5th ICANN APAC-TWNIC Engagement Forum With 41st TWNIC IP Open Policy Meeting

日期：2024 年 4 月 23-24 日(星期二至星期三)
Date: April 23-24, 2024
地點：台北福華大飯店 B2 宴會廳
Venue: Banquet Hall, B2, Howard Plaza Hotel Taipei

第 1 天：2024 年 4 月 23 日(星期二)
Day 1: Tuesday, 23 April 2024 (UTC+8)

時間 Time	議程 Agenda	
08:30- 09:00	報到 Registration	
09:00- 09:30	開幕致詞 Opening Remarks	**Speakers:** ● Audrey Tang, Minister, Ministry of Digital Affairs ● Jia-Rong Low, Vice President, Stakeholder Engagement and Managing Director, APAC, ICANN ● Karla Skarda, Senior Director, Registry, APNIC ● Kenny Huang, TWNIC Board Chair & APNIC Executive Council Chair
09:30- 10:00	主題演講 1 Keynote Speech 1 <u>主題：全球數位社會治理</u> **Topic: Governance for the Global Digital Society**	**Speaker:** ● Bertrand de la Chapelle, Executive Director, Internet & Jurisdiction Policy Network
	<u>議程簡介</u> **Session Description** 主講人 Bertrand de la Chapelle 將分享當前綜觀的概述以及對網路治理的展望。本次會議將討論如何在數位時代發揮治理功能，涵蓋治理網際網路的兩個面向：網際網路的治理以及網路世界的治理。本次主題演講將為高階開幕專題上的討論擬定脈絡。 Keynote speaker Bertrand de la Chapelle will share an overview of the current landscape as well as outlook on Internet governance. The session will discuss how governance can function in the digital age, covering the two dimensions of governance— governance of the Internet; and governance on the Internet. This keynote speech will provide an introduction and set the scene for the high-level opening panel discussion.		
10:00- 10:30	主題演講 2 Keynote Speech 2 <u>主題：台灣網路與數位治理現況：我們的立場</u> **Topic: The Internet Governance in Taiwan: Where We Stand Today**	**Speaker:** ● Jo-Fan Yu, Managing Director and CEO, TWNIC
	<u>議程簡介</u> **Session Description** 講者余若凡將就台灣網路與數位治理現況提供全面且深入的分享。本場次將探討台灣在數位時代背景下的治理架構運作方式，以及目前台灣面臨的挑戰。此外，講者將分享對台灣未來網路與數位治理的軌跡的展望，包括未來可能的發展、挑戰和機遇。 Jo-Fan Yu will provide an in-depth overview of Taiwan's current landscape in Internet and digital governance. The session aims to offer insights into how Taiwan's governance framework functions within the context of the digital age, as well as the challenges currently faced in Taiwan. Additionally, the speaker will share views on the future trajectory of Internet and digital		

	governance in Taiwan, including potential developments, challenges, and opportunities that lie ahead.	
10:30-10:45	中場休息 Tea Break	
10:45-12:15	全體會議 1：高階開幕小組討論 Plenary 1: High-Level Opening Panel Discussion 主題：維護全球互通的網際網路 **Topic: Maintaining a Global and Interoperable Internet**	**Moderator:** ● Jia-Rong Low, Vice President, Stakeholder Engagement and Managing Director, APAC, ICANN **Speakers:** ● Bertrand de la Chapelle, Executive Director, Internet & Jurisdiction Policy Network ● Anita Chen, Head of Public Policy, Taiwan, Google ● May-Ann Lim, Director of Data Governance, Access Partnership ● Karla Skarda, Senior Director, Registry, APNIC ● Jo-Fan Yu, Managing Director and CEO, TWNIC
	議程簡介 **Session Description** 本場次將討論保持全球互通網際網路的當前挑戰和機會。我們所看到的網際網路是內容，但它依賴於堅固的技術基礎。演講者將討論監管、商業和技術發展對網路的不同層面（從實體基礎設施到網路應用層）可能產生的影響。本會議還將討論各方利害關係人如何共同努力，以維護單一且互通的網際網路 This session will discuss current challenges and opportunities to maintaining a global and interoperable Internet. The Internet we see is the content, but it relies on a robust technical foundation. Speakers will discuss potential impacts from regulatory, commercial, and technological developments on the different layers of the Internet— from physical infrastructure, network, to the application layer. The session will also discuss how different stakeholder groups can work together to preserve the single and interoperable Internet.	
12:15-13:45	中午休息 Lunch Break	

政策場次 Policy Track		科技場次 Tech Track	

時間 Time	議程 Agenda		時間 Time	議程 Agenda	
13:45-15:00	IP 政策資源管理會議：網際安全特別興趣小組 IP OPM: Cybersecurity SIG 主題：網路安全事件與漏洞處理 **Topic: Cyber security events and vulnerabilities handling**	**Moderator:** ● Robert Chin, CISO, ASUSTek Computer **Speakers:** ● Dr. Benson Wu, Founder, Cycraft ● Takayuki Uchiyama, Manager, Panasonic		場次 1：網際網路韌性 Track 1: Internet Resiliency 主題：台灣的網路韌性-挑戰與機會 **Topic: Internet Resiliency in Taiwan— Challenges and Opportunities**	**Moderator:** ● Yien Chyn Tan, Stakeholder Engagement Senior Manager- APAC, ICANN **Speakers:** ● Jason Fan-Chieh Lin, ChungHwa Telecom ● Nai-Wen Hsu, TWNIC ● Champika Wijayatunga,

					ICANN
	議程簡介 **Session Description** 政府部門與民間企業面臨的資安風險日益增加，對網路安全的投入雖然積極但仍舊受限。為此，本會議將探討政府與企業將如何、何時、在何種條件下合作，分享處理網路安全事件和漏洞的策略、做法及案例研究。 Both public and private sectors from business and government are increasingly exposing each other to an expanding range of cyber-risks. However, based on current efforts to cybersecurity resources are limited in scope. Thus, this workshop will focus on what, how, and when the collaboration will be facilitated by business and government as well as share the tactics, practices, and case-studies of cyber security events and vulnerabilities handling.		議程簡介 **Session Description** 本場次將討論技術層面上台灣網際網路韌性的現狀講者將討論目前所面臨的挑戰、現有加強韌性的倡議和潛在的機會。此外，會議還將探討不同利害關係人如何共同努力，以打造一個強大而韌性的網際網路 This session will discuss the current landscape of the Internet's technical resiliency in Taiwan. Speakers will discuss current challenges, as well as existing initiatives and potential opportunities to strengthen resiliency. The session will also explore how different stakeholders can work together towards a robust and resilient Internet.		
15:00-15:15	中場休息 Tea Break				
15:15-16:30	IP 政策資源管理會議：國際合作特別興趣小組 IP OPM: Cooperation SIG 主題：網際網路發展之技術能力建設 **Topic: Technical Capacity Building for Internet Development**	**Moderator:** • Joy Chan, Deputy CEO, TWNIC **Speakers:** • Bikram Shrestha, President, Nepal Internet Foundation • Jason Kao, Professor, National Taiwan University • Srinivas Chendi, Sr. Advisor, APNIC	15:15-16:30	場次 2：人工智慧對網路的影響 Track 2: Impact of AI on the Internet 主題：人工智慧/新興科技的影響 **Topic: Impact of AI/Emerging Technologies**	**Moderator:** • Ken-Ying Tseng, Partner, Lee and Li, Attorneys at Law **Speakers:** • Maximilian Iju Chen, Head of Public Policy, Taiwan, Meta • Isabel Hou, Secretary General, Taiwan AI Academy • Jane Yung-Jen Hsu, Professor, Department of Computer Science & Information Engineering • Thomas Kuiper, Director & Member of Internet Committee,

					International Trademark Association (INTA)
		4			

	議程簡介 **Session Description** 國際合作特別興趣小組鼓勵不同利害關係人的積極參與，經由解決人力資本方面的問題，共同塑造網際網路的未來。 本次會議將聚焦在解決推動可持續網路發展所需的技術人才問題。討論當前技術能力的現狀，促進多方利害關係人的合作，展示成功案例研究，探討未來的技能需求，並提出政策建議。 Cooperation SIG encourages active participation from different interested stakeholders in shaping the future of the Internet by addressing human capital aspects. This session aims to address the need for a skilled workforce to drive sustainable Internet development. Discuss the current state of technical capacity, facilitate stakeholder collaboration, showcase successful case studies, discuss future skills requirements, and propose policy recommendations.		議程簡介 **Session Description** 生成式人工智慧的出現已席捲全球，通過快速生成文本、聲音、圖像，甚至是影片，徹底改變了各行各業和工作領域。雖然帶來了創新，但也引發了有關重要道德和法律問題的討論。人工智慧技術對網際網路的影響是什麼？本論壇邀請專業從事人工智慧和網路的專家，從各利害關係人自身的角度及專業背景分析人工智慧對網路的影響。這包括檢視其對網路基礎設施（如 DNS/IP）、不實資訊的傳播或防止、域名或品牌的保護，以及網路平台的營運和責任的影響。此外，本會議將聚焦在討論人工智慧的適當治理模式，例如多方利害關係人的方法是否可以作為參考，以及如果台灣要制定人工智慧基本法，人工智慧基本法應該治理的項目。 The advent of generative AI has swept across the globe, revolutionizing various industries and job fields by rapidly generating text, sound, images, and even videos. While bringing about innovation, it has also sparked discussions on important ethical and legal issues. What is the impact of AI technology on the Internet? This forum invites experts specializing in AI and the Internet to analyze the influence of AI on the Internet from the perspectives of their respective stakeholders as well as their own professional backgrounds. This includes examining its impact on the Internet's infrastructure such as DNS/IP, the spread or prevention of misinformation, protection of domain names or brands, and the operation and responsibility of Internet platforms. Furthermore, the forum aims to discuss the appropriate governance models for AI, such as whether a multi-stakeholder approach can serve as a reference and if Taiwan is going to stipulate an AI Basic Law, what matters shall the AI Basic Law be governing.
16:30-16:55	IP 政策資源管理會議：政策與法規特別興趣小組 **IP OPM: Policy SIG** 主題：RIR 和 NIR 政策更新 **Topic: RIR and NIR Policy Update**	**Moderator:** ● Ching-Heng Ku, Director, TWNIC **Speakers:** ● Srinivas Chendi (Sunny), Senior Advisor for Membership and Policy, APNIC	16:30-17:45	場次 3：數位權利/隱私和線上安全 Track 3: Digital Rights/Privacy & Online Safety 主題：強化網路資安與穩定的另一條途徑：檢視內容相關的承諾 **Topic: A Different Approach to Enhance the Internet's**	**Moderator:** ● Edmon Chung, DotAsia CEO **Speakers:** ● KUO Chia-yo, Taiwan Digital Diplomacy Association, Founder and President ● Tom Hong-Fu Meng, Net-Chinese

				Security and Stability: Looking at Content-Related Commitments	

議程簡介
Session Description

政策與法規特別興趣小組的宗旨是制定與網際網路數位資源管理和使用相關的政策。這些包括資源分配和轉移的政策，以及在 whois、RPKI 和相關服務中的資源註冊政策。

The Policy SIG charter is to develop policies which relate to the management and use of Internet number resources. These include policies for resource allocation and transfer and for resource registration within whois, RPKI and related services.

16:55-17:45	IP 政策資源管理會議：維運技術特別興趣小組 IP OPM: Operational Technology SIG **主題：維運技術的發展** **Topic: The Development of Operational Technology**	**Moderator:** ● David Lin, Far Eastone **Speaker:** ● Mason Liu, Partner solution architect, Amazon Web Services ● Kam Sze Yeung, Principal Network Architect, Akamai Technologies

議程簡介
Session Description

維運技術特別興趣小組是台灣在操作技術領域工作的專業人士和網路營運商的社群。該團體致力於促進技術的進步，以支持操作效率和效果。該特別網路組的成員共同合作，致力於與操作技術系統的實施、管理和安全相關的倡議，包括硬件、軟件和基礎設施。營運技術特別網路組在確保網路和系統的有效運作以及推動利用技術提高網路運營性能和服務交付方面發揮著關鍵作用。

The Operational Technology SIG is a community of professionals and network operators working in the field of operational technology in Taiwan. The group is focused on promoting the advancement of technology in support of operational efficiency and effectiveness. Members of the SIG work collaboratively on initiatives related to the implementation, management, and security of operational technology systems, including hardware, software, and infrastructure. The Operational Technology SIG plays a crucial role in ensuring the effective operation of network and systems and in advancing the use of technology to improve network operational performance and service delivery.

議程簡介
Session Description

從 ICANN 所定義的保護網際網路營運穩定的任務到更廣泛的行業自願承諾，業者正持續投入心力減緩 DNS 濫用和網路安全的威脅。本場次將探討各種努力，其中一些努力屬於 ICANN 的範疇，例如使用強制公共利益承諾（PICs）來阻止 DNS 濫用，受理註冊機構和註冊管理機構實施的其他濫用措施（以.KiDS 為案例研究），以及最近 ICANN 社群範圍內就註冊管理機構自願承諾（RVCs）進行的討論。

From ICANN's defined mission to preserve the operational stability of the Internet to wider industry voluntary commitments, there are increasing efforts to mitigate DNS Abuse and cybersecurity threats. This session will look at a wide array of efforts, some falling within the ICANN context such as the ways mandatory Public Interest Commitments (PICs) are used to deter DNS Abuse, measures against other abuses implemented by Registries and Registrars (.KiDS as a case study), and recent ICANN community-wide discussions on Registry Voluntary Commitments (RVCs).

第二天：2024 年 4 月 24 日(星期三)
Day 2: Wednesday, 24 April 2024 (UTC+8)

宴會廳 1 Banquet Hall 1	
時間 Time	議程 Agenda
08:30-09:00	報到 Registration
09:00-09:10	**IP政策資源管理會議開幕** IP OPM Opening	**Speakers:** ● Jo-Fan Yu, Managing Director and CEO, TWNIC
09:10-10:40	全體會議 2：IP政策資源管理會議：高階開幕小組討論 Plenary 2: IP OPM: Opening High Level Panel Session **主題：人工智慧技術及其對網路生態系統的影響** **Topic: AI technologies and impacts for network ecosystem**	**Moderator:** ● Jo-Fan Yu, Managing Director and CEO, TWNIC **Speakers:** ● Alex Leung, Enterprise Architect , Akamai ● Shishio Tsuchiya, SE Lead, Arista Network ● CH Wu, Chief Enterprise Business Officer, Taiwan Fixed Network

議程簡介
Session Description

隨著人工智慧技術的進步，網路和 IP 資源的管理和利用變得更加關鍵。智慧網路系統可以提高效率，加強安全保護，並促進資源的最佳分配。然而，這也引發了有關資源分配公平性、隱私保護以及智慧系統可能帶來的安全風險的擔憂。本次研討會將深入討論人工智慧在網路和 IP 資源管理中的應用、挑戰和機會，並探討如何利用人工智慧推動技術發展，同時確保網路生態系統的安全和穩定性。

With the advancement of AI technology, the management and utilization of network and IP resources have become more critical. Intelligent network systems can improve efficiency, strengthen security protection, and promote optimal allocation of resources. However, this also raises concerns about the fairness of resource allocation, privacy protection, and the security risks that intelligent systems may bring. This symposium will discuss in depth the application, challenges and opportunities of AI in network and IP resource management and explore how to use AI to promote technological development while ensuring the security and stability of the network ecosystem.

10:40-11:00	休息時間 Tea Break

	全體會議 3：網域名稱 Plenary 3: Domain Name **主題：下一輪新頂級域名計畫** **Topic: New gTLD Program: Next Round**	**Moderator:** ● Chiao Ching, General Manager, Dadian Data Technology Co., Ltd **Speakers:** ● Henry Chan, Product Manager, Nominet ● Man-ju Chen, Manager, NIIEPA ● Valerie Heng, Accounts Senior Manager, Global Domains and Strategy, ICANN ● Pitinan Kooarmornpatana, IDN Programs Sr. Manager, ICANN ● Ken-Ying Tseng, Partner, Lee and Li, Attorneys at Law
11:00-12:30	**議程簡介** **Session Description** 新通用頂級域名（gTLDs）計劃於 2012 年開始，使域名系統（DNS）進行了最大規模的擴展。開放下一輪申請以納入更多頂級域名的目標預計將於 2026 年第二季開始。這一場次，講者將分享營運和實際工作的進展，以及下一輪開放的關鍵里程碑。包括申請支援計劃、地理名稱申請考量因素，以及關於減輕與國際化域名（IDNs）相關的安全問題的倡議。 The new Generic Top-Level Domains (gTLDs) Program began in 2012, enabling the largest expansion of the Domain Name System (DNS). The next round of applications to enable even more top-level domain names is targeted to open in Q2 2026. In this session, speakers will share progress on operational and implementation work as well as key milestones towards the Next Round. This includes the Applicant Support Program, geographic name application considerations, and initiatives on mitigating security issues relating to Internationalized Domain Names (IDNs).
	主題：國際化域名 (IDN) — 現況和下一步是什麼？ **Topic: Internationalized Domain Names (IDNs)— What's Up and What's Next?**	**Moderator:** ● Pitinan Kooarmornpatana, IDN Programs Sr. Manager, ICANN **Speakers:** ● Man-ju Chen, Manager, NIIEPA ● Edmon Chung, DotAsia CEO ● Kenny Huang, TWNIC Board Chair & APNIC Executive Council Chair
	議程簡介 **Session Description** 延續上節主題，基於「下一輪新頂級域名計畫」的基礎上，本次會議將聚焦於國際化域名（IDNs）—即在地文字/語言中的域名。該會議將分享與漢字和中文國際化域名相關工作現狀及包括漢字單字符頂級域名的管理等未來工作主題。 Following part 1 on "New gTLD Program: Next Round", this session will zoom into the topic of IDNs— domain names in local scripts/languages. The session will share current work and expected next steps for topics related to the Han script and Chinese IDNs, including topics such as the management of single character Top-Level Domains for Han script.
12:30-14:00	中午休息 Lunch	
14:00-15:15	全體會議 4：安全 Plenary 4: Security	**Moderator:** ● Bertrand de la Chapelle, Executive Director, I&JPN

	主題：共同解決網路安全問題 **Topic: Addressing Cybersecurity Issues Collectively**	**Speakers:** ● Edmon Chung, DotAsia CEO ● Kenny Huang, TWNIC Board Chair and APNIC EC Chair ● Alban Kwan, Regional Director, East Asia, CSC
	議程簡介 **Session Description** 在本場次中，講者將分享目前在解決和減緩網路安全問題方面的集體努力和倡議。討論將概述台灣的網路安全調查概觀，討論包括監管要求和社群合作等不同方面議題。 In this session, speakers will share current collective efforts and initiatives on addressing and mitigating cybersecurity issues. The session will provide an overview of the cybersecurity investigation scene in Taiwan, discussing several aspects including regulatory requirements and community collaboration.	
	主題：加強網路安全緩解措施 **Topic: Enhancing Cybersecurity Mitigation Efforts**	**Moderator:** ● Valerie Heng, Accounts Senior Manager, Global Domains and Strategy, ICANN **Speakers:** ● Pin-Ren CHIOU, Senior Technical Manager, CHT Security Co., Ltd. ● Cheng Hsien Hu, Vinscent, Senior Investigator, Criminal Investigation Bureau ● Tom Hong-Fu Meng, Net-Chinese
	議程簡介 **Session Description** 本場次將討論減緩網路安全衝擊上可用來強化的工具和倡議。講者將分享關於註冊資料請求服務（RDRS）的資訊，這是一個供請求者（執法機構、智慧財產社群和網路安全機構）請求存取與通用頂級域名（gTLDs）相關的非公開註冊資料的概念性驗證服務。講者還將討論最近與 gTLD 受理管理機構和註冊管理機構的合約修訂，加強減輕和阻止 DNS 濫用的義務。 This session will discuss available tools and initiatives to enhance cybersecurity mitigation efforts. Speakers will share about the Registration Data Request Service (RDRS), a global proof of concept service for requestors– law enforcement, intellectual property community, and cybersecurity agencies– to request for access to nonpublic registration data related to generic top-level domains (gTLDs). Speakers will also discuss the recent contractual enhancements with gTLD registrars and registry operators, strengthening obligations to mitigate and disrupt DNS abuse.	
15:15-15:30	中場休息 Tea Break	
15:30-16:45	全體會議 5：台灣網路治理論壇 Plenary 5: TWIGF	
16:45-18:00	全體會議 6：台灣網路講堂 Plenary 6: TWSIG 主題：在地經驗對話 **Topic: Local Experiences Dialogue**	**Moderator:** ● Tse Liang, Youth Member, Taiwan School on Internet Governance **Speakers:** ● Man-ju Chen, Manager, NIIEPA ● Sean Wei, Student, Taiwan School on Internet Governance

		• Yien Chyn Tan, Stakeholder Engagement Senior Manager, ICANN • Steve Yi Yo, Student, Taiwan School on Internet Governance
	議程簡介 **Session Description** 在本次會議中，我們將邀請 ICANN 和 TWSIG 的代表，以及在地 APIGA 的主辦機構 NIIEPA 和 APIGA 的校友，分享他們在培養和激勵青年參與網路治理經驗。 希望台灣在地的 APIGA 能夠成為網路治理青年參與的有益補充，而非取代現有的平台和活動。我們還想邀請參與者分享他們對如何在本地、區域和全球擴展和強化青年參與網際網路治理討論的想法和回饋。 In this session, we will have representatives from ICANN and TWSIG, along with NIIEPA, the organizer of the local APIGA, and APIGA alumni, to share their experiences of cultivating and motivating youth participation in Internet Governance. Instead of taking over existing platforms and activities, we hope the local APIGA Taiwan will be a beneficial addition to the youth engagement effort regarding Internet Governance. We would also like to invite participants to share their thoughts and feedback on how to expand and strengthen youth involvement in Internet Governance discussions locally, regionally, and globally.	

*講者陸續邀請中。

*各場次講者以姓氏字母順序排列，不代表出場順序。

*主辦單位保有最終變更、解釋及取消本活動之權利。