Networking and NFVs

Benefits

Enhanced Security

Purpose: Protects network and Data.

Features: Network segmentation and i solution.

Benefits: Reduce stack surface and prevents unauthorized access.

Performance

Purpose: Optimize network operations.

Features: Network offloading technologies like SR-IOV and DPDK.

Benefits: Lower latency and higher throughput.

Scalability

Purpose: Support growing network demands.

Features: Fully distributed networking capabilities.

Benefits: Easily scale infrastructure to meet increasing demands

Ease of Management

Purpose: Simplify network administration

Features: Automated IP management.

Benefits: Robust access controls.

Overview

XaasIO's NFV Module provides scalable network infrastructure with virtual routers, firewalls, VPNs, load balancers, and network topology construction. Powered by OVN, it ensures efficient networking. The module supports robust access control, traffic management, and enhanced performance through SR-IOV and DPDK technologies. It also offers customizable load balancing and secure site-to-site connectivity.

Why XaasIO?

Enterprise Grade Open Source Software.

Offers comprehensive life cycle administration, including monitoring, alerting, and seamless upgrade.

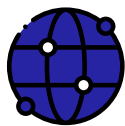Reduces Total Cost Of Ownership (TCO) for cloud infrastructure.

Provides long-term security updates and compliance with international standards.

XAASIO

Enhanced Networking for Effortless Management

The XaasIO NFV module offers virtual routers, firewall, UTM, load balancers, and Network topology tools, backed by OVN for distributed networking.

Enhanced Networking for Effortless Management

Create secure isolated virtual Layer2 network traffic,seamlessly integrated with VMs and kubernetes.

Virtual Router configuration

Efficiently create and manage virtual routers to enhance network administration and adaptability.

Comprehensive Network Topology Construction

Design a comprehensive network topology for a holistic view and superior management of your network's architecture.

Advanced Access Control and Monitoring

Implement security group for precise access control and logging to enhance network security and oversight.

Enhanced Cloud Performance with Network Offloading

Boost cloud performance with network offloading techniques like SR - IOV, DPDK, and ASAP2.

Scalable and Efficient

Distributed networking Harness OVN for scalable, efficient, and distributed networking operations.

Customizable Load Balancing

Enhance network traffic distribution with custom load balancing, SSL encryption options and continuous health monitoring for optimal performance .
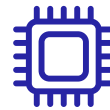
Advanced Traffic Management With l7 Policies

Apply Layer7 policies for advanced traffic management using URL rewriting, redirection and other techniques to enhance network functionality.

XAASIO

Secure Site-to-site Connectivity

Establish a secure, reliable site-to-site VPN with optional accelerated connectivity to the Xaasio cloud for enhanced global performance.

Key Features

Virtual Routers: Streamline and Network management and boost Efficiency.

Layer 2 Networks: Secure, isolated Environment for traffic.

Advance Firewall and UTM: Enhanced Security and monitoring.

Network Offloading: Technologies Like SR-IOV, DPDK for optimal Performance.

Load Balancing: Customizable Options with SSL encryption and Health monitoring.

Traffic Management: L7 policies For URL rewriting and redirection.

Site-to-site VPN: Secure connections With accelerated global performance.

XaasIO Virtual Proxy Module

XaasIO virtual proxy module delivers advanced Load balancing, security, SSL termination, caching and failover with comprehensive logging and real-time monitoring.

Support & Service

- 24 x 7 engineering support by technical experts.

- Assured response time of 15 minutes and round the clock support to solve critical issues.

SLAs

- Upto 99.9% availability SLA.
- Read/Write latency SLA

Contact us for more information.

Website: https://xaasio.com/
Email: hello@xaasio.com
PH: +1 650 523 6628
LinkedIn: linkedin.com/company/xaasio/

XAASIO