Orchestral NetOps
Revolutionizing Network Operations

Orchestral.ai introduces **Network Operations (NetOps)**, a groundbreaking vendor-agnostic network automation and orchestration solution. As networks become the central nervous system of modern enterprises, they struggle with:

- Operational inefficiencies due to vendor-lock specific solutions
- Time-consuming and error-prone manual coordination across multiple devices
- Lack of comprehensive operational rollback capabilities
- Limited real-time network visibility
- Complexity and high costs of traditional network automation tools

NetOps addresses these critical challenges head-on, empowering businesses to overcome vendor lock-in, streamline operations, and drive innovation.

Key Features and Benefits

NetOps addresses these challenges by providing a comprehensive, vendor-agnostic network automation and orchestration solution that includes the following capabilities:

Vendor-Agnostic Automation

NetOps seamlessly integrates and orchestrates across network devices from various vendors, eliminating vendor lock-in and simplifying multi-vendor management.

Integration with Orchestration Platforms

Seamlessly integrates with Orchestral's orchestration engine and Composer WebUI, enabling end-to-end automation of network provisioning and management.

Advanced Rollback Capabilities

Offers operation-level rollback mechanisms, enabling quick recovery from configuration errors or operational disruptions, minimizing downtime and enhancing network stability.

Scalability and Flexibility

Designed to scale with organizational growth, efficiently managing an expanding number of devices and increasingly complex network configurations.

Real-Time Network Visibility

The NetOps Database (NDB) provides real-time insights into network operations, configuration statuses, and device health, enabling rapid issue resolution and proactive management.

Enhanced Compliance and Security

Proactively manages configuration lifecycles, ensuring alignment with enterprise compliance and security standards and enabling quick responses to potential vulnerabilities.

Comprehensive Configuration Lifecycle Management

Manages the entire lifecycle of network device configurations, from initial deployment to ongoing operational adjustments, ensuring efficiency, compliance, and preparedness for recovery.

Orchestral NetOps

NetOps Benefits

By implementing NetOps, enterprises can realize significant benefits:

- **Optimized Network Operations:** Streamlines tasks across diverse devices, reducing manual intervention and improving overall network performance.

- **Simplified Multi-Vendor Management:** Eliminates the need for multiple tools and skillsets, reducing complexity and increasing operational efficiency.

- **Reduced Operational Costs:** Enables vendor-agnostic automation, avoiding vendor lock-in and reducing manual labor costs.

- **Enhanced Network Stability and Resilience:** Ensures quick recovery from disruptions and enables proactive issue resolution.

- **Improved Compliance and Security:** Maintains a robust network security posture through proactive configuration management.

- **Faster Time-to-Market:** Accelerates deployment of new network services and applications through automated provisioning and management.

- **Scalability and Future-Readiness:** Efficiently manages growing network complexity without compromising performance or manageability.

Why Choose NetOps?

- **Comprehensive vendor-agnostic solution**

- **Advanced rollback capabilities for enhanced stability**

- **Real-time network visibility and proactive management**

- **Seamless integration with existing orchestration platforms**

- **Scalable and future-ready architecture**

- **Proven results with significant operational improvements**

NetOps empowers enterprises to overcome the challenges of modern network environments and drive their digital transformation initiatives with confidence. To learn more about how NetOps can revolutionize your network operations, book a demo today at sales@orchestral.ai.

Case Study: Leading Retailer Transforms Network Operations

A Fortune 500 retailer faced challenges in managing its complex network infrastructure spanning hundreds of locations. By adopting Orchestral's NetOps application, the enterprise achieved:

- Accelerated SD-WAN deployment across hundreds of locations within months
- Significantly reduced reliance on manual tasks through automation
- Enforced consistent network configurations across all stores
- Decreased nighttime on-call incidents from 5-6 calls per week to 3 per month

> Orchestral NetOps has been a game-changer for our network operations. Its vendor-agnostic approach and advanced automation enabled rapid SD-WAN deployment across hundreds of locations with consistency and reliability. We've significantly reduced manual efforts and on-call incidents, allowing our team to focus on innovation and exceptional customer service
>
> - Senior Director of Network Operations