Record of Meeting

Meeting	Technical Advisory Standing Committee Meeting
Date / Time	Tuesday 6 December 2022 / 11.00am – 1.00pm AEDT
Location	**Hybrid:** auDA's Boardroom, Level 19, 8 Exhibition Street, Melbourne and via Microsoft Teams
Present	Nigel Phair (Chair) Dr Lisa Dethridge Paul Day Geoff Huston, AM Jonathan Gleeson (*joined at 12.18pm*)	Kim Lowton Jo O'Brien Anuja Rao Martin Schlatter Patrick Fair
Also in attendance	Rosemary Sinclair AM, auDA CEO (*joined at 11.18am*) Bruce Tonkin, auDA COO (*joined at 11.39am*) Colin Brown, auDA CPCO Sonia Joksimovic, auDA Co Sec	Matthew Healy, auDA Director Peter Elford, auDA Director (*left at 12.41pm*)
Invitees	Hamish Hansford, Department of Home Affairs, Group Manager and Inaugural Head of the Australian Cyber and Infrastructure Security Centre Steph Viljoen, Manager Compliance (*part attendance from 11.12am – 11.38am*)	
Apologies	Nil	

1. Welcome and Introduction

The Chair welcomed members present and opened the meeting at 11.03am.

The Chair noted there were no apologies and confirmed a quorum was present.

2. Acknowledgement of Country

The Chair provided an Acknowledgement of Country, paying respect to the traditional owners of the land upon which Committee members were located during the meeting, including elders past and present.

3. Declaration of Interests

The Committee noted the standing Declarations of Interests Register.

The Chair confirmed from all present that there were no conflicts of interest to be declared.

The Chair moved to agenda 5

5. Previous Record of Meeting – 6 September 2022

The Committee reviewed the draft record of the meeting held 6 September 2022 and **resolved** to approve the record of the meeting, as true and correct.

6. Actions Arising from the Previous Meeting

The Committee noted an update on previous meeting actions.

7. Updated Committee Workplan for 2023 Focus

Following the last meeting discussion and actions arising, the Chair spoke to the updated Committee Workplan which has focus topics assigned to members who have volunteered their subject matter interest, for further meeting consideration and discussion in 2023.

The Chair noted that each assigned member will provide an overview at the meeting, as scheduled from agenda 8-13.

There were no further comments noted or questions raised by the Committee.

Due to technical connectivity, the Chair moved to agenda 9.

8. Protecting the DNS

The Chair invited Geoff Huston to provide an overview on *Protecting the DNS,* with the Committee noting the following proposed activities, for future consideration and discussion:

1. The preparation of brief presentation material for the Board to advocate for the adoption of DNSSEC-signing of domains in .au by registrants, and the adoption of DNSSEC signature validation by recursive resolvers within ISPs in Australia.

2. The production of ongoing reports on a monthly basis on:

- the level of validation of DNSSEC-signed DNS data by users located in Australia and by operators of recursive resolvers in Australia; and

- the inspection of zone files in .au subdomains to provide stats on the rate of zone signing of delegated domains within .au

3. A proposal to auDA to improve the focus of the grant program on the development of tools and techniques that use and/or take advantage of a trustable name infrastructure via DNSSEC signing and validation.

4. Policy options to the auDA Board for market incentives for the registration of DNSSEC-signed zones.

The Chair thanked Geoff Huston for his overview and suggested the Committee focus on two options presented, for further discussion in 2023.

There were no further comments noted by the Committee.

The Chair reverted to agenda 8.

9. Outputs from ICANN technical forums

The Chair invited Jo O'Brien to provide an overview from the iCANN75 conference, strategic plan and other public domain documents, which then informs the *Outputs from ICANN technical forums*, for future discussion and exploration by the Committee, noting the following:

1. Upgrade to IPV6
2. Fragmentation of the DNS, which includes:
   - Consideration at Local level
     (i.e. to ensure infrastructure not impacting fragmentation)
   - Influencing Government; and
   - Nationalised Domain Names
3. IDNs (Internationalized Domain Names); and
4. Upgrade of IANA's (Internet Assigned Numbers Authority) Root Zone Management System

The Chair thanked Jo O'Brien for her overview and suggested the Committee focus on two areas outlined, for further discussion in 2023.

There were no further comments noted by the Committee.

10. Protecting Australia's Critical Infrastructure

The Chair invited Patrick Fair to provide an overview on *Protecting Australia's Critical Infrastructure*, with the Committee noting an overview on recent developments in law and industry for ongoing monitoring.

The Committee noted the Security of Critical Infrastructure Compliance Workflow included with the Presentation.

Action: It was **agreed** Kim Lowton will assist Patrick Fair to provide a summary on the DSA Regulation (Digital Services Act) enacted in July 2022, ICANN's perspective on the DSA including the domain name system in scope, and any known relevance there may be for TASC and auDA from a technical perspective for discussion at the next Committee meeting [Kim Lowton & Patrick Fair, February 2023]

Action: It was **agreed** a copy of the *Protecting Australia's Critical Infrastructure* overview presentation and Compliance Workflow, tabled at the meeting, would be circulated and included with the Record of Meeting [CoSec, December 2022]

Action: It was noted auDA's COO is a member of the DNS Abuse Institute Advisory Council (https://dnsabuseinstitute.org/) , and is Vice-Chair of the ccNSO DNS Abuse Standing Committee (DASC) (https://ccnso.icann.org/en/workinggroups/dasc.htm) and suggested future briefings may be considered for inclusion in the Committee workplan [CoSec/ auDA's COO, 2023]

There were no further comments noted by the Committee.

Due to the arrival of the Committees' Guest Speaker, the Chair reverted to agenda 4.

4. Subject Matter Expert and Guest Speaker: Cyber and Critical Infrastructure Security

The Chair welcomed subject matter expert and guest speaker, Hamish Hansford, Group Manager and Inaugural Head of the Australian Cyber and Infrastructure Security Centre, to update the Committee on *Cyber and Critical Infrastructure Security*.

The Committee noted an overview on the legislative regime for Critical Infrastructure and obligations that have come into effect July 2022 for mandatory Cyber Incident Reporting and the consequential impacts on supply chains.

Mr Hansford outlined a significant change required in future for Company Boards and CEOs to ensure cyber protection, which also includes learnings to improve public communication, following the recent Optus and Medibank scandals.

There were no further comments noted by the Committee.

Hamish Hansford left the meeting and the Chair moved to agenda 11.

11. Australian National Cyber Security Strategy

The Committee noted the Cyber Watch Summary included in the meeting paper, as prepared by Anuja Rao.

The Chair invited Anuja Rao to provide an overview on *Australian National Cyber Security Strategy*, with the Committee noting the following three sector focuses:

- Government
- Large Corporations; and
- SME's

There were no further comments noted by the Committee.

12. Cyber Security Threats and Vulnerabilities

The Chair invited Martin Schlatter to provide an overview on *Cyber Security Threats and Vulnerabilities*, with the Committee noting the purpose is to:

- Support auDA's top 12 material themes (i.e. contribute to value creation for a stable, secure, reliable .au DNS
- Support UN Sustainable Development Goals, specifically SDG9 (i.e. build resilient infrastructure, ensure .au DNS critical infrastructure can contribute to deliver safe and secure internet)

Action: It was **agreed** a copy of the *Cyber Security Threats and Vulnerabilities* Overview presentation tabled at the meeting, would be circulated and included with the Record of Meeting [CoSec, December 2023]

Action: The Chair suggested Mark Thomas from NTT Global Threat Intel be invited as a guest speaker to a 2023 Committee meeting [Martin Schlatter, 2023].

There were no further comments noted by the Committee.

13. DNS Fragmentation

The Chair invited Lisa Dethridge to provide an overview on *DNS Fragmentation*, which included a recap of what DNSSEC is and the benefits of deploying DNSSEC to then defend against fragmentation, including DNS cache poisoning attacks that can be used to redirect traffic.

Action: It was **agreed** a copy of the *DNS Fragmentation Overview* presentation tabled at the meeting, would be circulated and included with the Record of Meeting [CoSec, December 2023].

There were no further comments noted by the Committee.

The Chair thanked all members for their respective contributions.

14. Update on 2022 auDA Grants Foundation Program

The CPCO provided an update on auDA's Foundation 2022 Grants Program.

The Committee noted an independent panel reviewed 116 shortlisted applications, finalising these to 15 applications for recommendation and Board approval. and that successful grant recipients will be informed under embargo with a public announcement released late January 2023.

There were no further comments noted or questions raised by the Committee.

15. Committee Succession Update

The CPCO noted that further to the 2021 reconstitution of the Advisory Committee, consultation with the Committee Chair is in progress to finalise a report for members who have an initial one year term, to be considered for reappointment by the Board, at its February 2023 meeting.

16. Proposed 2023 Meeting Dates

The Committee noted the following meeting dates scheduled for 2023:

- Tuesday 28 Feb 2023 @ 11.00am – 1.00pm
- Tuesday 13 June 2023 @ 3.00pm – 5.00pm
- Tuesday 5 Sept 2023 @ 11.00am – 1.00pm
- Tuesday 12 Dec 2023 @ 11.00am – 1.00pm

Action: The Company Secretary to issue calendar invites for the scheduled 2023 Meetings [CoSec, December 2022].

17. Meeting Close

The Chair confirmed there was no other business for discussion and any further comments or questions from the Committee.

The Committee noted the next meeting date is scheduled **Tuesday 28 February 2023 at 11.00am - 1.00pm**.

The Meeting closed at 12.59pm

Signed as a true and correct record.

Nigel Phair
Committee Chair

Date: