



Internet
Association
of Australia

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MEDIA RELEASE

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ANNOUNCEMENT: IAA is putting Tasmania on the map with FREE 10G ports on TAS-IX

IAA is adding Tasmania to our Internet Exchange Network, providing an important advancement in Internet connectivity and capability for the state. With final commissioning imminent, we're delighted to announce that in addition to Field Solutions Group as a foundation customer, content rich Cloudflare have already put in their pre-order for a port! Cloudflare is one of the world's largest content distributors, making sites from Vimeo to the World Health Organization reliably available across the world. IAA's new TAS-IX will be ready for service 26 February 2024.

IAA is Australia's largest not-for-profit carrier and facilitates neutral Internet peering network. Established in 1995, with the goal of creating a better Internet for Australia, we see expanding our network across Australia as an integral part of achieving our aims. Connecting to TAS-IX may reduce transit costs and improve service performance for exchange participants and their customers. Internet exchanges are the vital behind the scenes glue that join Internet access and online services networks together. By joining the Internet networks together *locally*, from the biggest content providers, to corporates, government and ISPs, Internet Exchanges reduce cost, increase speed of access to online content and services, and transform reliability, yielding benefits for everyone using the Internet.

CEO, Narelle Clark stated: "IAA is committed to creating a better Internet for Australia and we want to ensure our footprint is as wide as it can be. Members have been asking us to offer our peering services in Tasmania and we're keen to be there. We're thrilled that finally the stars have aligned such that we could bring this into reality."

The creation of TAS-IX was made possible with the help of Field Solutions Group. IAA Board Chair, Matt Enger said, "We have managed to create TAS-IX in partnership with Field Solutions Group and the Tasmanian arm of their business, TasmaNet, who were able to help us to move into high quality local data centre sites. We're very grateful for their support in making our latest Internet Exchange a reality."

Andrew Roberts, Group CEO of Field Solutions Group, had this to say about the importance of the new exchange:

"The launch of an Internet Peering Exchange in Tasmania is a game-changer, keeping Tasmanian data local by avoiding unnecessary detours to Melbourne. This move is more than a boost to Internet speed and reliability; it's about strengthening digital resiliency, ensuring swift access to local content, and bridging the gap between Tasmania and the world. This initiative lays the groundwork for a future where our island's digital infrastructure is not only more direct and efficient but also robust and self-sustaining."

Introductory offer!

IAA is offering FREE 10G ports for the first 12 months at TasmaNet DC3 and 7HOB an nbn™ POI.

Those interested in peering on the TAS-IX can join today at the IAA Member Portal. Pre-orders are now being accepted for ports.

<https://portal.internet.asn.au/orders>

TAS-IX peering locations and requirements

TAS-IX will initially be offering two points of presence (PoPs), both in Hobart.

- DC3 TasmaNet's data centre in Dowsing Point, Hobart.
- 7HOB, the nbn™ network's Hobart POI address.

To join TAS-IX your organisation needs to become an IAA Member, have a network presence in one of our local PoPs and an ASN (Autonomous System Number). If you don't have an ASN, you can request one at your local or regional Internet registry: [APNIC](#).

Key benefits of TAS-IX

Who can benefit from TAS-IX?

Any organisation that operates an internet protocol network consuming or delivering over 1Gbps Internet traffic stands to gain from connecting to TAS-IX. Examples include the following:

Retail Internet Service Providers (ISPs)

TAS-IX gives ISPs a competitive edge, offering improved service performance and cost-effective access solutions for connections within Tasmania. IAA has a track record of attracting the most popular content providers to our exchanges across Australia, including Amazon, Microsoft, Netflix, Disney and Google. Save further cost by using our inter-exchange VLL product between TAS-IX locations.

Content and Cloud providers

TAS-IX is attractive to content and cloud providers, as it provides a single location from which to deliver your content to multiple ISPs and corporate networks, and so reduce latency and reliability, and enhance end-user experience. Our content providers can bypass traditional transit routes and establish highly efficient data exchange, ensuring seamless delivery of content on a one-to-many basis.

Enterprises and businesses

Businesses of all sizes can leverage TAS-IX to enhance their online presence, ensuring faster, more reliable and more secure connectivity for critical applications and services between connected networks.

Educational and research institutions

TAS-IX facilitates seamless collaboration and information exchange for educational and research institutions with their students, staff and other collaborators, by streamlining connection to consumer Internet access networks, online services networks and online organisations generally, promoting innovation and knowledge-sharing across the community.

Government and public services

TAS-IX plays a crucial role in enhancing the efficiency of government services, providing a more secure, high-performance platform for efficient digital services delivery by enabling direct connection to consumer broadband Internet access networks.

General Benefits

Enhanced network performance

Enjoy high-speed data transfer, better routing control and reduced latency between connected networks. Businesses leveraging TAS-IX can expect a noticeable improvement in efficiency when sending and receiving traffic from other TAS-IX connected networks.

Cost savings

Joining our peering network may significantly reduce your reliance on costly third-party transit providers .

Improved connectivity across Tasmania

TAS-IX serves as a local hub for connectivity, fostering collaboration within the Internet community.

Virtual Leased Line (VLL) service

As a peer on our network, you may establish a dedicated high-speed, point-to-point connection with other peers, or your own network on the TAS-IX. This is called a Virtual Leased Line.

Robust technical support

IAA provides unparalleled technical support. From onboarding to ongoing operations, businesses can rely on our dedicated Technical Team, ensuring a smooth and hassle-free experience.

Technical details

- TAS-IX will be IAA's first exchange to take advantage of next-generation EVPN-VXLAN technology, designed to enhance the scalability of modern Ethernet fabrics.
- Hardware: Extreme Networks incorporating 10Gbps port capability via duplex single mode fibre 1310nm 10GBaseLR interfaces
- Core 40Gbps path between sites with an additional link planned adding redundancy and capacity to 80Gbps, based on the first year uptake.
- Redundant virtualised route servers running fully automated Bird BGP.
- Protected site management via fully out of band hardware with redundant paths.

Technical contacts

To find out more about joining TAS-IX visit IAA's website at <https://internet.asn.au> or contact peering@internet.asn.au. To get started, simply head to the [IAA Member Portal!](#)

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