# CLOUD TAP - AZURE

SEAMLESS TRAFFIC ACCESS FOR AZURE VM ENVIRONMENTS

Profitap Cloud TAP is a game-changing visibility solution designed to help network engineers, DevOps teams, and IT professionals gain complete insight into network traffic across Kubernetes clusters and Azure VMs; whether on-premise, in the public cloud, or in a hybrid environment.

Profitap Cloud TAP empowers you to permanently monitor, filter, and capture traffic with surgical precision, all without disrupting existing deployments or workflows. Cloud TAP Kubernetes is CNI-agnostic and runs on both vanilla Kubernetes (self-managed) and AWS EKS. Cloud TAP Azure is designed to monitor traffic of GNU/Linux and Microsoft Windows virtual machines in Azure environments.
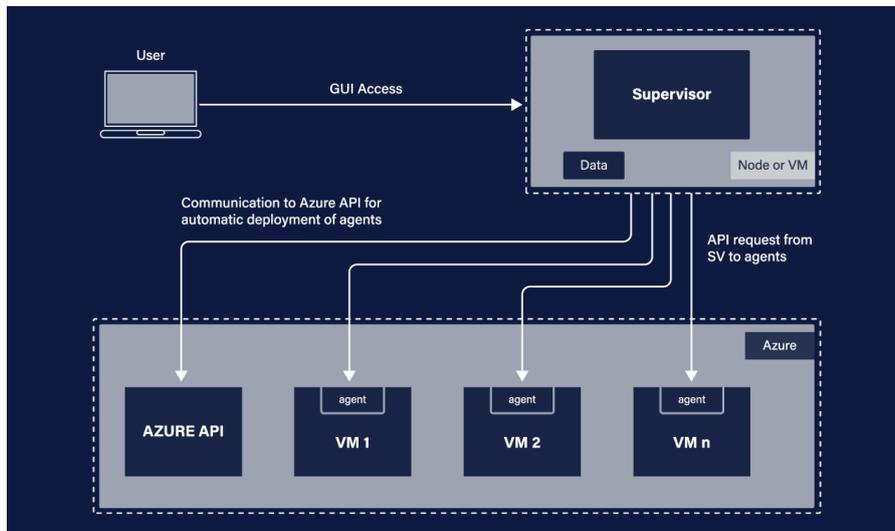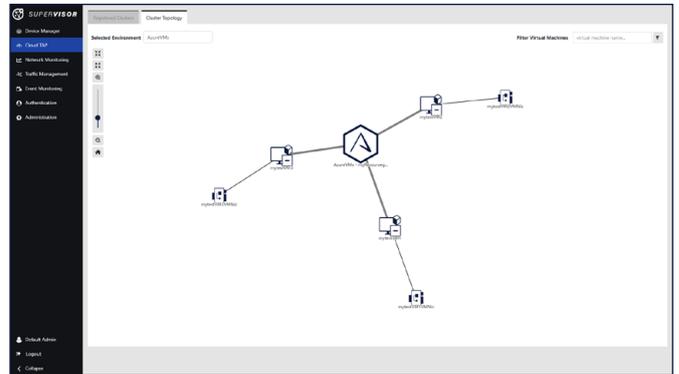

Efficient Azure VM traffic access

► **Full visibility and filtering**
TAP, filter, and encapsulate traffic to and from Azure VM environments.

► **Kernel-level mirroring**
Deploy tapping agents directly at the host kernel level to mirror traffic in and out of the applications that matter. No modifications required to application configurations.

► **Full-spectrum traffic observability**
Gain complete visibility into North-South inbound/outbound flows and East-West lateral traffic for security, performance, and troubleshooting.

► **Seamless integration**
Forward mirrored traffic to Profitap Packet Brokers or security and analysis tools to maintain a unified view of your entire network.

Automated deployment & validation

- ► **Streamlined tapping deployment**
  Supervisor Cloud TAP automatically deploys and configures tapping points without altering or interrupting your environment setup.

- ► **Persistent monitoring**
  Supervisor Cloud TAP continuously tracks Kubernetes cluster changes, ensuring your mirroring configuration remains valid and up to date, even as your Kubernetes deployment scales.

- ► **Adaptable to hybrid cloud**
  Harness comprehensive traffic observability across on-premises, private, and public cloud Kubernetes clusters, and Azure VM environments.
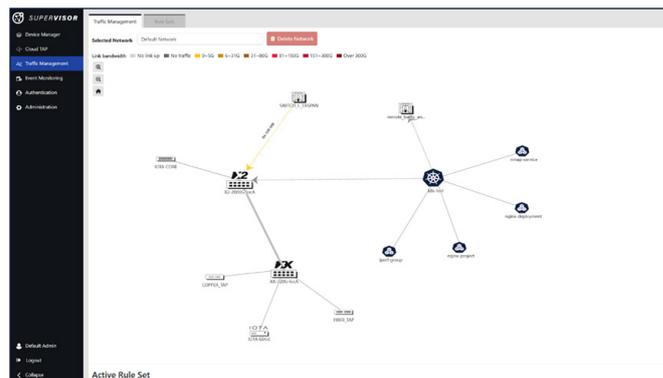
Monitor hybrid networks without blind spots

By offering granular, non-intrusive traffic monitoring in Kubernetes and Azure VM environments, Profitap Supervisor Cloud TAP helps you:

- ► Accelerate troubleshooting and root-cause analysis
- ► Strengthen security postures with real-time packet capture
- ► Streamline compliance and auditing requirements
- ► Scale seamlessly alongside dynamic containerized services

SUPER**VISOR**

Complete control over your monitoring infrastructure

Cloud TAP operates within Profitap Supervisor, which unifies Profitap solutions into a centralized observability platform for hybrid networks.

Profitap Supervisor consists of two modules that can be used independently or together to perform advanced traffic management:

Network Packet Broker CM

- ► Centralized management for XX-Series and X2-Series Network Packet Brokers, enabling seamless traffic access and optimization within physical networks.

- ► Efficiently orchestrate device clusters, streamline maintenance, and stay on top of your monitoring fabric's health and performance.

Cloud TAP

- ► Traffic access for Kubernetes clusters in private or public clouds and Azure VM environments, through mirroring and encapsulating traffic from applications of interest.

- ► Integrates effortlessly with Profitap Packet Brokers and other analysis tools, allowing unified rule sets that span both cloud and on-premises infrastructures.