



MCR is a virtual routing service that enables you to connect your cloud environments using Layer 2+3 routing constructs, without the need for physical infrastructure.

MCR supports BGP, allowing for dynamic route propagation and efficient traffic management. MCR enables the configuration of static routes, providing path definitions between networks.

Key Benefits of MCR



Virtual Cross Connects (VXCs): MCR can host Layer 2 Virtual Cross Connects (VXCs), enabling private, on-demand connections between any location on the Megaport network.



Q-in-Q Support: MCR supports 802.1ad Q-in-Q tunneling, allowing for both inner and outer VLAN tagging, which is beneficial for service providers managing multiple customer VLANs.



Throughput Options: MCR offers multiple speed tiers to accommodate varying performance requirements (up to 100G).



Network Address Translation (NAT): MCR provides NAT capabilities, allowing for greater flexibility in designing scalable and secure multicloud or hybrid cloud architectures.



Global Reach: With MCR instances preconfigured in data centers across key global routing zones, you can establish connections globally to support your business operations.

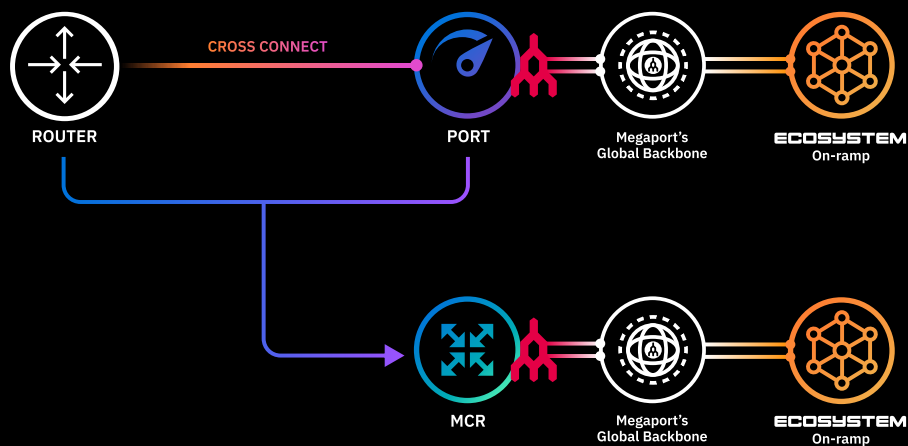


Megaport Global Backbone: MCR is hosted within and with direct access to locations in close proximity to major ecosystem providers. With high throughput, low latency, and highly available connectivity access via a VXC that can be deployed within 60 seconds.



Looking Glass: MCR Looking Glass gives you single-screen visibility over your traffic routing. Run on-demand ping and traceroute directly from your MCR to verify connectivity and diagnose routing issues instantly.

MCR Network Architecture



MCR Use Cases

Multicloud Connectivity

Privately peer between leading public cloud, IaaS, and SaaS providers, facilitating efficient data transfer between diver cloud environments.

Hybrid Cloud Integration

Connect on-premises infrastructure with cloud environments to create a cohesive and flexible network architecture.

Global Expansion

Establish connections in new markets without the need for physical infrastructure, leveraging MCR's global presence.

Simple Edge Router

Internet Gateway that can masquerade to interface IP when Megaport Internet is provisioned to it.

Complex Networks, Simplified.

Deploy global private connectivity in minutes.

