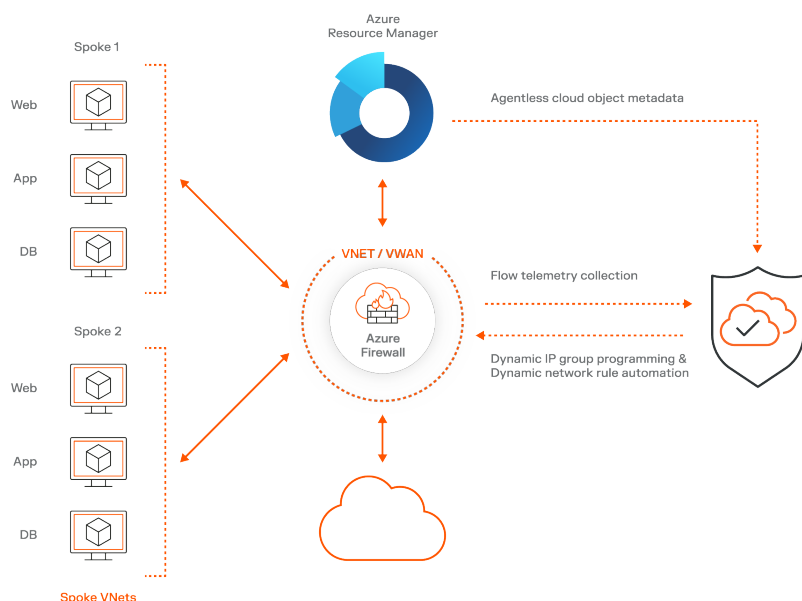
Illumio for Azure Firewall

- Firewall context & label to IP group mapping

- Visibility of Firewall objects and traffic flows

- Label based programming of Firewall policy with simulation mode

About Illumio

Illumio is the leader in ransomware and breach containment, redefining how organizations contain cyberattacks and enable operational resilience. Powered by an AI security graph, our breach containment platform identifies and contains threats across hybrid multi-cloud environments – stopping the spread of attacks before they become disasters.

Recognized as a Leader in the Forrester Wave™ for Microsegmentation, Illumio enables Zero Trust, strengthening cyber resilience for the infrastructure, systems, and organizations that keep the world running.