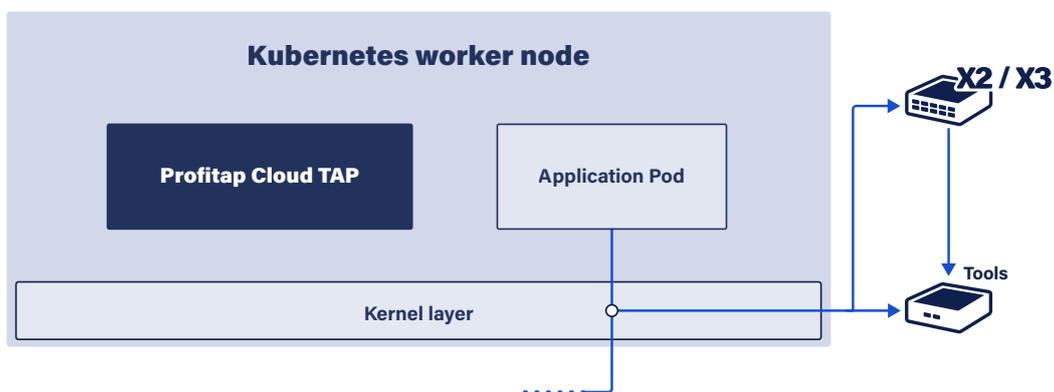
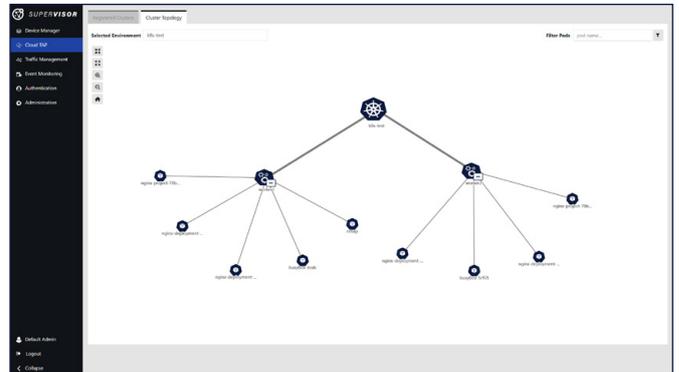


CLOUD TAP - KUBERNETES

SEAMLESS TRAFFIC ACCESS FOR KUBERNETES CLUSTERS

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.

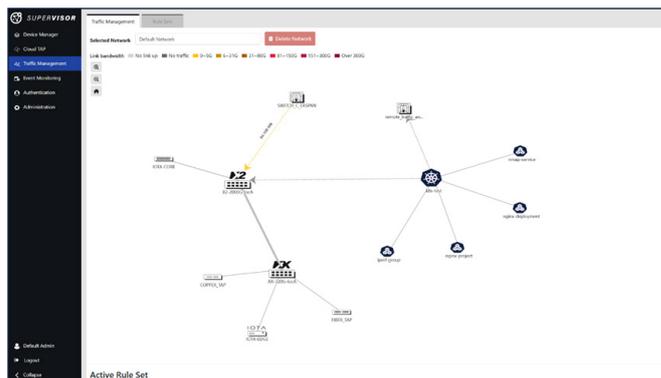


Efficient Kubernetes traffic access

- ▶ **Full visibility and filtering**
TAP, filter, and encapsulate traffic from K8s clusters with granularity from service to pod. Cloud TAP monitors the container services, so you don't need to bother with their deployment details.
- ▶ **Kernel-level mirroring**
Deploy tapping points directly at the host kernel level to mirror traffic in and out of the applications that matter. No modifications required to pods, containers, or application configurations.
- ▶ **Smart traffic encapsulation**
Reliably route mirrored traffic from your Kubernetes clusters towards physical and virtual tools without the risk of losing encapsulated traffic due to different MTU or network configurations.
- ▶ **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



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.