Internet Association of Australia Ltd
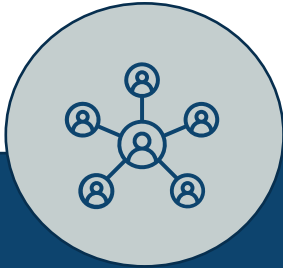
2023 ANNUAL GENERAL MEETING

Welcome, the meeting will start shortly, once all attendees are admitted

Acknowledgement of Country

Welcome

Declaration of Quorum

Welcome to Members

Previous Minutes

THANK YOU!

Thank you to the 2022-2023 IAA Board and staff

BOARD

Matthew Enger, Chair

Brett O'Hara, Deputy Chair

Nathan Brookfield

Daryl Collins

David Hooton

Matthew Moyle-Croft

Richard Thompson

STAFF

Narelle Clark, CEO

Nick Pratley, Tech Team Leader

Kitty Hibble, Exec Officer/Company Secretary

Sabrina Chang-Rozario, Events Coordinator

Aaron Chidiac, Peering Engineer

Anita Chidi-Amadi, Admin Assistant

Jemma Goddard, Accounts Officer

Felicity Grigo, Accounts & Admin Assistant

Tanzia Hewer, Project Officer

Sophia Joo, Policy Officer

Matthew Kobayashi, Peering Engineer

Cameron Steel, Developer

Suzanne Thompson, Marketing Officer

Kyle Zrinski, Developer

Chris Bishop, Fatima Dauda, Mark Evans, Emily Gallarde, Lisa Nelson (Alumni)

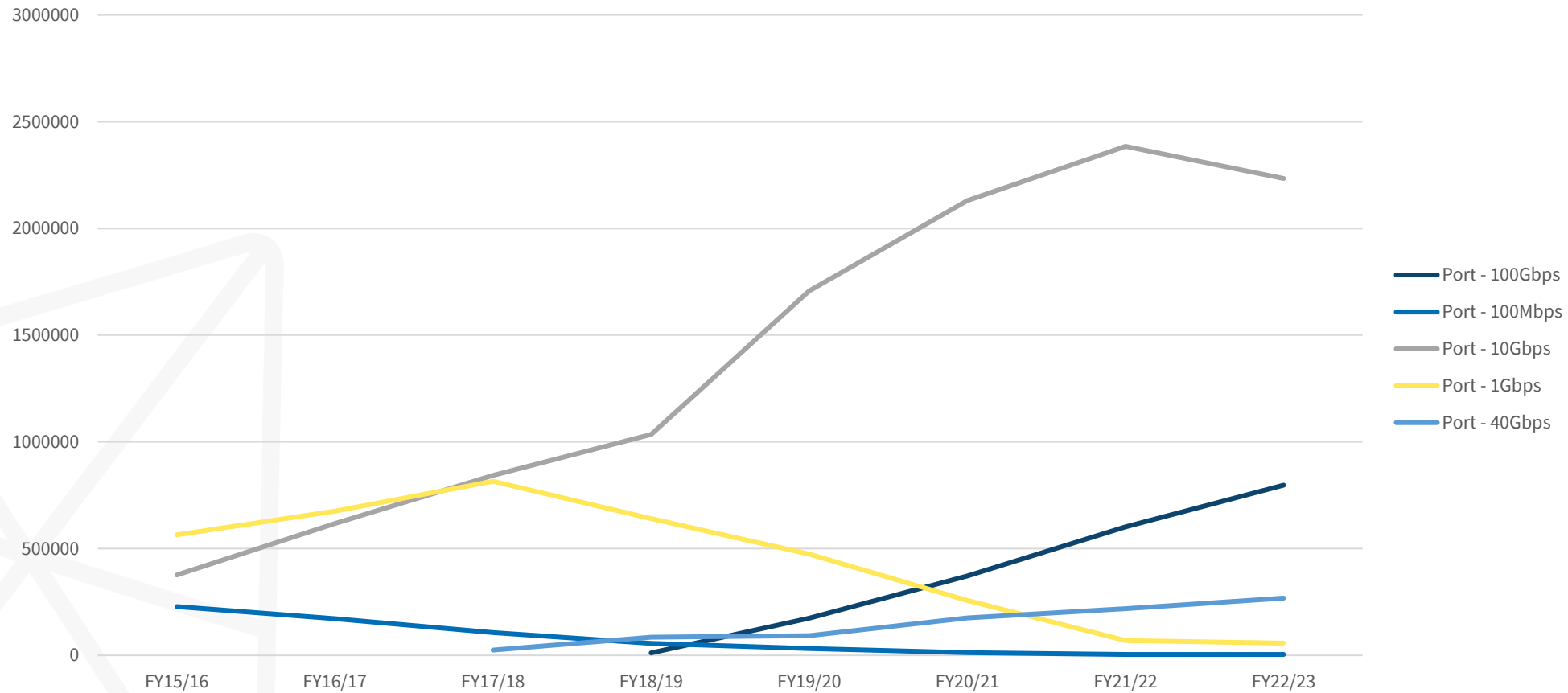# Chair of F&A Report

Presentation of Audited Financials

- Income $3,99m (down from $4.08m in 2022)

Xero - Revenue by Port Size
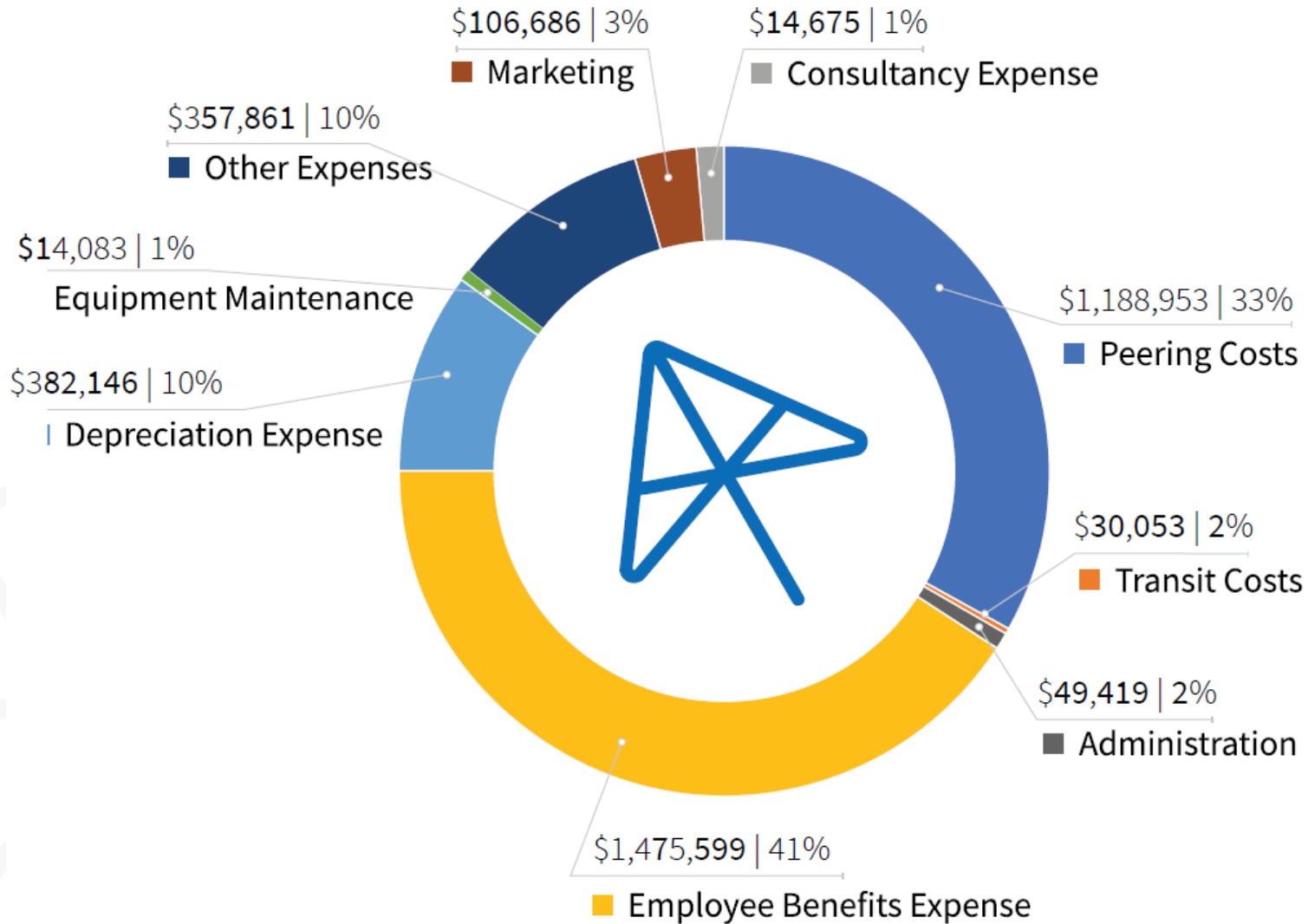

Legend:
- Port - 100Gbps
- Port - 100Mbps
- Port - 10Gbps
- Port - 1Gbps
- Port - 40Gbps

X-axis: FY15/16, FY16/17, FY17/18, FY18/19, FY19/20, FY20/21, FY21/22, FY22/23

Y-axis: 0, 500000, 1000000, 1500000, 2000000, 2500000, 3000000

Income

$78,331 | 2%
Transit, VLL, Virtual Peering

$29,888 | 1%
Colocation

$52,993 | 1%
Extended Reach

$199,230 | 5%
iVLL Income

$168,205 | 4%
Management Income

$138,638 | 3%
Membership - Corporate

$5,272 | 1%
Membership - Professional

$795,465 | 20%
Port - 100Gbps

$267,023 | 7%
Port - 40Gbps

$2,258,129 | 57%
Port - 1/10Gbps

Expenses

$106,686 | 3%
Marketing

$14,675 | 1%
Consultancy Expense

$357,861 | 10%
Other Expenses

$14,083 | 1%
Equipment Maintenance

$382,146 | 10%
Depreciation Expense

$1,188,953 | 33%
Peering Costs

$30,053 | 2%
Transit Costs

$49,419 | 2%
Administration

$1,475,599 | 41%
Employee Benefits Expense

Presentation of Audited Financials

- Net Year surplus of $420,056 (up from $417,380 in 2022)
- Significant cash balance ($1.99m)
- Net Assets of $4.31m
- The Board confirmed IAA's Not-For-Profit tax exempt status
- Network upgrades and expansion completed
- IP address block acquired to replace reallocated Swamp Space

Any questions?

Appointment of Auditor

The Board recommends that:

Crunch Auditing
of Suite 3, 128 Main Street Osborne Park, WA 6017
be adopted by members as our auditors for FY23-24

Motion:

That Crunch Auditing ABN 43 158 633 615 of Suite 3, 128 Main Street Osborne Park, WA 6017 be adopted as the IAA auditors for FY23-24 at a fee of $5,000.

CEO Report

IX Upgrades, Updates and Upheavals

- WA-IX
  - Renumbering completed
  - Future: P2 being scoped
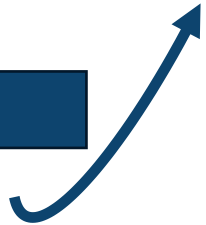 - QV1 to close at end of lease
- NSW-IX 400Gbps
  - New switches now in service
  - Aiming for 400Gbps port services in January 2024

- SA-IX Changes
  - Billing commenced 50% off for first year for existing users
  - More traffic – welcome Fastly
  - A1 from day 1
  - Bye bye Adam DC
  - Bye bye 132 Franklin (1 March 2024)

  Extended to 1 August 2024!

NEW Member Discounts

- iVLL Price Review
  - Tender conducted for underlying capacity
  - New pricing schedule with significant drops to most services

- DC Deals from Colocity, NextDC and YourDC
  - With a new IAA IXP port
  - Free periods

Introducing…

- TAS-IX
    - Locations: Tasmanet DC3 and 7HOB
    - No iVLL services for now
    - Content will be present

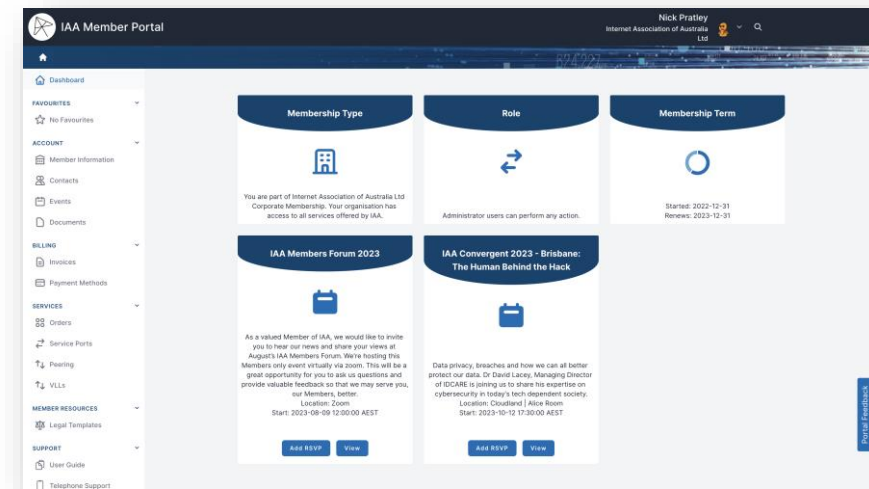- Thank you to FSG for partnership

- FREE!!
    - for 12mo

Stay tuned for RFS date!

Other Projects

- Route Server Replacement Program
  - New hardware
  - Better redundancy
  - Management virtual interface and IX virtual interface
  - IX virtual interface in own network namespace
- New Intercap network
- Portal
  - New stack
  - Loads of new features
  - Member resources section
   *(FREE LEGAL DOCS!)*

Portal – The Future *contd*

- Alerts and better marketing lists
  - Service events and alerts in the portal
  - We are going to fix marketing comms
  - More control over what you can opt in and out of
- Billing and Payments
  - We keep hitting weird loopholes with Xero that don't seem important for them to fix (some have been on Xero Central for ~10 years)
  - Bringing in house, portal will generate invoices, and store them in Xero for accounting purposes only – easier for staff when you need VLL speed changes
  - Replace PayWay with Stripe for Credit Card processing
  - Do you want to see bank payments? Researching Go Cardless and BPay options to add to portal
- Metrics
  - Bringing more metrics and graphs into the portal
  - Optical DOM, service graphs, VLL usage, route server info
  - Anything else you want to see in here?
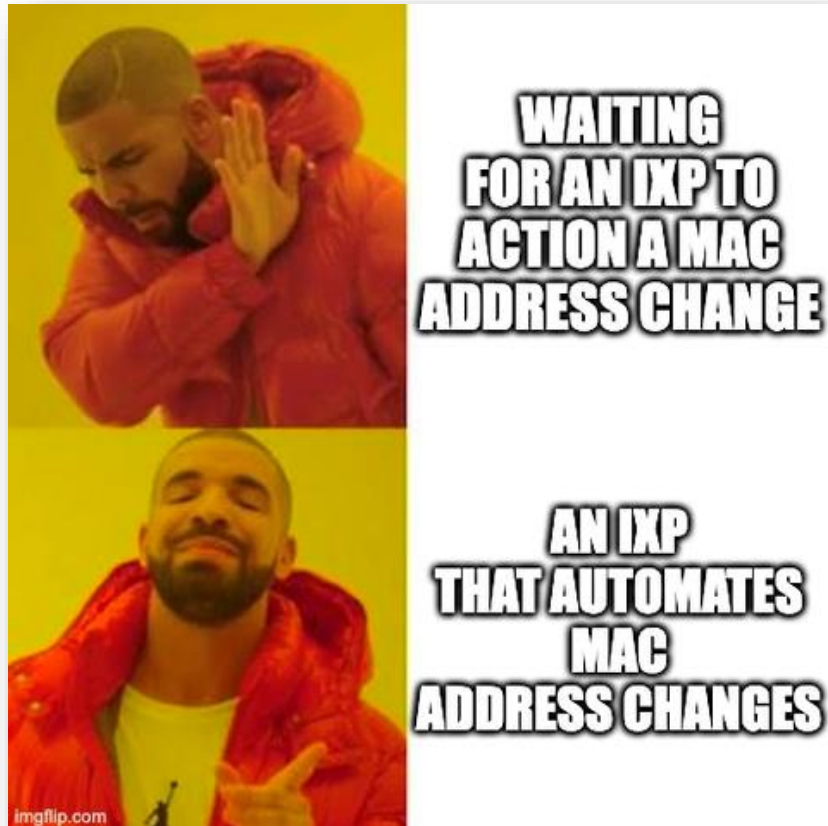
Matt Kobayashi, 2023

https://twitter.com/acontios_net/status/167949901075778355 7

OUR NETWORK

As at 1st January 2023

AKL-IX

- **AKL1** Data Centre 220
  220 Queen St AUCKLAND CBD
- **AKL2** Vocus DC
  7A Parkhead Pl ALBANY
- **AKL3** Chorus MDR
  31 Airedale St AUCKLAND CBD
- **AKL4** DataVault
  162 Grafton Rd GRAFTON
- **AKL5** Datacom
  6 Orbit Dr ROSEDALE

WLG-IX

- **WLG1** Spark Wellington Central Exchange
  70 Featherston St PIPITEA
- **WLG2** Xtreme DC
  191 Thorndon Quay PIPITEA

CHC-IX

- **CHC1** Christchurch Central Exchange
  109 Hereford St CHRISTCHURCH CBD
- **CHC2** Computer Concepts Ltd
  21 Durham St South SYDENHAM

HIGH SCORE 7606

IAA LAN

Internet Association of Australia

OUR NETWORK

As at 1st January 2023

WA-IX

- **PER1** QV1
  250 St Georges Tce PERTH
- **PER2** VDC-PER01
  1 William St PERTH
- **PER4** Equinix PE2
  37 Lemnos St SHENTON PARK
- **PER5** NextDC P1
  4 Millrose Dr MALAGA

SA-IX

- **ADL1** AdamDC
  19 London Rd MILE END SOUTH
- **ADL2** VocusDC
  Level 1, 132 Franklin St ADELAIDE
- **ADL3** YourDC Edinburgh Parks
  23-27 Woomera Ave EDINBURGH
- **ADL4** YourDC Hawthorn
  60 Belair Rd HAWTHORN
- **ADL5** Colocity DC3
  172 Morphett St ADELAIDE

VIC-IX

- **MEL3** NextDC M1
  826 Lorimer St PORT MELBOURNE
- **MEL4** Equinix ME1
  600 Lorimer St PORT MELBOURNE
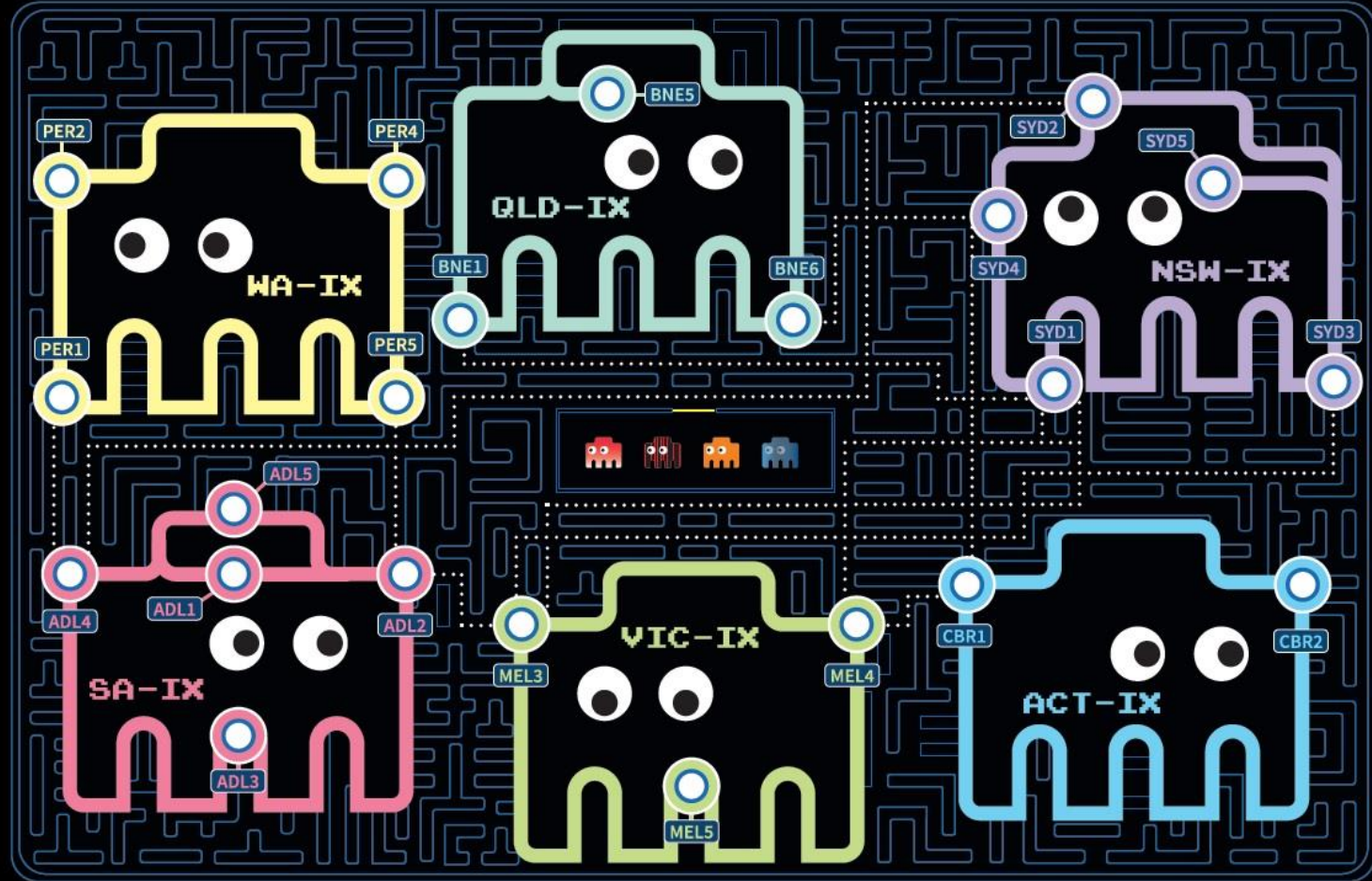- **MEL5** Vocus DC3
  530 Collins St MELBOURNE

QLD-IX

- **BNE1** NextDC B1
  20 Wharf St BRISBANE
- **BNE5** Host Networks
  1/53 Brandl St EIGHT MILE PLAINS
- **BNE6** NextDC B2
  454 St Pauls Tce FORTITUDE VALLEY

NSW-IX

- **SYD1** Equinix SY1/2
  639 Gardeners Rd MASCOT
- **SYD2** Global Switch
  400 Harris St ULTIMO
- **SYD3** Equinix SY3
  47 Bourke Rd ALEXANDRIA
- **SYD4** NextDC S1
  4 Eden Park Rd MACQUARIE PARK
- NextDC S2
  6/8 Giffnock Ave MACQUARIE PARK
- **SYD5** Vocus VDC-SYD01
  69 Doody St ALEXANDRIA
- FujitsuDC
  23-25 Waterloo Rd MACQUARIE PARK

ACT-IX

- **CBR1** NextDC C1
  19 Battye St BRUCE
- **CBR2** TransACT
  470 Northborne Ave DICKSON

CHORUS

AKL-IX

AKL1 AKL5 AKL3 AKL2 AKL4

WLG2 WLG1

WLG-IX

CHC1 CHC2

CHC-IX

PER2 PER4

WA-IX

PER1 PER5

BNE5

QLD-IX

BNE1 BNE6

SYD2 SYD5

NSW-IX

SYD4 SYD1 SYD3

ADL5

ADL4 ADL1 ADL2

SA-IX

ADL3

MEL3 MEL4

VIC-IX

MEL5

CBR1 CBR2

ACT-IX

www.internet.asn.au

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IX Statistics over the Financial Year

1.0 Tbps
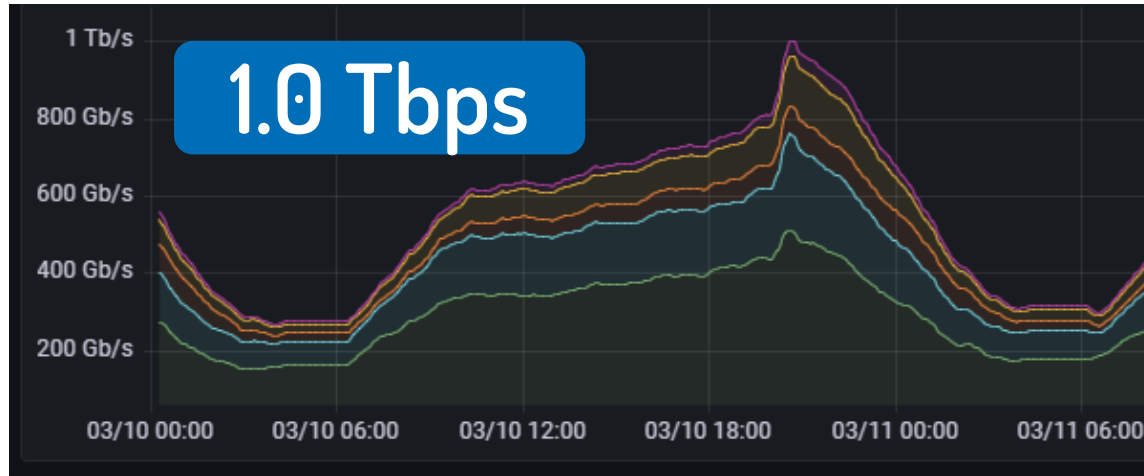
	Last *	Max	Min
NSW-IX	302 Gb/s	548 Gb/s	41.3 Gb/s
VIC-IX	155 Gb/s	251 Gb/s	1.57 Gb/s
WA-IX	78.1 Gb/s	143 Gb/s	9.43 Gb/s
QLD-IX	65.7 Gb/s	153 Gb/s	12.5 Gb/s
SA-IX	19.2 Gb/s	69.7 Gb/s	1.57 Gb/s
Total	619 Gb/s	1.02 Tb/s	194 Gb/s
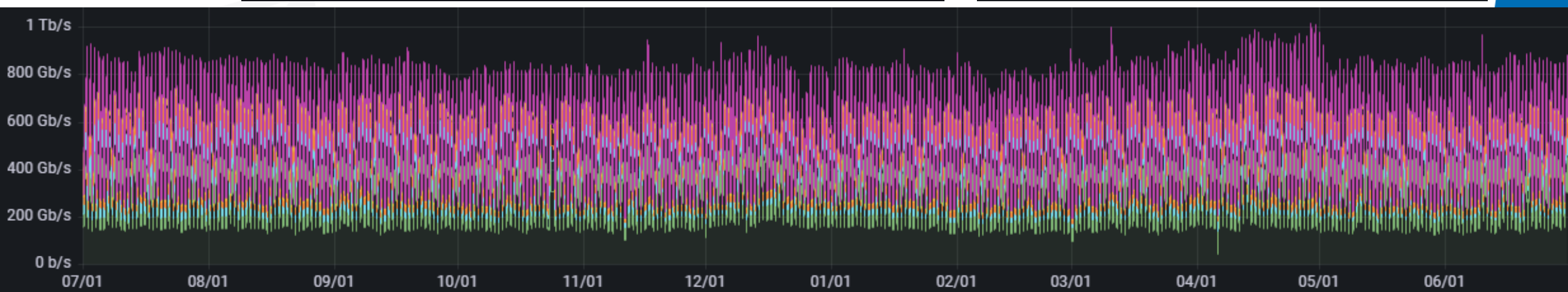
Public Policy and Advocacy

24 Submissions

- NBN Co Special Access Undertaking
- Security of Critical Infrastructure
- Online defamation
- Privacy

Industry Events

- NetThing 2023
- Cybersecurity conferences
- Comms Day Policy Forum

Public Policy and Advocacy *contd*

- Industry Representation
  - Interception Consultative Committee
  - Telecommunications Security
  - Risk and Resilience Expert Panel
  - Aus – Internet Governance

- Educational Material
  - Online Safety Code – Internet Carriage Services

ARE YOU COMPLIANT?

Our Events

Event	Location	Date
WAIX 25th Anniversary Celebration	Perth	Oct-22
Keep Ukraine Connected	Online	Nov-22
2022 Perth End of Year Member Event	Perth	Nov-22
2022 Adelaide End of Year Member Event	Adelaide	Dec-22
2022 Brisbane End of Year Member Event	Brisbane	Dec-22
2022 Melbourne End of Year Member Event	Melbourne	Dec-22
2022 Sydney End of Year Member Event	Sydney	Dec-22
IAA Convergent 2023 - Malicious Domains: Where they are, and what we can do about them	Online	Mar-23
IAA Convergent 2023 - RPKI and ROV training in Partnership with APNIC Academy Training	Adelaide	Apr-23
IAA Convergent 2023 - Can I trust my clock? Why NTP is a fail	Melbourne	May-23
IAA Convergent 2023 - Online: Can I trust my clock? Why NTP is a fail	Online	Jun-23
NSW-IX 10th Anniversary Celebration	Sydney	Jun-23
IAA Convergent 2023 - RPKI and ROV training in Partnership with APNIC Academy Training	Canberra	Jul-23
IAA Convergent 2023 - RPKI and ROV training in Partnership with APNIC Academy Training	Sydney	Jul-23
IAASysters 2023	Gold Coast	Sep-23
AusNOG 2023	Gold Coast	Sep-23
IAA Convergent 2023 - Whisk(e)y Social	Perth	Sep-23
IAA Convergent 2023 - LED there be lights! A techie's guide to holiday illumination	Online	Sep-23
IAA Convergent 2023 - The Human Behind the Hack	Brisbane	Oct-23

Internet Association of Australia

CONVERGENT Hybrid Conference

IN PERSON BRISBANE

The human behind the hack

Presented by Dr David Lacey Managing Director of IDCARE

THURSDAY 12 OCTOBER 2023

REGISTER NOW!

Sponsorships

Sponsorships	Level
Apricot 2022	Platinum
AusNOG 2022	Gold
WiTWA Conference & Awards 2022	Silver
Peering DB 2022	Gold
CommsDay Summit 2022	In-kind
Cyber Security for Government Summit	In-kind
DIGITAL GOVT 2022- Government Digital Transformation 2022	In-kind
NetThing 2022	Panel
Enex Communications Industry Boat Cruise 2022	Association
Exito Cyber Security Conference Sydney	In-kind
Apricot 2023	Bronze
Peering DB 2023	Gold
Digital Transformation Live 2023	In-kind
CyberOZ 2023	In-kind
State of the Social	In-kind
NetThing 2023	*Notebooks/Pens*
APrIGF	*In-kind*
AusNOG 2023	*Sponsor*
BSides Canberra 2023	*Bronze*
WiTWA Conference & Awards 2023	*Bronze*
Future - Apricot 2024	*Bronze*
Future - Peering DB 2024	*Gold*
Future - Digital Transformation Live 2024	*In-kind*

28 Aug, Brisbane Convention Centre

Chair's Report

Board – Year in review

BOARD
Matthew Enger, Chair
Brett O'Hara, Deputy Chair
Nathan Brookfield
Daryl Collins *
David Hooton *
Matthew Moyle-Croft
Richard Thompson

- Held 8 meetings between September 2022 and October 2023
- One in person after AGM in WA
- Attendance was high with only 2 board members missing 1 meeting each (*)
- Voluntary – no board member has been paid for this role
- Number of sub committees
  - Finance and Accounts (F&A)
  - Membership
  - Technical Review
  - Regional IX
  - Public Policy

Thank you

DARYL COLLINS

- Joined the IAA board in 2018
- IAA representative on NZIX Committee since 2019
- Provided fantastic support and mentoring to both Board and Staff on network design and the different technologies available to link our various locations together and pricing/costing
- Great strategic thinker

Strategic Support

- Role of Board is to set strategic direction and to support the activities of the CEO and staff to implement the plan

- Looking at 400G rollout and our plans to support that into other exchanges along with other upgrades and new sites

- Looking at our professional member offering

- Looking at our public advocacy process and better

- Developing 3 year plan to be shared with members setting clear direction for the future

Board Election

Three Seats

Six Nominees

Election!

And the Nominees are:

Karl Kloppenborg

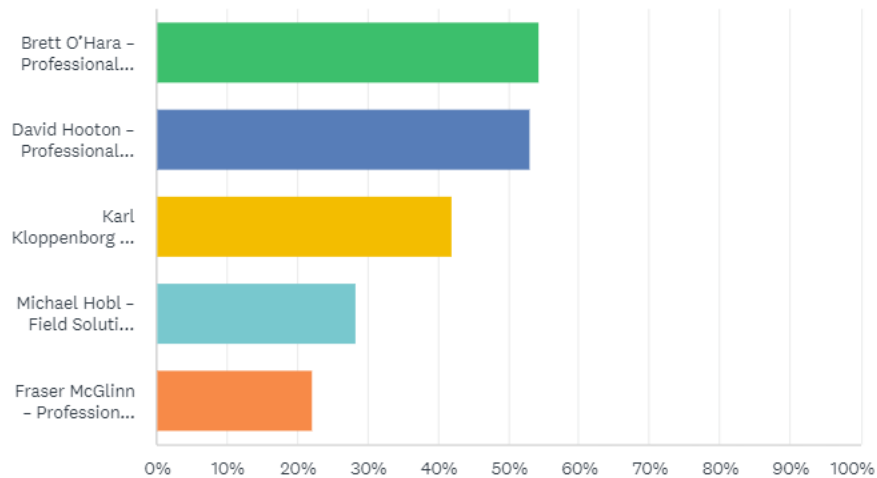Michael Hobl

David Hooton

Matthew Moyle-Croft

Brett O'Hara

Fraser McGlinn

Please select your preferred two candidates for the three-year terms.

Answered: 81   Skipped: 0

ANSWER CHOICES	RESPONSES	
▼ Brett O'Hara – Professional Member	54.32%	44
▼ David Hooton – Professional Member	53.09%	43
▼ Karl Kloppenborg – Professional Member	41.98%	34
▼ Michael Hobl – Field Solutions Group, Corporate Member	28.40%	23
▼ Fraser McGlinn – Professional Member	22.22%	18
Total Respondents: 81		

Brett O'Hara

David Hooton

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Election Result – 1-year term

Please select your preferred candidate for the one-year term.

Answered: 81   Skipped: 0
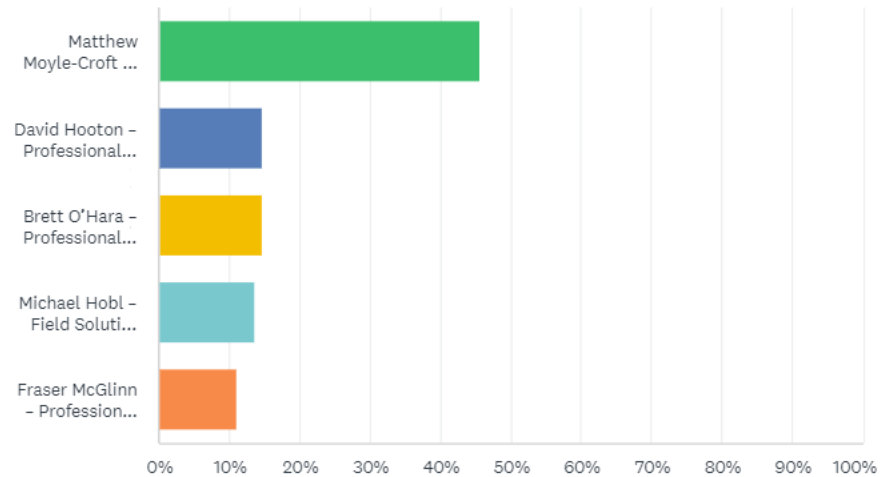
Matthew
Moyle-
Croft

ANSWER CHOICES	RESPONSES	
Matthew Moyle-Croft – Professional Member	45.68%	37
David Hooton – Professional Member	14.81%	12
Brett O'Hara – Professional Member	14.81%	12
Michael Hobl – Field Solutions Group, Corporate Member	13.58%	11
Fraser McGlinn – Professional Member	11.11%	9
Total Respondents: 81		

Q & A

- If you have any questions, please place them in the Q&A or raise your 'hand' and you will be given an opportunity to speak.

Thank you for your support