

IAA Members Forum 2024



Internet
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of Australia



8 May 2024

Agenda



- Member Survey Feedback
- IX Update
- Portal Update
- Policy & Advocacy
- Events Program
- Open Forum - any other business?

YOUR QUESTIONS AND
COMMENTS MATTER –
Please post them to the
chat or put your hand
up in Zoom any time!

Members Forum Survey Feedback



We received 3 responses from Corporate Members

- Two members queried our port pricing strategy
- Another comment was received on our iVLL positioning

How does IAA communicate with Members?



- 4 Newsletters per year
 - Member News emails
 - Social media – LinkedIn, Facebook
 - Survey Monkey
 - During our events – both online and in person
-
- Are you missing out and not getting your emails? Are you subscribed? Send us an email to info@internet.asn.au and we can check and re-subscribe you if needed.
 - The DevOps team are working on improving the functionality in our portal which will give members the ability to nominate their communication preferences.



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Organisation update



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Our Association



- 400G Launched in Sydney
- Plans to upgrade other exchanges as demand arrives in place
- Automation and Portal a key focus
- TAS-IX launched with 12 months free
- SA-IX now billing
- MSA is now very out of date and we are going through the process to bring in a new one
- Key to our success is our staff - Great Place to Work recertified



The Board



- Full board meeting every 2 months
- Strategy being developed for next few years
- Finance committee meets monthly
- Tech committee has been looking at member demand for new locations as well as technology refreshes
- Budget for 2024-25 being finalised
- Looking for the next generation
 - We have at least one position vacant next election and would be keen to talk to people interested in joining us.

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IX update



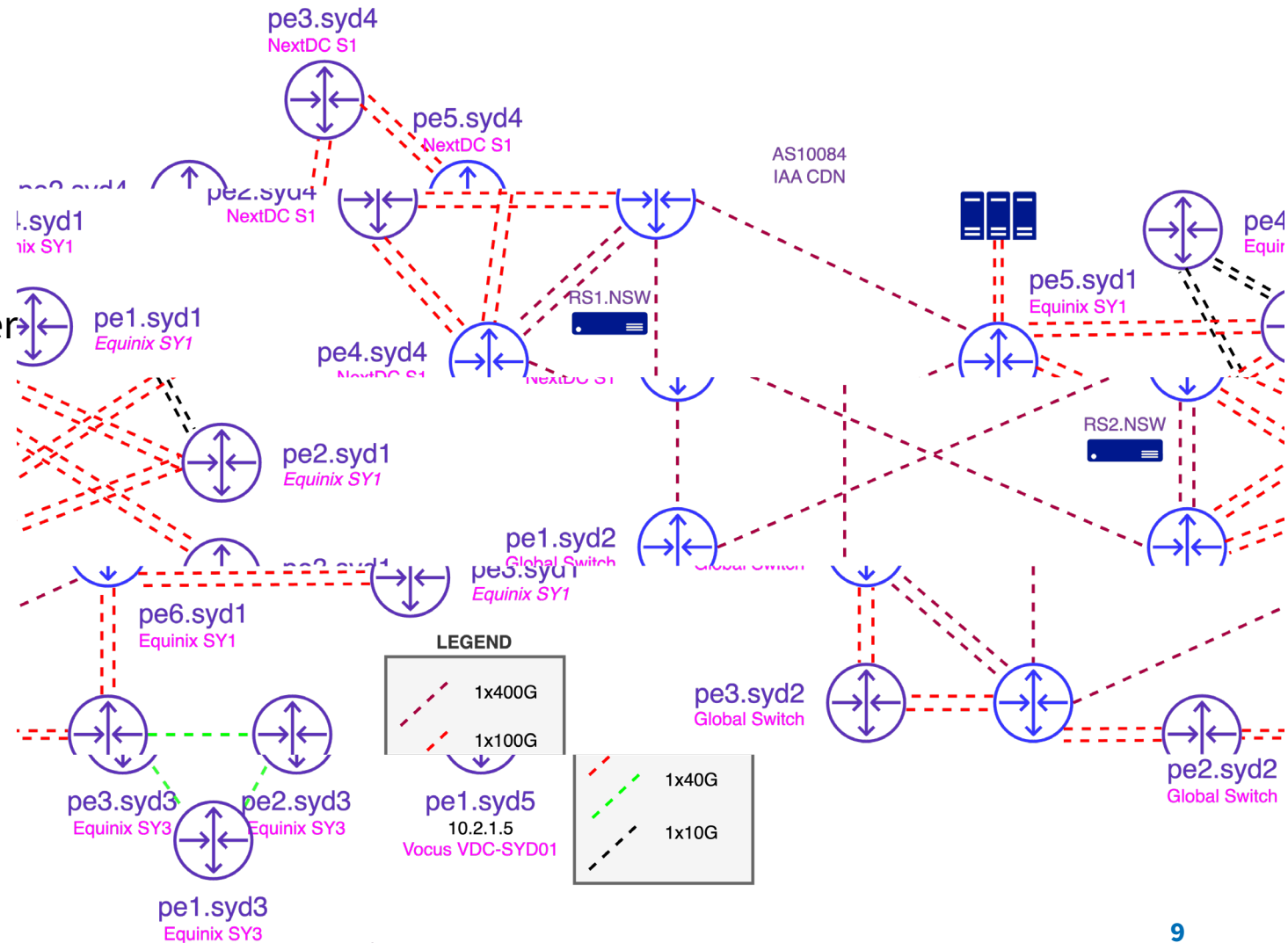
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IX Upgrades, Updates and Upheavals

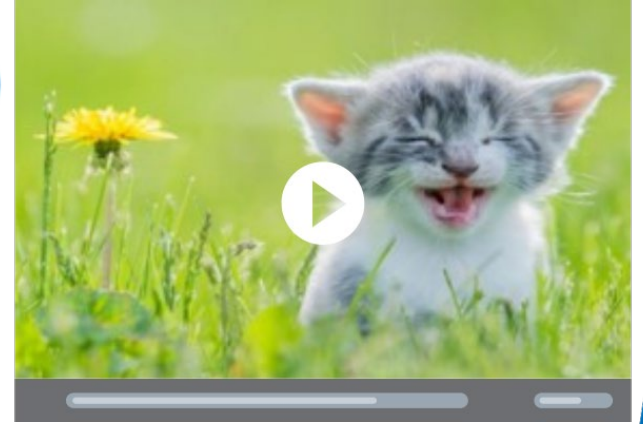


NSW-IX

- NSW-IX 400G core completed
- 2x Arista DCS-7280DR3-24 in S1, SY1 and GS
- Removed 3x 100G DWDM ring and Smart Optics devices, replaced with dual 400G links
- New fibre path between SY1 and S1, no longer 40km, but fully redundant
- New fibre path from SY1 - GS
- Uplinked Extreme x870s to 4x 100G links
- New 100G ports will be delivered as LR1, looking to migrate some of the 100G peers to LR1 and use x870s as 10G breakouts only
- Sunsetting Vocus SYD01, we will remain until the last peer moves, only ~3 left
 - Old Extreme x670s have been removed in S1
 - SY1, SY3 next – SY3 booked for 14th May
 - Removing ~10U of SC patch panels that has ~20 connections left



IX Upgrades, Updates and Upheavals



Intercapital Network

- Redundant 100G NNIs in QLD, NSW, VIC and WA
- Dual 10G NNIs in ACT and SA
- Statically pinned point to point links, in a redundant configuration
- We have scalability and flexibility now, we aren't limited by adding more ports and have a nice burst ratio
- Significant cost reduction, which we've passed on to Members
 - Not trying to compete, just recovering costs for cachefill
- We sized it perfectly for day 1
 - ... unfortunately, \$catVideosAreUs had other ideas, 2 weeks after it was deployed and started smashing it with cachefill!

IX Upgrades, Updates and Upheavals



Everything else

- NextDC P2 went live, with 100G ports ready
- A1 is on schedule for deployment once completed
- We are going to double down over the next year on removing the old hardware
 - Lots of x670s left, but we've budgeted for it now
- Once the 670s are removed, we will be looking at an EVPN deployment to simplify traffic engineering
- BUR.ST has been shut down, email will forward for the next 5 years only
- Netflix are refreshing all caches – we're increasing capacity as we deploy new hardware over the next couple of months – no impact is expected, once done TAS might get some caching
- Investigating QWILT open caches, as a way to get more content into the IXes

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Portal update



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Portal Update



- Finished rewriting backend in Filament, deleted Nova
- Moved a lot more frontend into Filament
- Large rewrite to Events – thanks Cameron
- Cam is working on NZIX instance now, lots of purple spray paint!
- Kyle is working on Billing – the Xero API still sucks.
 - We will have better ordering workflows from this!
- Once Billing and NZ have been completed, we will enable the full automation workflows
 - We've had some dodgy config generated, caught by the humans.
 - Aiming for fully automated provisioning by the end of Q2 2025, including diagnostic data in the portal, optical and graphing!

feat: Events revamp #2853

Merged nicko170 merged 142 commits into `filament-admin-panels` from `events-revamp` on Dec 6, 2023

Conversation 21 Commits 142 Checks 6 Files changed 100

Feat!: Move to Filament Admin Panels #2739

Merged nicko170 merged 1,282 commits into `master` from `filament-admin-panels` on Feb 29

Conversation 66 Commits 250 Checks 4 Files changed 1,312

WIP: Billing Automation #3434

Open kzrinski wants to merge 56 commits into `master` from `kz-feat-billing-auto`

Conversation 0 Commits 56 Checks 7 Files changed 155

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Public Policy & Advocacy



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Our work in 2023-24



- 19 Submissions
 - Security of Critical Infrastructure
- Industry Events
 - AprIGF 2023
 - IETF 119
- Guidance Material
- Public Policy Advisory Panel



Upcoming Issues



- Triple 0
- Telecommunications Consumer Protections Code review
- Security of Critical Infrastructure
- Online Safety Act
- Privacy Act
- CSP Register



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Events



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2023 Member Events Recap



18 Member Events



4 Online



14 In-person



2023 Member Events Recap



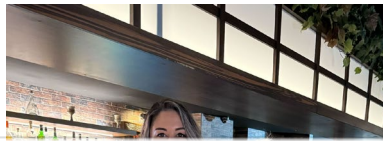
 18 Member Events



4 Online



14 In-person



 Event surveys showed
100% satisfaction!

2023 External Events & Sponsorships



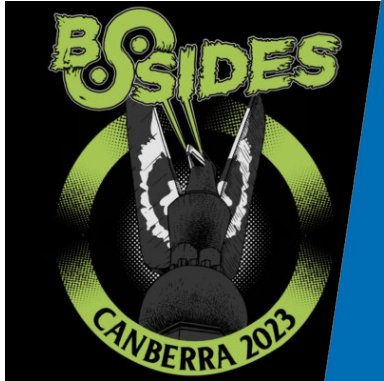
 16 External events

 8 Sponsored

 14 Presented



\$50 OFF FOR IAA MEMBERS
STATE OF SOCIAL '23
22 & 23 AUGUST
OPTUS STADIUM PERTH



Event partner
Internet Association of Australia
CyberOz 2023 Guest Speaker
Narelle Clark
Thursday 15 September at UNSW



2023 IAASystems



Recent qualitative analysis found that participants felt the program helped them to grow in confidence and advance their careers.



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2024 – The story so far...



Online

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ONLINE PANEL DISCUSSION
It's an emergency!
TUESDAY 12 MARCH 2024

Introducing our Moderator
NARELLE CLARK
CEO of the
Internet Association
of Australia

TAS-IX Launch

IAA just put Tasmania on the map.
Join us to celebrate!

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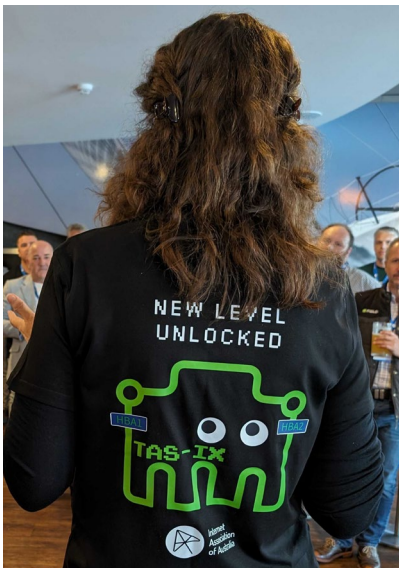
In-person

MELBOURNE

Join us at
The Oxford
Scholar

TUESDAY
23 APRIL 2024

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2024 – More to come...



IAA Events

IAASystems 2024
2 x IAA Convergent Webinar events
5x IAA Convergent Socials Sydney Perth Brisbane Adelaide (+ A1 launch) Canberra (+ ACT-IX Anniversary)
5x End of Year Celebrations Hobart Sydney Melbourne Adelaide Perth Brisbane

Sponsoring / Attending

Data Centre Real Estate Summit	Assoc Forum Nat Conf
Signet	AusNOG 2024
B-Sides Canberra	AuIGF



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Thank you
for attending!



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