

Internet Services

Carrier grade, scalable & reliable internet connectivity delivered to your rack

DXN understands that highly available services still need to interact with the world outside them, one that is demanding and changing. Our internet services have been designed to meet these challenges.

Internet services start at 10Mbps and can scale up to 1Gbps and beyond. We even provide each customer a complementary 10Mbps internet service to get you connected from day one.

Our customers being able to connect quickly and reliably is of paramount importance to DXN. That's what we started with a facility cross connect fabric that is delivered using fibre and is software defined end to end. This means you can connect and scale quickly and securely.

To further enhance reliability and resilience, DXN sources internet from two independent carriers which is integrated and delivered using our software defined network, powered by Fortinet.

Our carrier neutral position also means you can utilise alternative internet providers for your backup or diverse link requirements.

DXN's internet services are complemented by our next generation firewall offering and SD-WAN capability. You are able to choose a firewall to meet your needs, whether it be a robust firewall offering traditional services or a next generation firewall offering malware filtering, application based routing and more.

DXN internet is the perfect companion in every way to the racks that safely house your servers – just like DXN's racks, choose internet that is reliable, scalable and feature rich.



Carrier Grade

DXN internet is sourced from Australian wholesale telecommunications providers, providing reliable and direct internet access.



IP Address Ready & Scalable

All customers are provided with a dedicated, static v4 IP address. You can add optional IPv6 address and even bring your own IP address ranges.



Delivered Using Fibre

Our internet services are delivered using fibre from the telco all the way to your rack. DXN's fibre optic cross connect fabric ensures high speed, interference free connectivity. Available from both our diverse Telco Modules



Diverse & Resilient

In order to ensure robust resilience, dual carrier diverse internet feeds are used, each terminating on dedicated routing hardware.



Scale As You Do

Start with a modest 10Mbps connection and scale all the way to 1Gbps and beyond.



Firewall & SD-WAN Ready

DXN's next generation firewall is ready to protect your internet connected services. Next gen firewall features such as malware filtering, application based rules and more means you can optimise both security and throughput.

SD-WAN capability means you can connect remote sites quickly, securely and seamlessly over multiple access tails.



DXN's internet services have been designed to meet today's challenges and are reliable, scalable and available



GIVING YOU THE EDGE

We believe in challenging the status quo of how modern data centres enable the edge

Rapid Deployment

Modular

Different

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For more information visit www.dxn.solutions

IP Transit vs Enterprise Internet

Product Category	DXN Product	Top level Summary	Sales Channel*	Primary Use	Site Size	Available in DC	Ideal for SD-WAN
Premium Scalable, flexible and feature rich for a wide variety of customers and locations	IP Transit	Carrier grade Internet for sophisticated customers	Wholesale	Internet transit for service providers	Medium to very large	Yes	No
	Enterprise Internet	Premium fibre Internet with scalable, dedicated bandwidth to run your core business	Enterprise & Government	Head office, large branch and centralised Internet access	Medium to Large	Yes	Yes

Point of Comparison	DXN IP Transit	Enterprise Internet
Sales / Marketing		
Primary Segment	Wholesale	Enterprise & Government
Target customer Wholesale	ISPs, Service Providers, Cloud Providers.	Resellers with enterprise and corporate customers.
Target customer Direct	Large Enterprises or Gov that need mission critical Internet services.	Enterprise and corporate customers.
What is the product designed for?	Carrier grade reliability with high utilisation 24 x 7 x 365	Enterprise customers with heavier utilisation and needing high reliability
Available for use by cloud/hosting providers or for Internet aggregation	Yes	No
Available for resale to single end user customers (as-is, excluding Internet aggregation)	Yes	Yes
Suitable for internet connectivity to mission critical hosting	Yes	Yes
Pricing Category	\$\$\$\$	\$\$\$



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Point of Comparison	DXN IP Transit	Enterprise Internet
Technical		
Bandwidth Type	Symmetric	Symmetric
Bandwidth increments available	Fully flexible: 10Mbps to n x 10,000Mbps in 1 Mbps increments	10Mbps, 20Mbps, 50Mbps,
then 50Mbps increments to 300Mbps, then 100Mbps increments to 1Gbps. Up to 5Gbps is POA. Not all speeds available on third party access.	Large Enterprises or Gov that need mission critical Internet services.	Enterprise and corporate customers.
Link Aggregation	Yes - where available	No
IP Addresses & Routing		
BGP Peering	Yes	Yes (single ASN only)
Advertise customer-owned IP addresses	Yes	Yes
Static Route available	Yes	Yes
Availability		
Geographic Availability	AU: Metro & Regional coverage	
NZ: Metro & Regional coverage	AU: Metro & Regional coverage	
NZ: Not available.		
Available in Data Centres	Yes	Yes
Available on third party tails	Yes ⁴	Yes (fibre or NBN Premium Access only) ⁴
DDoS Protection available	Yes	Yes
Available in DXN on-net buildings via DXN fibre	Yes	Yes
IP Burst & Aggregated Billing		
- Supports IP Burst (inc 95th% billing)	Yes	No
- Supports Aggregated Billing	Yes	No
- Burst ratio of 2:1 supported	Yes	No
Supports Redundant ports ¹	Yes	No



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