



InterCloud Autonomi

Optimizing cloud connectivity performance

InterCloud Autonomi is the central nervous system of your multicloud connectivity, optimizing performance across multiple underlay providers. Underlay providers, such as Megaport and Equinix, offer the physical network infrastructure that connects different cloud environments. By streamlining the process of working with these providers, InterCloud Autonomi empowers you to maximize your connectivity efficiency. This cheat sheet will guide you through enhancing your multicloud connectivity performance using InterCloud Autonomi's powerful features.

Performance optimization checklist



Pre-deployment

Choose optimal InterCloud Autonomi locations

Consider virtual access nodes

Assess bandwidth requirements



Configuration

Use standardized interface for consistent setup

Implement BGP configurations in cloud provider consoles

Set up virtual access nodes as needed



Monitoring

Configure real-time monitoring

Set bandwidth alerts



Maintenance

Review performance data regularly

Stay updated on new features

INFO & BOOK DEMO

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Key performance metrics

METRIC	CURRENT CAPABILITIES AND FUTURE PLANS
Bandwidth utilization	<ul style="list-style-type: none"> View real-time, average, and peak usage Compare against purchased bandwidth Analyze up to two years of historical data
Latency	Compare latency against business requirements; adjust transport as needed (coming Q4 2024)
Packet loss	Monitor rates to ensure optimal performance and identify issues (coming Q4 2024)

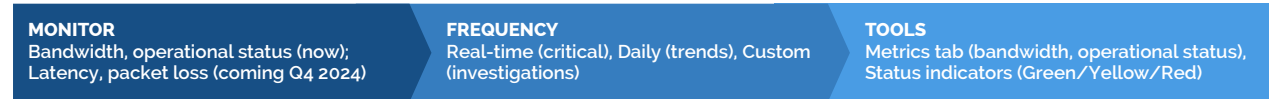
InterCloud Autonomi performance features

- ✓ Virtual access nodes: Flexible connectivity via Megaport/Equinix
- ✓ Multicloud integration: L2 connections to Cloud Service Providers
- ✓ Unified interface: Consistent L2 setup across underlays
- ✓ Real-time metrics: Bandwidth and operational status

Multicloud setups best practice

- ✓ Implement geo-redundancy
- ✓ Use virtual nodes for testing/temporary connections
- ✓ Leverage unified interface for L2 connectivity
- ✓ Regularly review BGP configurations

Monitoring strategy



Performance tuning

ISSUE	ACTION
High latency	Consider changing to a closer InterCloud Autonomi location; Utilize alternative underlay provider
Bandwidth constraints	Upgrade capacity; Load balance
Inconsistent performance	Check BGP policies; Verify underlay status

Troubleshooting flow

