Microsoft Cloud Services

Microsoft Azure Peering Services

Enhance and optimize your connectivity to Microsoft public cloud services with a credible partner to supply high-performing and trusted connectivity with optimal routing to the Microsoft network.

Benefits of Microsoft Azure Peering Services

- Best public routing over the internet to Microsoft cloud services for optimal performance and reliability.

- Backbone traffic will now bypass the regular Internet and flow through the Microsoft Global Backbone from A to B.

- Direct boost to MicrosoftO365 application performance.

With Peering Service, public connectivity is optimized for high reliability and minimal latency from cloud services to the end-user location.

As collaboration technologies migrate to the cloud, the increased reliance and adoption of O365 services within organizations has put a strain on traffic to the public internet. As a result, organizations are unable to accurately strategize for the increase in demand of real time traffic. With Microsoft Azure Peering Services (MAPS), your traffic takes the shortest and secured path into the Microsoft network. NTT DATA can offer your organization with a single hop accessibility to Microsoft's global network. This service is integrated into our connectivity offerings which provide your organization with a dependable connection that positively impacts your organization and employee experience.

1 **Robust, Reliable Peering**
Peering services uses two types of redundancy. Local redundancy and geo-redundancy.
Local redundancy refers to Microsoft and Dimension Data delivering peering service across multiple Edge locations.
With geo-redundancy, if one the Edge nodes has degraded performance, your organization's traffic routes to and from an alternative site.

2 **Optimal Routing**
Cold-potato routing is the preferred routing technique. It offers control over network traffic that originates from the Microsoft cloud.
Optimal routing ensures that traffic remains on the reliable, high-capacity and low-latency Microsoft global network.

3 **Monitoring Platform**
Service monitoring is offered to analyze customer traffic and routing and it provides internet BGP route anomalies detection and customer latency.
This service detects and alerts you of all route anomaly events. In addition, the service monitors the route performance between Microsoft and your organization's location.

4 **Traffic Protection**
Microsoft guarantees to route the traffic via preferred paths even if malicious activity is detected.
Routing occurs along a preferred avenue that's defined when your organization registers with Azure Peering Services.

How Microsoft Azure Peering Services works to achieve business benefits

NTT DATA Solution

- Best public routing over the internet to Microsoft Azure Cloud Services for optimal performance and reliability.
- Your backbone traffic will now bypass the regular Internet and flow through the Microsoft Global Backbone from A to B.
- Optimum network hops (AS hops) from the Microsoft cloud
- You will directly boost your Microsoft public application performance.

Joint Solution

- NTT DATA has a multitude of connectivity technologies to offer our customers
- Using a hybrid approach allows your organization to take advantage of the most appropriate venues for your application workloads.
- Pull technical, operational, and financial transformation levers that lead to a far more fundamental and robust infrastructure that delivers on organizational digital futures.

Tangible Benefits / Desired Outcomes

- Optimized and reliable internet connectivity to public Microsoft Cloud services.
- Dependable and faster connection that can positively impact your customers and employees experience.
- Secured and improved way to connect to Microsoft Cloud Services and applications utilizing Public IP addresses.
- Customer traffic takes the shortest path into the Microsoft network.
- Traffic insights such as prefix monitoring and latency reporting.

Why NTT DATA

NTT DATA has a proven track record as a Microsoft partner with a large skilled and experienced team of Microsoft-certified specialists. From consulting to managed services, we keep your enterprise applications responsive and reliable, enabling collaboration and a platform for innovation. With all Microsoft service accessible via the public internet to drive better teamwork, productivity and agility, we not only enable but drive a collaborative culture. We assess current IT landscape, deliver recommendations and a roadmap for optimisation and then consolidate and migrate your applications to the cloud. Along the way, offering guidance through complexities and intricacies. Dimension Data offers bespoke business solutions using a SAFe Agile methodology and globally integrated ITIL processes. With our highly skilled application, Azure migration and advanced networking teams, we guarantee excellence in delivery. NTT DATA is able to provide a full end-to-end solution to an organisation in every industry vertical. We can provide a differentiation on tools you use daily and in turn a better experience when utilizing Microsoft services on our network. Our capability across the full IT stack enables us to provide supporting services giving you an advantage.

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