



VOTER GUIDE 2022

**VIEW OR SUBMIT
STATEMENTS OF SUPPORT**

**VIEW IMPORTANT DATES,
VOTING INFO AND MORE**

FROM JOHN CURRAN

Dear ARIN Member,

I am writing to you in your capacity as the designated Voting Contact for your eligible member organization. In the upcoming ARIN Elections, as your organization's designated Voting Contact, you alone can cast a ballot on behalf of your organization for the individuals running to fill the open seats on these bodies. By participating in this election, you assist not only ARIN as an organization, but the ARIN community at large, and indeed far beyond.

Please mark your calendar to note that eligible Voting Contacts for General Members in Good Standing will be able to cast their ballot in the elections for the ARIN Board of Trustees, Advisory Council, and NRO Number Council (NRO NC) from 3:00 PM EDT on Thursday, 20 November 2022 through 7:00 PM EDT on Friday, 28 November 2022. For 2022, ARIN seeks to fill three (3) open seats on our Board of Trustees and five (5) open seats on our Advisory Council.

In addition, those who are not voting contacts for an ARIN member but are attendees of NANOG 86 or ARIN 50 who have registered for those meetings by 3:00 PM EDT, 13 October 2022 may cast ballots for the open ARIN-region seat on the NRO NC starting at 3:00 PM EDT on 17 October through 7:00 PM EDT on 28 October.

In advance of voting, I encourage you to familiarize yourself with the candidates – specifically, their questionnaire responses in the Voter Guide and review the Statements of Support submitted on their behalf. Consider the issues that are most crucial to you, your organization, and the Internet, and weigh the information available on each of the candidates.

To assist in providing additional information about the candidates, there will be candidate speeches at the upcoming ARIN 50 meeting, along with Election Forums with the candidates for the Board of Trustees and Advisory Council. Videos of these proceedings will be available online as soon as possible after the event.

Voting is simple and requires just a few minutes of your time, but by casting your vote, you will be fulfilling a vital community responsibility. Your ballot can be cast online from the comfort of your office, home, or mobile device anytime during the election timeframe. To access and cast your ballot, log in to your ARIN Online account and select the "Vote Now" link located on your dashboard.

On behalf of ARIN and our community, we thank you in advance for your time, support, and participation in these elections! Please reach out to elections@arin.net if you have questions or require assistance.

Sincerely,

John Curran
President and CEO
American Registry for Internet Numbers (ARIN)

MEET THE CANDIDATES

Board of Trustees

Naseem Bawa	4
Ron da Silva	9
Muhammad Adeel Javaid	13
Hank Kilmer	17
Bill Sandiford	21
Robert Seastrom	26
William Sylvester	31

Advisory Council

Jawaid Bazzyar	35
Douglas Camin	38
Gerry George	41
Brian Jones	45
Kendrick Knowles	48
Gus Reese	50
Alison Wood	52

Number Resource Organization Number Council

Kate Gerry	55
Nick Nugent	57

IMPORTANT DATES

VOTING PERIOD OPENS: Thursday, 20 October

VOTING PERIOD CLOSSES: Friday, 28 October

ELECTION RESULTS ANNOUNCED: Friday, 4 November



NASEEM BAWA

Self-employed

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

I do not foresee any barriers to meeting the required qualifications for ARIN Board of Trustees and undertaking the associated responsibilities.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

N/A

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

N/A

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

N/A

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

- Master of Laws (E-Business Law), Osgoode Hall, York University, 2003
- Bachelor of Laws, McGill University, 1986
- Bachelor of Business Administration, Simon Fraser University, 1986

NASEEM BAWA

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

- Member of the Law Society of British Columbia since 1987
- Member of the Law Society of Ontario since 2001
- Innovation Governance Program (iGP), Canadian Council of Innovators, Level 1 and Level 2 completed 2022
- “Get On Board” Governance Education Program, Canadian Board Diversity Council, completed 2014
- Continuing Legal Education courses completed annually in various areas of the law, including privacy, security, human resources, and corporate/commercial law.

4. Employment and Experience:

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

I am currently self-employed. Until May 2022, I worked as the General Counsel and Corporate Secretary for Interaxon Inc.

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

I am a seasoned lawyer and executive with expertise in large and complex commercial transactions and corporate governance and oversight. I have worked in multiple sectors, including telecommunications, technology, and not-for-profit. Over the past 20+ years I have worked extensively in international markets with exposure to over 175 countries. While working for BlackBerry, I personally negotiated complex and strategic agreements with wireless carrier partners throughout the world, including, Canada, USA, Brazil, Chile, China, Columbia, France, Germany, India, Italy, Japan, Mexico, Poland, Turkey, UK, and Venezuela.

I have extensive experience working with and advising both corporate and not-for-profit boards which has culminated in my broad governance proficiency. In 2014, I was selected by the Canadian Board Diversity Council as one of Canada’s Diversity 50 Board Candidates. Most recently, I served as the Corporate Secretary of a private company, Interaxon Inc., and served as a Board Member and Chair of the Governance and Bylaws Committee for a not-for-profit organization, the Association of Neighbourhood Houses of British Columbia, which employs over 600 people and has an annual operating budget of about CDN\$25,000,000.

I have completed the Canadian Council of Innovator’s iGP Innovation Governance Program, the Canadian Board Diversity Council “Get on Board” Governance Education Program and earned a Master of Laws (E-Business Law) from Osgoode Hall Law School (York University), a Bachelor of Laws from McGill University, and a Bachelor of Business Administration from Simon Fraser University. I am a member in good standing with both the Law Society of British Columbia and the Law Society of Ontario.

My training (LLM, LLB, and BBA), board and governance experience, and the global corporate executive roles I have held during my career (including General Counsel, Associate General Counsel, Head of Legal for Europe, Middle East and Africa, Corporate Secretary, and VP Legal) have prepared me to be an effective ARIN trustee.

NASEEM BAWA

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/bawa_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

<https://www.linkedin.com/in/naseembawa/>

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

Currently not serving on any boards

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

Interaxon Inc., Corporate Secretary, 2019 - 2022
Association of Neighbourhood Houses of British Columbia, Chair of the Governance and Bylaws Committees and Member of various other committees, including Marketing & Fundraising, Housing, CEO Selection, and Capital Assets - 2015 to 2021

c) What is the role of ARIN's Board of Trustees?

The role of ARIN's Board of Trustees is to guide ARIN's strategic direction and provide insight, strategic advice and support to the CEO and management team. Further, the Board of Trustees is responsible for providing fiscal oversight and ensuring that the organization has established healthy governance processes that ensure compliance with ARIN's bylaws and applicable laws. As part of its governance responsibilities, the board also has to ensure that stakeholders in the Internet community are represented.

d) How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?

The Association of Neighbourhood Houses is a complex professionally run well established organization that operates in over 50 sites, has an annual operating budget of about \$25 million, and employs more than 600 people. Being part of this organization for over 6 years, I participated in establishing the strategic plan for the organization, chaired both the Governance and Bylaws Committees, and supported other committees, including the Capital Asset Committee, CEO Selection Committee and Marketing & Fundraising Committee. The learnings from my role with ANHBC and other organizations I have served plus my extensive governance training and professional background, I believe, have prepared me to fulfill the role of an ARIN Trustee.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) What is ARIN's role in the Internet governance ecosystem?

ARIN plays an Internet Governance role both at the ARIN regional level and on a global level. At the regional level, it keeps its community informed, fosters a working relationship with the countries forming the ARIN region, and promotes education, awareness and

NASEEM BAWA

transparency. It also supports multi-stakeholder dialogue relating to global Internet governance issues facing governments and the Arin Community. At a global level, ARIN ensures that it is aware of the regulatory changes that impact both the ARIN region and the global Internet Community and endeavors to improve global knowledge relating to Internet governance, including technical implications of proposed Internet governance policies.

b) Describe any past experience or involvement with ARIN or other Internet governance bodies.

I have had no significant direct involvement or experience with ARIN. However, the experience and skills I have developed in the past 30+ years (including through my work with the Law Society of British Columbia, a self-regulated body) are transferable to Internet governance bodies.

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?

In addition to compliance, operational, financial/economic and reputational risk, Trustees have to ensure that they have oversight over cybersecurity risk.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

Ensure that management has established appropriate policies and procedures to identify potential risks, measure the frequency and severity the risk, identify how the risk can be mitigated, and monitor the results. It appears as if ARIN's management has undertaken this task and through its Charter, the Risk & Cybersecurity Committee has been tasked with regularly reviewing the Risk Register and reporting its findings and recommendations to the board. Through this mechanism, the Board can discharge its responsibility of risk oversight and management.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

I have a strong legal and governance background, which includes knowledge relating to employment law, privacy and security. I will use this knowledge and experience to the extent required by serving on the Risk & Cybersecurity Committee and other Committees.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

Advancing Internet routing security through deployment and adoption of RPKI (Resource Public Key Infrastructure) is a key challenge for the organization. If ARIN is successful in achieving its strategic goal relating to RPKI adoption, it can become an opportunity to enhance its services by preventing Internet route hijacking and other attacks, thereby ensuring that there is a more reliable Internet.

ii) How might these challenges and opportunities influence current or future strategic plans?

NASEEM BAWA

Adequate resources will need to be allocated to support and promote this initiative.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

As a lawyer, I have a strong background in data protection and privacy. Ensuring that data held or processed by any organization I have worked with is protected from unauthorized access, attack and destruction has been an important goal for me. I would try to contribute my knowledge and experience by participating in the Risk & Cybersecurity Committee.



RON da SILVA

Network Technologies Global

Nomination Committee Evaluation: Qualifications
Not Demonstrated

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

none

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

none

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

n/a

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

n/a

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

- Old Dominion University, B.S. Applied Mathematics & English 1994

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

- IMD Business School – High Performance Leadership Certificate 2019
- Drexel University – Director's Academy 2017
- Foundation for Natural Leadership – Leadership Program 2017
- National Association of Corporate Directors – Board Fellowship 2016

RON da SILVA

4. Employment and Experience:

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

Network Technologies Global
CEO – Founder
consulting practice Ashburn, VA

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

Actively involved in ARIN policy since 1999; executive, engineering & operating experience in internet industry since 1996; board governance experience since 2003. Previous member of ASO-AC and chair of the ARIN AC.

I bring a variety of leadership and governance experiences to equip me to be an effective Board member of ARIN.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/da-silva_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

<https://www.linkedin.com/in/rondasilva>

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

Chartway Federal Credit Union – since 2021
– Asset/Liability Management Committee
– Legislative, Regulatory & Advocacy Committee (Chair)
CertifiedTrue – since 2018
Forest Manor HOA – since 2004 (President)

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

The Data Center Coalition – 2021 – 2022
ICANN – 2015 – 2021

c) What is the role of ARIN's Board of Trustees?

Overall responsibility of oversight for ARIN, representing interests of members and stakeholders.

RON da SILVA

d) How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?

I bring a variety of governance experiences that will add diversity to the Board as well as a rich history in the ARIN community and industry.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) What is ARIN's role in the Internet governance ecosystem?

Managing the coordination of internet numbering resources in the region and as part of the global RIR system.

b) Describe any past experience or involvement with ARIN or other Internet governance bodies.

Internet governance experience includes participation in, ARIN ASO-AC, ARIN-AC, ICANN, IGF-USA, IGF, ISOC, IETF

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?

I continue to believe governmental jurisdictional overreach is a risk to protecting the technical internet governance of internet resources. This is particularly highlighted in response to Russian invasion of Ukraine and increased calls for governmental involvement, digital state sovereignty and segmentation of the global internet. Within the ARIN region, this can be seen with differing political agendas from different states and provinces sometimes at odds with the governments of Canada, U.S. and the Caribbean countries. Even regulations being formed outside of the ARIN region have the risk of impacting operations as many members of ARIN are multinational businesses with complex compliance and increasingly difficult reconciliations between oftentimes conflicting requirements from governments and regulatory agencies.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

It is important that management and the Board regular review existing risks and new risks, maintain a risk register and develop appropriate mitigation strategies for identified risks.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

Drawing on prior risk / strategy development for other boards, I can actively drive and support the ongoing risk management priority of the board.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

RON da SILVA

I think internet routing security and internet governance remain important challenges for the organization. Increases in internet infrastructure security issues escalates interests by governments, consumer advocates and civil society practitioners. To the extent that organizations (like ARIN) responsible for the governance of technical operations of the internet don't adequately address the ongoing assault by bad actors, governments and other advocates will make efforts to regulate, restrict or otherwise pressure the industry in an attempt to protect the interests of end users. It is important for internet technical bodies to continue to work together to protect their self-governing and independent role in sustaining open and accessible access to internet technologies, services and common infrastructures.

ii) How might these challenges and opportunities influence current or future strategic plans?

As discussed in risk above, strategy and risk should be regularly reviewed and plans / mitigation steps identified. These strategic issues of advocacy for ongoing open / accessible internet need to continue to be included in that exercise.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

My strong and diverse governance experience will help increase the Board's ability to deal with ongoing challenges of internet governance, membership involvement, services/ operating demands while transitioning from IPv4 transfer market to predominate IPv6 operation, support of other RIR's and their solvency challenges, ongoing pressures from outside the RIR ecosystem on the numbering administration (e.g. governments, civil society, consumer protection advocates).



MUHAMMAD ADEEL JAVAID

SAEM Consulting

Nomination Committee Evaluation: Qualifications Not Demonstrated

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

I do not see any barriers. I can commit 5-10 hours per week.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

No, I do not have any conflict of interest.

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

N/A

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

N/A

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

- Chartered IT Professional conferred by British Computer Society Registered Scientist conferred by Science Council UK

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

- Mile2 Certified Incident Handling Engineer,
- Google Certified Site Reliability Engineer,
- AttackIQ Certified Cybersecurity Professional,

MUHAMMAD ADEEL JAVAID

- Certified GRC Professional,
- Member ISACA,
- Member OWASP

4. Employment and Experience

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

I am working as Cybersecurity Compliance Project Manager with Silicon Valley Based AWS Consulting SaaS Startup nOps.io.

I am also running my own consulting business in cybersecurity with the name of SAEM Consulting in Canada.

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

I have more than 15 years of experience in compliance, data protection, SOC 2 and ISO 27001 Controls Implementation, cybersecurity, reverse engineering, penetration testing of web and mobile applications, malware analysis and digital forensics. I have done past projects with PwC, Skoda Minotti, DNX VC, Lum Chang, Syntervision, AI Chatbot, FourthRev and Loggi. I have also worked on several donor funded projects including projects funded by ADB, WHO and UNESCO.

Keeping in view my vast experience in IT and Cybersecurity Governance with a blend of project management can help me contribute towards the success of ARIN in accomplishing its mission. My past and current experience will help me with governance oversight as Board of Trustee Member.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/javaid_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

<https://linkedin.com/in/ajaviad>

<https://krosno24.academia.edu/AdeelJavaid>

<https://www.researchgate.net/profile/Adeel-Javaid-2>

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

I have served as Board Member and Member Finance Committee of US Based 501 c 3 Non Profit Disability Support International from 2015-2017.

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

I have also served as Member Vendor Advisory Council of CompTIA from August 2013-2014.

MUHAMMAD ADEEL JAVAID

c) *What is the role of ARIN's Board of Trustees?*

Ensuring Corporate Governance and to carry out fiduciary duties.

d) *How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?*

Based on my previous experience I can actively participate in activities ensuring governance oversight and as Certified GRC Professional I can bring in best practices based on GRC Capability Model to improve the posture of governance.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) *What is ARIN's role in the Internet governance ecosystem?*

ARIN administers IP addresses & ASNs in support of the operation and growth of the Internet. ARIN is the regional Internet registry for Canada, the United States, and many Caribbean and North Atlantic islands.

b) *Describe any past experience or involvement with ARIN or other Internet governance bodies.*

N/A

7. Board Discussion Topics

a) Risk Oversight and Management

i) *Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?*

Cybersecurity is biggest risk to the organization. Other than this Privacy Regulations and Pace of Change are also emerging risks.

ii) *How should the Board best discharge its responsibilities regarding risk oversight and management?*

Board should identify the areas of risk management oversight and should play an active part in guiding the policies, procedures and risk awareness initiatives. Board should also play its role in establishing a risk strategy and setting the tone for an effective risk culture.

iii) *How will you contribute to strengthening risk oversight and management at ARIN?*

As Board Member I will contribute my knowledge and experience in guiding the risk oversight functions including risk strategy, risk culture and policies. I will help the board in integrating the risk strategy and framework with ARIN Mission to make sure that the organization could effectively achieve its goals and objectives.

b) Strategy

i) *Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?*

The biggest opportunity could be a headway to Internet Governance and its alignment

MUHAMMAD ADEEL JAVAID

with new and emerging privacy laws. A decentralized internet network and secure computing could be the challenges for the organization.

ii) How might these challenges and opportunities influence current or future strategic plans?

In the context of decentralized internet network complex arrangements would be needed. Decentralized DNS could be used to realize authority, law, sanctions, and jurisdictions. So therefore ARIN should be prepared for the challenges that might be posed by decentralized internet governance.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

My knowledge and experience in Web3 and Decentralization can help me with identification of challenges and devising strategies to turn those challenges in to opportunities.



HANK KILMER

Cogent Communications, Inc.

Nomination Committee Evaluation: Well Qualified

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

None foreseen.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

None known.

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

N/A

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

N/A

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

• Bachelor of Arts from Rutgers University (1991)

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

N/A

HANK KILMER

4. Employment and Experience

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

VP of IP Engineering, Cogent Communications, Inc.
 Cogent is a global Tier 1 Internet service provider offering Internet access over a fiber optic network solely built for Internet traffic.
 Cogent also operates 54 data centers globally.

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

With over 30 years of engineering and management experience in the Internet industry, I bring extensive skills, perspective, and traits. Currently, I am Vice President of IP Engineering at Cogent Communications--a \$5.0 billion public company running one of the world's largest carriers of Internet traffic operating in 216 major markets and 50 countries. Prior to that, he was the CTO at GPX Global Systems--a global leader in next-generation Tier 4 data centers in developing markets. He also spent many years in engineering, operations and management including senior roles at Abovenet/MFN, Intermedia/Digex, Sprint and UUNET where he crafted his focus on simple, scalable, efficient design. At Abovenet/MFN, his direct responsibilities included research, optical engineering, Internet engineering, planning, data center management, software development, IT, and network operations. His experience in covering all aspects of engineering and operations for optical networks, routed networks and facilities as well as the emerging markets provides him with unique insights into Internet businesses.

In addition to the personal and technical aspects being brought to the table through my experience, I am also responsible for a significant quantity of legacy IPv4 address space much of which pre-dates ARIN presenting challenges needing to be overcome for the industry to continue the successful adoption of technologies like RPKI.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/kilmer_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

<https://www.linkedin.com/in/hankkilmer/>

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

I am not currently serving on any boards.

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

- Board Member, Ballet Theatre of Maryland, 2019 – 2020

HANK KILMER

- Board Member (and CTO), GPX Global Systems, Inc., 2003 – 2014
- Board Member, Chesapeake Shepherd & K-9 Rescue, Inc., 2005 – 2017
- Program Committee, NANOG, 2005 – 2006
- Advisory Council, ARIN, 1998 – 1999

c) What is the role of ARIN's Board of Trustees?

ARIN's Board of Trustees is charged with corporate governance and oversight ensuring policies and processes are in place to fulfill the fiduciary duties and core governance responsibilities on behalf of the constituents. Protection of its members interests and Internet number resources along with oversight in furthering ARIN's mission are key elements.

d) How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?

I have served on both corporate boards as well as non-profit boards. While similar functions, they do have different requirements, restrictions and regulations. I will bring this experience, along with significant Internet knowledge, to help fulfill the role of an ARIN Trustee.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) What is ARIN's role in the Internet governance ecosystem?

ARIN plays an integral role in the Internet governance ecosystem. By facilitating open communication and consensus-based policies, ARIN is a critical element in the overall governance of the Internet and its future. In addition, its support, participation, and cooperation with other Internet governance efforts, forums and organizations (ITU, IGF, etc.) will continue to be a critical role for ARIN.

b) Describe any past experience or involvement with ARIN or other Internet governance bodies.

I was a member of ARIN's advisory council previously. I have also been a member of The Internet Society (ISOC), participated in many IETF groups, NANOG, etc. Additionally, as a DNS root operator, I have been a member of ICANN's Root Server System Advisory Committee.

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?

Fundamentally, the Board's responsibilities regarding risk are in oversight and not its management.

Recent global events highlight some risks for ARIN. While targeted data penetration and exploitation have been a concern, recent events has increased this type of activity significantly. Another aspect of recent events has been the large increase in cost of electricity resulting in a focus on power reduction, delivery methods, and cost impact all technology businesses including ARIN.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

HANK KILMER

The Board should ensure that the policies and procedures designed and implemented by ARIN's executive risk management team are consistent with its strategy. Staying focused on ARIN's charter and strategy helps guide the risk assessments. It is important to validate policies and procedures against the mission as well as their functional efficiency.

In addition to staying in alignment with ARIN's mission, recognition of the principal risks along with the necessary focus on their proper handling require that the executive team be fully engaged in risk management as an integral component of daily operations. Ensuring that this is part of the culture extends to the Board's oversight so efforts are comprehensive and worthwhile.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

As an ARIN Trustee, I would take an active role bringing to my experience in risk management, oversight and reduction. Working closely with ARIN's management team and membership will ensure continued success.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

There are many challenges to fulfilling ARIN's charter and strategy. First and foremost revolves around data integrity and availability. The provision of registry and routing security services depends heavily on accurate data and the reliable access to this validated information. This has always been a primary focus and must remain so constantly. Operational outages and security attacks are a real challenge and highlight the value in the information that ARIN provides.

ARIN's data governance impacts all aspects of Internet services. Technical advances like RPKI and DNSSEC are clearly linked to the trust, accuracy, and availability of services. However those are not the only needs of ARIN's community. Roles revolving around transfers, privacy, regulation, security, education, and Internet governance are prominent aspects as well.

ii) How might these challenges and opportunities influence current or future strategic plans?

It is important to remember that ARIN is a flexible organization. As the industry evolves, so will ARIN. Underneath all the potential changes in the Industry, ARIN's role will be key. It functions as a data steward, educator, and facilitator and will remain performing those core functions.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

Since starting working on networking in 1986, I have always been driven to listen, understand, and adapt. I have both the management and governance experience as well as the technical experience to understand the challenges facing ARIN. I will bring a deep understanding of the history, infrastructure, and thought processes of core Internet services to help guide ARIN to address its challenges and have continued success.



BILL SANDIFORD

Self-employed

Nomination Committee Evaluation: Well Qualified

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

I do not foresee any barriers to fully meeting the qualifications and undertaking the responsibilities as described.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

I am not aware of any conflicts of interest that would impact my ability to perform my duties as a member of the ARIN Board of Trustees

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

N/A

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

N/A

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

None. I attended Laurentian University in Sudbury, ON, Canada in the B.Sc Computer Science program for 1.5 years before leaving to start a business.

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

• University of Toronto, Rotman School of Management: Not-For-Profit Director Program - 2012

BILL SANDIFORD

4. Employment and Experience

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

Self Employed – Independent Telecommunications Consultant
Providing management and leadership advice and services to small and medium sized Internet Service Providers and Telecommunications Companies

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

I have served on the board of ARIN since 2014. During that time, I served as vice chair from 2018–2021 and as chair from late 2021 to present.

I am a graduate of the University of Toronto Rotman School of Business NFP Director program. The program is designed to educate directors or trustees of not-for-profit organizations, like ARIN.

I served on the board of the Canadian Internet Registration Authority (CIRA) for 9 years. CIRA operates the .ca ccTLD registry. During that time, I served as chair of multiple committees and also as the vice chair of the board. During my time on the board I was involved with two major strategic plans and sat on every committee of the board including the risk committee.

I served as the President of the Competitive Network Operators of Canada (CNO) for six years. CNO is a trade association that represents independent ISPs and Telecom companies in Canada. Activities included government relations, strategic planning, and many appearances before the CRTC.

Outside of the technology space, I have sat on the board of not-for-profit organizations in the community in which I reside.

In my professional capacity, I led a technology company (that was an ARIN member) for 18 years before leading it to a successful acquisition.

My experience as detailed above is diverse, and has provided me with the relevant expertise and experience to serve as an effective trustee.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/sandiford_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

None provided

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

BILL SANDIFORD

American Registry for Internet Numbers (ARIN) – Non-Profit Organization – 2014-Present
Currently serve as Chair of the Board. Previously served as Vice Chair and Treasurer

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

- Canadian Internet Registration Authority (CIRA) – 2012-2021
- Competitive Network Operators of Canada (CNOC) – 2010-2016
- Toronto Internet Exchange (TorIX) – 2009-2011
- Whitby Minor Hockey Association – 2016-2017

c) What is the role of ARIN's Board of Trustees?

The Board of Trustees maintains authority over the scope, mission, and along with the President and Chief Executive Officer establishes the strategic direction and fiscal oversight of the organization. Additionally, the Board also has oversight authority of the nomination, appointment, and election of individuals to Board committees and similar roles.

d) How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?

Over the years I have been involved with the governance of many organizations, including ARIN.

The experience and skillsets that I have gained and demonstrated have prepared me to properly fulfill the role of an ARIN Trustee.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) What is ARIN's role in the Internet governance ecosystem?

ARIN manages a critical slice of the Internet in our region and around the world.

ARIN is one of five regional internet registries (RIR). Each RIR follows policies set by their community to delegate internet number resources to their customers. Each RIR serves customers in their own geographic region.

ARIN also participates as a member of the community in various internet governance fora.

b) Describe any past experience or involvement with ARIN or other Internet governance bodies.

Prior to joining the ARIN Board of Trustees in 2014, I was a member of the ARIN Advisory Council from 2009 until 2013.

Outside of ARIN, I was a member of the board of CIRA from 2012 until 2021. Amongst other things, CIRA manages the .ca ccTLD for Canada and is a sizeable contributor to the internet governance ecosystem.

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have

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emerged more recently?

One of the main risks that ARIN faces is one that faces almost every organization in the world in the digital age, cybersecurity.

Ensuring that ARINs systems, policies, and procedures are secure and resistant to cyber threats is critical.

Some of the other risks that ARIN faces are ensuring the integrity of not only ARINs registry, but ensuring the integrity and stability of the RIR system as a whole.

Other risks include standard items like financial stability, managing technical debt, and the human resource challenges that have emerged as a result of the pandemic.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

A board of directors cannot and should not be involved with the day to day management of risk. However, a board should satisfy themselves that the risk management policies and procedures of the organization are well aligned with the organization's risk appetite and corporate strategy. Further, as part of its oversight role, the board should ensure that these policies and procedures are being applied by staff and functioning as intended.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

If re-elected I will continue to ensure that the board follows all current best practices with regard to managing risk and risk oversight. This includes ensuring that the proper committees of the board are formed and properly overseeing all aspects of risk to the organization and that risk oversight and management are taken into consideration while setting the strategic direction of the organization.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

ARINs current strategic plan has four main pillars which guide how the organization operates in an effort to reach its stated goals.

One of those pillars revolves around providing industry leading internet number registry services to its customers. In this area ARIN has great opportunity. Over the coming years ARIN has the opportunity to make a huge positive impact with its customer facing support services and its service delivery approach. The introduction of programs like the Premier Support Plan reinforce ARIN's commitment to customers in this regard.

However, ARIN does face challenges. One of those challenges is protecting the multi-stakeholder approach and the RIR system. Recent developments in other regions have highlighted this challenge both in the ARIN region and around the world. ARIN must continue to work with its peers to ensure a stable internet number registry system.

ii) How might these challenges and opportunities influence current or future strategic plans?

ARIN's strategic plan will need to be well defined yet able to adapt and morph to the

BILL SANDIFORD

challenges that the organization faces and the opportunities that present themselves.

With regard to opportunities, the success (or failure) of strategic programs must be taken into account while setting future strategic goals.

When it comes to challenges, ARIN must be sure to set strategic goals that allow the organization to be rigid in areas where it needs to, yet be nimble enough to respond to the various challenges that the organization faces both today and in the future.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

Over the years my experience, not only with ARIN but also in the professional world and by serving on the board of other non-profit organizations, has given me the skills that are required to tackle ARIN's challenges.

My participation with numerous organizations over the years has given me much experience when it comes to setting corporate strategies, managing risk, and all levels of oversight that is required to be an effective member of the board of an organization like ARIN.



ROBERT SEASTROM

Capital One / ClueTrust

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

No barriers.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

I (personally) hold two IPv4 /23s and an ASN and am an LRSA signatory

I am associated with ClueTrust, an ISP in the ARIN region which holds several small IPv4 address blocks, an IPv6 allocation, and an ASN - all under RSA.

My day job is with a large enterprise (Capital One) which is an end user of ARIN-supplied number resources.

I serve ICANN as a Trusted Community Representative (TCR Crypto Officer) for signing the DNSSEC root.

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

I do not believe that any of these situations is an actual conflict of interest when properly disclosed. Three of the four make me a personally-interested consumer of ARIN's services. I have a track record of helping make sure that ARIN policy proposals affect all similarly-situated organizations equally.

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

No

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

If elected, I will resign from the ARIN Advisory Council before 31 Dec 2022.

ROBERT SEASTROM

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

I pursued a degree in Electrical Engineering at University of Delaware but dropped out.

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

- Senior Member, IEEE (based on CV review), 2015

4. Employment and Experience

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

Capital One is a multinational multi-line bank headquartered at 1680 Capital One Drive McLean, VA 22102.

I am a Senior Manager in the Information Security Office providing technology oversight and risk briefings for leadership.

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

My career arc of over 30 years as an individual contributor and people manager in large and small service providers and critical Internet infrastructure providers informs my thoughts about scaleable and secure infrastructure in both large enterprises and organizations that are central to the reliable operation of the Internet. While primarily a technologist, my skill set includes risk evaluation and explaining complex technical issues in a fashion suitable for a wider audience.

Please note that the attached short form resume has not been updated to detail current job functions.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/seastrom_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

None provided

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

None at present.

b) Please identify any other boards on which you have served in the past 10 years that are not included in

ROBERT SEASTROM

answer to (a), listing your dates of service.

None within the last 10 years, however, just outside of the scope of this question are two positions that are relevant to serving on the ARIN Board of Trustees:

1. I served from 2008 to 2011 on the North American Network Operators Group (NANOG) Steering Committee, which became the NANOG Board of Directors as it evolved to a standalone organization.
2. I served from 2004 to 2012 as the Secretary and Treasurer of Piedmont NRA Instructors, a non-political non-profit dedicated to teaching firearm safety to the general public.

In the more distant past I served as a Board Alternate on a 501(c)(3) amateur radio organization and as President and cofounder of an ISP that was organized as a 501(c)(12) cooperative telephone company.

c) What is the role of ARIN's Board of Trustees?

ARIN's Board of Trustees serves in a supportive, strategic, and oversight capacity. Unlike smaller boards, its role is not dirt-underfingernails, but rather to ensure proper succession plans, secure, retain, and challenge senior leadership, be informed of risk, and make wise decisions in terms of big-picture direction. Of particular interest is the Board's responsibility in the Policy Development Process: the ARIN Board of Trustees is not actively involved in crafting policy; rather its job is to ensure that the bottom-up community driven policy process is followed while protecting the continued viability of the organization. The ARIN Board oversees the management of ARIN's investments. From time to time, the Board has found it necessary to enact emergency policies to deal with exigent circumstances via the process outlined in ARIN's bylaws.

d) How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?

I served on NANOG's board during a period of intense change. As we evolve our thinking about ARIN's revenue sources, equitable fee structures, and what it will mean to be an RIR in a post-IPv4 world, I believe my previous experience with that will serve me well.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) What is ARIN's role in the Internet governance ecosystem?

ARIN is a Regional Internet Registry and is responsible for fair, impartial, and technically sound administration of Internet Number Resources within its service area (geographic region). The ARIN Advisory Council shepherds community-submitted policy proposals to accomplish this. ARIN also develops globally coordinated number resource policies with other RIRs via the Number Resource Organization. Like all RIRs, ARIN has three seats on the Address Supporting Organization Address Council. Among other things, the Address Supporting Organization is responsible for appointing seats 9 and 10 to the ICANN Board. In addition, ARIN maintains liaisons with governments and law enforcement, NGOs, treaty organizations, and similar Internet governance stakeholders.

b) Describe any past experience or involvement with ARIN or other Internet governance bodies.

I have served on the ARIN Advisory Council since 2003 and have served on multiple committees in conjunction with that role.

ROBERT SEASTROM

I served on NANOG's Steering Committee / Board of Directors from 2008 to 2011.

I have been a Trusted Community Representative (Crypto Officer) for signing the DNSSEC Root since 2010.

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?

Pandemic risk being top of mind has subsided into a "new normal" of hybrid meetings. Yet hybrid meetings pose their own set of challenges for inclusion and a level playing field between remote and on-site participants and encouraging full community participation.

If we fail, there are associated business, financial, and reputational risks as well as a possibility of regulatory risk.

Increased reliance on RPKI to a degree many of us did not expect years ago creates operational risks for the Internet, which fall to the RIRs to mitigate.

While the transfer market has existed for over a dozen years, the particulars of the challenges to keep it healthy continue to evolve and landscape for the intersection between transfers (both on and off the books), registry accuracy, and several of the risks outlined above continues to evolve.

There is risk that is not entirely ARIN's to mitigate. Should one or more components of the RIR system appear to be in grave danger, there is regulatory and reputational risk that will attach to ARIN by association, which the Board must stand ready to swiftly mitigate if that unfortunate time comes.

There are ongoing risks and challenges in areas of internal governance, government relations, equity and participation, and transparency.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

As stated earlier, the ARIN Board is not a small-organization-hands-on board, yet just as we need board members who are skilled in reading a financial statement and asking well-grounded questions of staff and external auditors, we need Board members who are skilled in risk analysis and management to help ensure that we have proper leadership in place and make sure that our strategic plan to manage risk is sound. We also need board members who are well versed in the minutiae of how the Internet (both customers and non-customers) interact with the ARIN ecosystem. As ARIN takes a more active role in the routing infrastructure of the Internet via RPKI and evolution of ARIN's IRR component, this becomes more and more necessary.

It is important to note that elimination of risk is not the prime directive! Risk reduction (with a goal of acceptable risk not completely getting rid of risk) must be carefully balanced against mission goals; it would not do to be so risk averse that we fail to support our constituency or are unwilling to be bold and do the right thing.

A mature formal risk register is important to properly contextualizing the plethora of

ROBERT SEASTROM

risks that are before the organization at any given time, and the Board should continue to make sure that appropriate resources are available to facilitate its growth and evolution.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

My understanding is that ARIN is already moving in the direction of having more formal security structures, particularly in the cyber arena (such as SOC2 and/or ISO27000). But risk goes well beyond mere cyber risk. There is risk in literally everything we do. Legal, reputational, operational, and financial risks need to be taken into account as well.

My day job is technical and business risk evaluation, including developing risk and threat models and matrices. If elected, I will champion continuous improvement of formalized risk evaluation – not as an end unto itself but rather as a tool to inform our strategic thought about our exposures.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN’s management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN’s current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

ARIN is still figuring out what it means to be an RIR in a post-IPv4-depletion world, and moreover in a post-IPv4 world. What is the proper level of oversight to apply to number resource transfers? What are appropriate and equitable fee structures? We have made much progress over the past decade yet there is still work to do. The time will come when the value of IPv4 addresses falls because they are no longer technically relevant, just as nobody is interested anymore in Telex numbers or X.25 DNICs. Far from being an indictment of current or past leadership, this situation is a reflection that the only constant in life is change.

ii) How might these challenges and opportunities influence current or future strategic plans?

Nature abhors a vacuum. If we fail to evolve to meet current demands of our constituency, others will step in to fill that void. Will they share our values of a community-driven open process with bottom-up policy development?

iii) Please explain how your background and experience would help in addressing what you believe are ARIN’s greatest challenges.

Having served on the ARIN AC for approaching two decades, my institutional knowledge of where we have been and past challenges will be invaluable as we look to the future. As a deep technologist, I have served ARIN in the arena of RPKI, IRR, and registry integration and will continue to do so. My career pivot in recent years to risk oversight of essential infrastructure rather than building same provides important dimensionality to my understanding of our problem space, while a central theme of my entire career has been as a bridge builder between hardcore techies and those whose skills lie in business and finance.

WILLIAM SYLVESTER

Addrax, Inc.

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Board of Trustees Qualifications and Responsibilities

Please review the ARIN Board of Trustees Expected Qualifications and Responsibilities thoroughly. Please describe, providing specific details, any barriers you foresee to your fully meeting those qualifications and undertaking those responsibilities. A Trustee's responsibilities have usually required about 5-10 hours per week.

I am prepared to provide the necessary time to represent the community members in excess of the minimum required hours in addition to time required to read and research relevant materials and documents as needed to execute the duties of a member of the Board of Trustees.

2. Conflicts of Interest

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of the ARIN Board of Trustees. (If no conflicts, please enter "N/A")

As an employee of a company dealing with IPv4 transfers, I would be cognizant of issues that might benefit my employer or myself personally and recuse myself for those votes.

b) How do you propose to resolve any conflicts identified in (a)? (If no conflicts identified, please enter "N/A")

If any conflict were to be identified real or perceived I would recuse myself to maintain the propriety of the board.

c) Are you currently eligible to serve on the Board of Trustees according to the Conflict of Interest Requirements and the eligibility requirements?

Yes

d) If not currently eligible, describe how you will become eligible to serve, if elected (i.e., "If elected, I will resign from the position of _____ before 31 Dec 2022"). If currently eligible, please enter "N/A".

N/A

3. Education

a) Please list any degree(s) you received, the institution and the date issued.

Quantic School of Business and Technology, Executive Masters of Business Administration, November 2018.

WILLIAM SYLVESTER

b) Please list any professional designations, certifications, or development education (non-degree) and the dates completed.

- VeriSign Executive Training
- Pragmatic Institute Product and Marketing

4. Employment and Experience

a) Please provide the name of any company or organization you currently are employed by, or from which you receive directly or indirectly a material portion of your compensation. Please describe the business of each such entity, your current title, and the office address of the organization.

Addrex, Inc., IPv4 Marketplace, Executive Vice-President, 505 Huntmar Park Dr, Ste 220, Herndon, VA 20170.

b) Please refer to the ARIN Board of Trustees Guidance to the 2022 Nomination Committee in answering this question: Please describe your relevant professional experience and expertise and explain how this background will make you an effective trustee.

My experience dates back to the 1990s where I was employed by Network Solutions on the InterNIC project working in the Network Registration group. This was the predecessor organization to ARIN that was divested in 1997 to form ARIN. My extensive experience in core Internet infrastructure both working with IPv4 and domain names uniquely qualifies me to provide both the technical perspective and the leadership to support the organizations members.

Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the ARIN Board of Trustees. (PDF, DOC, DOCX files only)

https://arin-elections.net/wp-content/uploads/2022/08/sylvester_resume.pdf

You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography. One URL per line.

<https://www.linkedin.com/in/williamsylvester/>

5. Governance Experience

a) Please identify any boards on which you currently serve that carry fiduciary duties, whether at a for-profit or non-profit organization. Please note how long you have served and what offices, if any, you have held.

I have participated and been a member of the Board of Directors for the following organizations for multiple years each;

- Addrex, Inc. Board of Directors
- Denuo, Inc. Board of Directors
- Agile Broker, Inc. Board of Directors

b) Please identify any other boards on which you have served in the past 10 years that are not included in answer to (a), listing your dates of service.

N/A

WILLIAM SYLVESTER

c) *What is the role of ARIN's Board of Trustees?*

To perform the fiduciary responsibilities of the organization while guiding the organization towards a stable future while adopting ethical, legal governance, and financial management policies, as well as ensuring the organization has resources to further its purpose and mission.

d) *How does your past governance experience prepare you to help fulfill that role by serving as an ARIN Trustee?*

I understand the fiduciary responsibilities of a board member including the duty of care, duty of loyalty, and duty of obedience.

Additionally, providing inputs into the organization's culture, strategic focus, effectiveness, and financial sustainability. I also see board members as representatives to the global Internet community and as advocates for issues important to the future of the organization.

6. Understanding of ARIN's role in the Internet governance ecosystem:

a) *What is ARIN's role in the Internet governance ecosystem?*

ARIN is one of five global Internet registries and a member of the Number Resource Organization (NRO). ARIN serves as the directory service of the North American IPv4 numbers and related number resources. This includes technical and policy aspects that interface with ICANN, other RIRs, the United States Government, and the Internet community globally.

b) *Describe any past experience or involvement with ARIN or other Internet governance bodies.*

Chair of the accountability task force for the RIPE Community, Co-chair of the Database Working Group for the RIPE Community.

Various panels for ARIN and NANOG meetings. Contributor to policy discussions.

7. Board Discussion Topics

a) Risk Oversight and Management

i) Understanding and overseeing organizational and environmental risk is an important responsibility of Trustees. What do you see as potential risks to the organization, and which are newer risks that have emerged more recently?

Risks of the legal situation with AFRINIC, the RIR/NRO commitments to support other RIRs financially could become a burden upon ARIN and other registries were this legal situation be determined that AFRINIC has certain liability. The security and stability of the system is dependent upon all RIRs to be rational and financially stable. Governance of the Internet including sanctions like the situation in Ukraine and it's impacts against Russia. This is also relevant for other sanctioned countries. Elements of Internet governance that might include multiple State actors, the ITU/United Nations, and other governing bodies that might attempt to influence the ARIN community and organization.

ii) How should the Board best discharge its responsibilities regarding risk oversight and management?

The Board should establish a risk matrix. This would include identifying strategic,

WILLIAM SYLVESTER

financial, and governance risks. These risks would either be managed within relevant committees of the board or within the main board directly. The purpose would be to identify and manage any risks that could materially impact the operations of the organization or otherwise threaten the sustainability of the organization.

iii) How will you contribute to strengthening risk oversight and management at ARIN?

I would propose conservative methods to identify, inventory, and regularly review risks. To appropriately take action to protect the organization or proactively resolve risks with a specific method to measure and manage all organizational risks.

b) Strategy

i) Supporting and reviewing the strategic direction identified by ARIN's management, in consultation with its membership, is an important responsibility of Trustees. Based on your understanding of ARIN's current strategic plan and the environment in which it operates, what opportunities or challenges do you foresee for the organization?

The organization continues to see number blocks transferred to other RIRs, some of the transfers are the result of unfavorable legal terms or other issues that companies choose to manage their resource in other regions. I see that the legal and technical frameworks need to provide value for companies to keep their resource in the ARIN registry this includes RPKI, Registration Service Agreements, and overall services. This is essential to maintain the stability of the organization and the financial health for the future.

ii) How might these challenges and opportunities influence current or future strategic plans?

These issues will require a detailed review of services, pricing, and legal terms to best meet the needs of the organizations membership and the global Internet community. Many of these will require difficult discussions to manage risk, sustain financial health, and provide industry leadership to maintain the organization into the future.

iii) Please explain how your background and experience would help in addressing what you believe are ARIN's greatest challenges.

I have a clear understanding of where the organization has come from, where the organization is today, and a reasonable understanding of the direction the organization is headed in the future. With my extensive industry experience, I believe I can support the Board and the membership to identify and manage the organizations greatest challenges. This will include a solid understanding the business, legal, and technical landscape and providing the feedback and leadership to navigate all issues facing the organization.

JAWAID BAZYAR

Vero Broadband

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/jawaidbazyar/>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

Vero Broadband, CTO

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

Jawaid led Forethought.net for 26 years prior to its sale to Vero Broadband, where he functions as CTO. Our firm is one of the largest privately owned regional ISPs in the Colorado.

Jawaid managed backbone network, numbering, address assignment policies at these organizations.

As CEO, Jawaid was responsible for writing corporate policy and technical documentation, from business as well as technical perspective.

Jawaid is one of the most successful grant writers for the Colorado Broadband Fund program for rural broadband deployment.

Jawaid understands the challenges of growing new technology Internet Provider businesses and especially as numbering resources relate to that.

Jawaid has presented at ISPCon, and has extensive history and success in building consensus in communities ranging from HOAs, to local governments, for broadband initiatives.

As key player in midsize-to-growing ISP, Jawaid would bring perspective not present in current Advisory Board or Board of Trustees, and could fairly represent a large and very important segment of ARIN membership.

JAWAID BAZYAR

ii) Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.

https://arin-elections.net/wp-content/uploads/2022/08/bazyar_resume.pdf

iii) You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.

<https://www.linkedin.com/in/jawaidbazyar/>

b) The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.

I advise the CEO and Board of Vero Broadband on these topics today.

3. Eligibility

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?

No conflicts of interest.

b) Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?

Yes.

c) If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".

N/A

d) Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.

None.

4. Nominee Information

a) Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?

I would be new to active ARIN participation, not counting some interaction on ARIN mailing lists.

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

Current policy is problematic for the many and growing ISPs trying to bring new technology (FTTx, Fixed Wireless, LTE) to especially rural areas.

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

JAWAID BAZYAR

No input on this at this time.

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

There are significant holders of unused IPv4 resources and current policy does not address how this hampers new entrants to the ISP market.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

IP addresses, especially IPv4 addresses, are a public resource necessary to the functioning of a dynamic, evolving free market in provision of Internet services. Clearly new allocation should be needs-based, but also, holding on to existing resources should be needs-based.



DOUGLAS CAMIN

Coordinated Care Services, Inc.

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/dougcamin>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN’s best interests into account—not those of organizations with which they are affiliated.

Coordinated Care Services, Inc.
NYS Local Government IT Directors Association

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

I have a long history of experience with non-profit and government board leadership participation that I feel translates well to participation in ARIN’s Advisory Council. I view participation on the Advisory Council as an excellent way to more fully understand the work ARIN does and be a part of the community supporting the infrastructure of the public internet.

I have spent ten years participating with Visions Federal Credit Union’s board and supervisory committee, the last six years as Chair of the Supervisory Committee. In that role I regularly participate in all board meetings, strategic planning sessions with both the board and management, help review all policies, review/respond to member complaints, and review and provide board-level leadership for auditing and enterprise risk functions of the credit union. Visions is the 50th largest CU in the US and is a member-service cooperative – it has many things in common with ARIN and the responsibilities needed. They support their volunteers with paid professional learning (conference) opportunities and travel for board members, similar to ARIN.

In addition, I also have served the last four years as Vice President of the NYS Local Government IT Directors Association, the trade group representing the interests and collaborative vehicle for statewide IT leaders. In this role I planned the organization’s annual conferences (2 per year), with 250+ attendees. I regularly led and facilitated discussions, presentations, and built the agendas and recruited speakers.

DOUGLAS CAMIN

Prior to coming to Coordinated Care Services as CITO, I spent 9 years as a municipal CIO. I have extensive experience working with government agencies and entities, performing direct lobbying\influence activities in a variety capacities, and have a long history of leadership roles in volunteer-based organizations where participation is voluntary but provides high-visibility, large-scale impact.

I feel that the best advantages I can bring to ARIN's Advisory Council will be diversity of background and extensive non-profit leadership experience.

ii) *Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.*

https://arin-elections.net/wp-content/uploads/2022/08/camin_resume.pdf

iii) *You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.*

None

b) *The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.*

In my roles I have regularly delved into policy development of a variety of ways – internal policies for cybersecurity, compliance, and more – and regularly advise boards and elected groups such as Legislatures on policy and law development.

3. Eligibility

a) *Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?*

N/A

b) *Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?*

Yes.

c) *If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".*

N/A

d) *Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.*

None

4. Nominee Information

a) *Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?*

I have not previously participated in an ARIN meeting, I am looking forward to being a part of the ARIN community discussions.

DOUGLAS CAMIN

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

An area of focus that I personally feel needs attention is number assignments for smaller entities. As a representative of a local government entity I found the process of obtaining numbers from ARIN to not be challenging.

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

I have not previously participated in the Advisory Council role, so this is an area where I do not have relevant input as of yet.

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

In reviewing the legacy IP holder discussions, I think it is important for legacy IP holders to understand that they are a part of the same community as any newer ARIN-assigned holders. IPs are a public good and ARIN is the named steward of these, and it is important to find the best ways for legacy IP holders to participate in ARIN's process.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

Given the scarcity of IP addresses, I think needs-based justification remains an important component of receiving IP address allocations. The most challenging part that I see is force de-allocation - given the scarcity, if you possess a range of IPs and it will be difficult or impossible to get it back after giving it up, it becomes incredibly difficult to reasonably force recipients to give back blocks of IPs. There may be other solutions to this issue, though I'm sure it is not new.



GERRY GEORGE

SLICTA - Saint Lucia

Nomination Committee Evaluation: Well Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/gerrygeorge>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

- Caribbean Network Operators Group (CaribNOG);
- Caribbean ICT stakeholders Virtual Community (CIVIC);
- Commissioner, National Telecommunications Regulatory Commission (NTRC – Saint Lucia); President, ICT Association of Saint Lucia (SLICTA);
- ISOC & ICANN ALS

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

Advocacy within CIVIC, SLICTA, NTRC/ECTEL, ICANN, ISOC and local and regional for a on issues related to ICT, Internet & governance, and telecommunications regulations.

Those roles provides experience in outreach, developing and driving public awareness, collaborating and establishing connections with key stakeholders within those various communities as and when required.

Internet governance training session with Diplo (October 2010), also governance exposure within professional capacity with the NTRC, past Credit Union Board position (Secretary) and regulatory training throughout my NTRC engagement as a Commissioner, participating in consultations on reviewing and updating of policies and attendant legislation.

Have also arranged and organized an ARIN in the Caribbean session in Saint Lucia (March 2018) through SLICTA.

Participating in consultations via SLICTA with the Saint Lucia Bureau of Standards on review of and adaptation of International standards (ISO, etc) for applicability to local

GERRY GEORGE

implementation; Consult with various government ministries in various working groups on proposed policy and legislation under consideration.

Telecommunications/ICT Regulator with the NTRC–Saint Lucia

Close to 30 years working professionally in the ICT field with Internet resources, IP networking, DNS & Domain Name registration & management, and systems hardware and software deployment, configuration & management.

Active participation in various technical forums on Internet resources, Open Source software, technical support and ICT for development in developing countries

Part-time lecturer for over 15 years with the Sir Arthur Lewis Community College (SALCC) and University of the West Indies (UWI) management programs (Course: Management Information Systems – year 2 students)

ii) *Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.*

https://arin-elections.net/wp-content/uploads/2022/08/george_resume.pdf

iii) *You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.*

None provided.

b) *The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.*

Within the NTRC, one of the roles as a Commissioner is to provide advice to the Minister with responsibility for Telecommunications on possible actions and related government policies and interventions. Also engaged in local and regional discussions (workshops & consultations) on harmonized ICT regulations for the Caribbean states (HIPCAR project). As a member of the executive of SLICTA, we often participate on ministerial working groups on proposed relevant and ICT-related policies under consideration.

3. Eligibility

a) *Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN’s Advisory Council. How do you propose to resolve any such conflicts?*

I have no conflicts of interest that I am aware of.

b) *Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?*

Yes.

c) *If not currently eligible, how will you become eligible to serve if elected (i.e. “If elected, I will resign from the position of _____ before 31 Dec 2022”). If not applicable, simply enter “N/A”.*

N/A

d) *Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.*

GERRY GEORGE

I am not aware of any limitations in my ability to participate or attend the AC and Public Policy Meetings in person, or to be able to serve out all of the elected term.

4. Nominee Information

a) *Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?*

Yes, I have attended ARIN meetings both in-person and virtually.

Most rewarding with the in-person meetings, were the personal interactions with so many knowledgeable individuals, the ability to (freely) ask questions, seek advice and have open discussions were very rewarding.

For both the on-line and in-person meetings, the opportunity for everyone to have a voice, and ARINs strong encouragement to persons having their voice heard, to weigh in with their opinion as part of the discussion process was very eye-opening, encouraging and pleasing from a governance perspective.

b) *What areas of Internet number resource policy, if any, need more attention by ARIN; why?*

Not sure that there is significantly more that ARIN can do beyond their levels of advocacy, promotion and public awareness, unless it is simply more of it, and maybe more targeted engagements towards particular and specific groups and constituencies.

Also, more events like ARIN-on-the-Road, which are smaller, and more targeted interventions may yield dividends in reaching some persons and groups who are not attuned to the larger events.

c) *In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?*

The number resource policy is fairly well detailed and received regular review via the PDP. While there is sometimes disagreement on some aspects of a particular policy by some sections of the community, the process is sufficiently inclusive to allow for discussion and consensus prior to acceptance or rejection of clauses (or entire proposals).

Areas of improvement would lie in further inclusion of additional parties - a wider community, of which some segments and sections are under-represented in terms of participation in the ARIN space.

d) *What are your thoughts on the rights and responsibilities of legacy IP address holders?*

Even as a current legacy IP holder, I do think that it is important that such scarce resources be utilized or there should be plans for its utilization within a reasonable time-frame. Reasonable considerations should exist to address such idle resources in a manner which would also not be disadvantageous to the address holder.

e) *What are your thoughts on needs-based justification for the receipt of IP addresses?*

ARIN has been very flexible in meeting the needs of members for number resources (IP addresses), especially with the exhaustion of the IPv4 space, and in the promotion of IPv6 towards greater adoption, particularly by smaller entities (by allowing requirements and requests for smaller address blocks in the v6 space).

GERRY GEORGE

Requiring justification based on needs (as opposed to wants) will allow for greater efficiency in the distribution and allocation of the resources, particularly where there is scarcity.

As such, I think the current needs-based justification generally meets the requirements and demands of the majority of the membership.



BRIAN JONES

Virginia Tech

Nomination Committee Evaluation: Well Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/brianjusa/>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

- Virginia Tech,
- Scrum Alliance,
- Agile Mentors Community

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

Brian is currently Assistant Director of Operations for Virginia Tech, leading an Escalation team of IT subject matter experts. He has worked in the higher education electronics and telecommunications industry since 1984, chasing electrons since 1979. He helped install Virginia Tech's first 10Base-T hubs in 1991. He helped VT procure additional IPv4 address space to augment our legacy address blocks just before ARIN was completely depleted of IPv4 address space. He also helps VT procure IPv6 address space to replace old Internet2/MAX blocks. He has been active in the ARIN and NANOG community for many years. He participated in the 2019 EDUCAUSE IPv6 panel along with other ARIN members to promote the use IPv6. He is the author of Virginia Tech's IPv6 Case Study on the teamarin.net web site. Brian was elected in 2021 to serve a one-year term on the AC. His current term expires 31 December 2022.

ii) Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.

https://arin-elections.net/wp-content/uploads/2022/08/jones_resume.pdf

BRIAN JONES

iii) You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.

<https://www.linkedin.com/in/brianjusa/>

b) The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.

I have served as an ARIN-AC member since Jan 1, 2022. I have learned a lot about policy development and want to continue to help our region have the best, fairest, and most effective policy in helping communities in the ARIN region have fair and equal access to Internet resources. I have also served on the Board of Directors of AHECTA (Association for Higher Education Communications Technology Advancement)

3. Eligibility

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?

None

b) Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?

Yes.

c) If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".

N/A

d) Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.

None

4. Nominee Information

a) Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?

Attending ARIN meetings is always a learning experience. Meeting such a wide selection of Internet community members creates perspective and helps develop understanding of various Internet resource needs. Allow time for hallway discussions and interactions.

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

IPv4 addressing needs policy cleanup which is currently being worked on. More attention to just how simple it can be to obtain IPv6 address space from ARIN and how it can be used. Broader distribution of tools and information about IPv6 offered by ARIN.

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

Finding ways of determining vote counts/accepting votes for policy proposal adoption. Current methods allow for influenced votes just by the visual aspect of those in the room.

BRIAN JONES

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

I think they should come on board and get a signed agreement with ARIN for proper representation of the legacy IP space they use. I recently was able to get my organization, Virginia Tech, to come on board with a full RSA agreement for all of our IP address space, much of which was legacy.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

I believe that some sort of needs based justification should be given/required that relates to actually building and utilizing networks for Internet connectivity purposes.

KENDRICK KNOWLES

Occupation: Knowles Consulting Group

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/kendrick-knowles-jr-ccdp-ccnp-pmp-11bb4530>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

- ISOC Internet Society,
- Rotary International
- Bahamas Chess Federation

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

I have been responsible for providing routing designs and working with ARIN to ensure clients get pre approval for address space. I spent my career teaching networking certifications like CCNA and CCNP.

ii) Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.

https://arin-elections.net/wp-content/uploads/2022/08/knowles_resume.pdf

iii) You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.

<https://www.kcgbahamas.com/>

b) The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.

I have served in senior IT positions where my responsibilities was to advise executive boards on policy. My knowledge of IP protocol and address spaces would be an asset

KENDRICK KNOWLES

3. Eligibility

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?

None

b) Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?

Yes.

c) If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".

N/A

d) Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.

N/A

4. Nominee Information

a) Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?

None

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

IPv4 reallocation and approval process

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

Ensuring that there is fair and timely approval of applications

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

They should be entitled to leverage their space as necessary for their organisations goal but do so in a way that protects the interests of the internet community as a whole. They should be encouraged to only use what is necessary.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

This is ideal and necessary to ensure only those who need will be granted.



GUS REESE

Cogent Communications Inc.

Nomination Committee Evaluation: Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/greese/>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

IP Administrator for Cogent Communications Inc.

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

I have worked for ISPs since the start of my career in 1998. I have spent most of my career working for Tier 1 carriers which has provided me a different perspective on issues that our community faces. I have spent the past eight years becoming more involved in the ARIN community and more recently started to cultivate relationships with other ARIN members.

ii) Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.

https://arin-elections.net/wp-content/uploads/2022/08/reese_resume.pdf

iii) You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.

None provided.

b) The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.

In my current position I find myself evaluating new technologies and products and making recommendations to my senior management on their viability.

GUS REESE

3. Eligibility

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?

I do not believe I have any conflicts of interest.

b) Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?

Yes.

c) If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".

N/A

d) Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.

As long as I have my health and sufficient notice to travel, I do not see any limitations.

4. Nominee Information

a) Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?

Yes. I was at ARIN 49 in person and have joined the past few years virtually at the meetings. What I found most rewarding from ARIN 49 was the face to face time with new friends & colleagues and meeting some of the current AC members and being able to pick their brains during the social events. I'm still new to these meetings and do not have any suggestions for improvement yet.

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

I cannot identify any areas currently. My only suggestion is one the AC is currently undertaking with some of the older policies by revisiting and changing language for clarification of said policy.

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

I can offer no improvement suggestions at this time.

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

We are at a very interesting time in our industry. I am biased on this issue as I do have a lot of IPv4 space that is listed as legacy and not covered under an LRSA. I know what barriers I face with the LRSA and I hope lowering those barriers with certain key language changes may entice more legacy holders to sign the RSA. I would need a better definition of which rights before I spoke more about my thoughts.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

I am biased on this question because of having applied needs-based justification for over eighteen years of allocating IP resources to my end users. The justification for IP space should be on current and 12 month future requirements. With the exhaustion of available IPv4 resources from the RIRs my want does not trump your actual need.



ALISON WOOD

State of Oregon

Nomination Committee Evaluation: Well Qualified

Nominee Questionnaire

1. Public Contact Information

a) Please provide one URL to an online location (LinkedIn, Twitter, etc.) where community members can dialogue with you. [Optional.]

<https://www.linkedin.com/in/alison-wood-30149a3/>

b) Please identify your organizational affiliations. Note that Advisory Council (AC) members serve as individuals required to take ARIN's best interests into account—not those of organizations with which they are affiliated.

- State of Oregon,
- United States Track and Field Association,
- Industry Network Technology Council

2. Relevant Biography

a) Please refer to the ARIN Advisory Council Guidance to the 2022 Nomination Committee in answering this question:

i) Please describe your relevant professional experience and expertise and explain how this background will make you an effective AC member.

Hello! My name is Alison Wood and I am a network architect for the State of Oregon. I am part of a team that serves the people of Oregon with 40,000 end users spread over 500 remote sites within Oregon. As an architect, I wear many hats. My responsibilities include developing, building, maintaining and monitoring our WAN, MAN and LAN infrastructure. The State has several class B and C subnets and I am responsible for maintaining that space with ARIN. I also work with our partners, communities and other municipalities on implementing ipv6 in their networks.

My daily duties include working with highly technical teams as well as interpreting highly technical information into business relevant digestible data that can be understood from many perspectives. Communication is an integral part of my job with the state, whether that is presenting to large audiences or breaking down the complexities of internet traffic to a management team. Listening to the ideas, concerns and questions of my peers and being able to speak technically or generally is a skill that I have focused on over my career. As an AC member, this skill set has served me well. ARIN AC members meet with members of the community to answer questions, to explain the policy development process, to assist the community in bringing their ideas to submitted draft policies and to shepherd policies through the process. Being an approachable member of the advisory council combined with my experience communicating both technically and generally allows me to assist our ARIN community in many ways.

ALISON WOOD

ii) Attach a resume, curriculum vitae, or other biography highlighting your experience most relevant to the duties of the AC.

https://arin-elections.net/wp-content/uploads/2022/08/wood_resume.pdf

iii) You may also optionally include additional web links to external websites (e.g., social media), though not as a substitute for your biography.

None provided

b) The role of the Advisory Council is to advise the Board of Trustees on Internet number resource policy and related matters. Describe a similar experience you have had in such an advisory role.

I am a member of the Advisory Council for the Industry Network Technology Council. The mission of this group is to focus on the protocols and applications to promote education and collaboration on current and evolving Internet Standards in a vendor-neutral environment. Recently the federal government announced that it will be mandating an exclusive ipv6 network by 2025. It has been my responsibility to present use cases to the board, with directives in enterprise training, white papers and communication; both to the board and to affected municipalities. It is my goal that we will be able to assist states with the transition to ipv6 on a rapid timeframe.

3. Eligibility

a) Please disclose any conflicts of interest you may have, real or perceived, that would impact your ability to perform your duty as a member of ARIN's Advisory Council. How do you propose to resolve any such conflicts?

I have no conflicts of interest.

b) Are you currently eligible to serve on the Advisory Council according to the Conflicts of Interest Policy?

Yes.

c) If not currently eligible, how will you become eligible to serve if elected (i.e. "If elected, I will resign from the position of _____ before 31 Dec 2022"). If not applicable, simply enter "N/A".

N/A

d) Describe any limitations on your ability to: attend AC and Public Policy Meetings in person; or serve all of the elected term.

No limitations.

4. Nominee Information

a) Have you attended ARIN meetings or otherwise participated in ARIN activities in the past? What did you find the most rewarding from those meetings or activities? What suggestions for improvement do you have?

I have participated in ARIN meeting in person and remotely for approximately 10 years. I find the lunch time table topics most rewarding. I appreciate the extended clarification of different topics within the community as well as the relaxed setting where topics can be discussed with other members of the community. I would like to see additional technical sessions at the meetings.

ALISON WOOD

b) What areas of Internet number resource policy, if any, need more attention by ARIN; why?

I believe that there is confusion in the community regarding ipv6 space and how much space is truly needed. I would like to see clarification in policy regarding initial block size justification. However, I think ARIN has done an amazing job simplifying the process and I love the document that explains how to get ipv6 space in 5 easy steps!

c) In what ways could the AC's role managing ARIN's Internet number resource policy be improved, if any?

This is a hard question to answer as a current AC member. I have found that our three working groups have accomplished so much in improving the AC's roles regarding number resource policy and their work continues, the NRPM is being updated, the Policy Experience Reports are being addressed after each meeting and the Policy Development Group has been submitting policies.

d) What are your thoughts on the rights and responsibilities of legacy IP address holders?

I believe that legacy holders have the same rights as all members of the community. I also believe that legacy holders have the same responsibility as general members to update their contacts, stay current with their information and to investigate if an LRSA is the best course of action for them.

e) What are your thoughts on needs-based justification for the receipt of IP addresses?

Needs based justification is necessary for both ipv4 and v6 space, although for different reasons. Obviously, the free pool has been depleted and while for example, ARIN can offer a /22 to a new ISP on the waitlist justifications for space are necessary to prevent hoarding and fraudulent misuse. IPv6 is a bit different in needs-based as the offerings are much larger and the design of ipv6 is to prevent the same type of runout that we had with v4. I believe ipv6 needs to be managed resourcefully and avoid unnecessary or wasteful practices.



KATE GERRY

NetActuate, Inc.

Nominee Questionnaire

1) *Bearing in mind that you run and serve as an individual, rather than representing an organization, is there an organizational/employer affiliation you'd like to state for identification purposes?*

As a \$DAYJOB, I work for NetActuate, Inc. A global critical edge infrastructure organization.

2) *Are you available to serve the entirety of a three-year term?*

Yes.

3) *Describe any limitations on your ability to travel to attend ARIN and ICANN meetings in person or participate in scheduled teleconference calls.*

Barring emergencies, there are no restrictions to my attending meetings in either person or virtually.

4) *The ASO AC holds monthly conference calls and participation is expected of all members. Would participation in these calls present any issue for you?*

No, there are no anticipated issues for me contributing in monthly conference calls.

5) *Why do you want to serve on the NRO NC, and what goals do you want to accomplish?*

I want to use my experience to help ARIN and the ASOAC in policies and procedure.

6) *What, if any, conflicts of interest might arise for you as an NRO NC member? Specifically, do you serve in what could be perceived as any Internet governance roles, provide any services directly or indirectly to ARIN, or represent any significant interest from the community?*

There is no conflict.

7) *What is your record of serving the Internet community in the ARIN region?*

I have worked as a network administrator in the ARIN region for the last 12 years across four ARIN organizations. I frequently attend ARIN, NANOG, and GPF.

8) *What participation do you have within ICANN, in the past and currently? Are you a member of any other ICANN AC or SO?*

None

9) *What differentiates you as a candidate, or makes you uniquely suited to serve on the NRO NC?*

Nothing makes me unique except a willingness to serve.

KATE GERRY

10) *Provide a brief biography of recent experience, associations, and affiliations relevant to serving on the NRO NC, including names of organizations, positions held, specific duties, and dates of service.*

I started on my network path in 2010 at QuadraNet, leaving for my own consulting gig and NetActuate in 2018. At NetActuate I operate networks across the world in five RIR regions and have number resources in four.

11) *(Optional) Provide one URL to a social media website of your choice, to foster dialogue with community members.*

None provided

12) *(Optional) Provide one URL to a web page with biographical information.*

None provided



NICK NUGENT

Amazon Web Services, Inc.

Nominee Questionnaire

1) *Bearing in mind that you run and serve as an individual, rather than representing an organization, is there an organizational/employer affiliation you'd like to state for identification purposes?*

Corporate Counsel (attorney) for Amazon Web Services, Inc.

2) *Are you available to serve the entirety of a three-year term?*

Yes.

3) *Describe any limitations on your ability to travel to attend ARIN and ICANN meetings in person or participate in scheduled teleconference calls.*

No limitations

4) *The ASO AC holds monthly conference calls and participation is expected of all members. Would participation in these calls present any issue for you?*

These calls would not present any issue for me

5) *Why do you want to serve on the NRO NC, and what goals do you want to accomplish?*

I want to serve on the NRO NC because of my interest in internet governance. I have both worked on internet governance matters as a practitioner and studied the subject as an academic matter. I am now ready to begin participating directly in governance. The NRO NC interests me more than any other committee because it not only provides the opportunity to aid in the important role the RIR system plays in the internet ecosystem, but it would also enable me to interface with ICANN and thereby advance ARIN's interests within ICANN as well.

My primary goal as a member of the NRO NC would be to serve the ARIN community, for example by helping to ensure that ICANN's activities affecting ARIN reflect the appropriate scope of the contractual relationship between the parties. But as a secondary matter, I would like to explore whether there are opportunities to formulate new global policies to harmonize differing RIR policies or that take into account recent or potentially emerging international developments, such as inconsistent state regulations or the growing prospect of internet fragmentation.

6) *What, if any, conflicts of interest might arise for you as an NRO NC member? Specifically, do you serve in what could be perceived as any Internet governance roles, provide any services directly or indirectly to ARIN, or represent any significant interest from the community?*

None of the situations presented in the Nomination and Appointment Conflict of Interest Requirements (<https://www.arin.net/participate/oversight/elections/processes/conflicts/>)

NICK NUGENT

apply to me. I also do not anticipate that any other conflicts of interest would arise by virtue of my serving on the NRO NC.

7) *What is your record of serving the Internet community in the ARIN region?*

I have attended multiple ARIN conferences and have been an ARIN Fellow. I have participated in the ARIN policymaking process and assisted with efforts to increase RPKI development, IPv6 adoption, and IPv4 availability for smaller organizations in the ARIN service region.

8) *What participation do you have within ICANN, in the past and currently? Are you a member of any other ICANN AC or SO?*

I have not participated in ICANN governance to date. But as mentioned above, one of the main reasons I desire to become a member of the NRO NC is the opportunity to serve as one of ARIN's liaisons to ICANN, thus providing exposure to both numbering and naming.

I am not a member of any other ICANN AC or SO.

9) *What differentiates you as a candidate, or makes you uniquely suited to serve on the NRO NC?*

I believe three attributes make me uniquely suited to serve on the NRO NC. First, my experience as a lawyer for two of the largest technology companies in the world brings a keen eye for policy details and issue-spotting that would help serve the NRO NC's mission. The value of these skills is perhaps evidenced by the fact that no fewer than three lawyers currently serve on the ASO AC (one for each of APNIC, LACNIC, and AFRINIC). Moreover, if elected, I would be the first lawyer to serve on ARIN's NRO NC in its 22-year history.

Second, I have a strong academic interest in internet governance more broadly. I am deeply familiar with the history of the internet and its current governance bodies and regularly read the latest scholarship on the subject.

Third, I am technical, having completed a B.S. in Computer Science and worked as a developer. I regularly engage with the technical aspects of networking services to advise engineers, and I continue to program in my spare time. I am therefore familiar not only with internet governance policy but also with modern network architecture and protocols.

10) *Provide a brief biography of recent experience, associations, and affiliations relevant to serving on the NRO NC, including names of organizations, positions held, specific duties, and dates of service.*

Attorney, Microsoft Corporation, 2013 – 2016: primary legal support for five services within Microsoft's Azure cloud computing product, including Operations, Compute, and Mobile.

Corporate Counsel, Amazon Web Services, 2019 – : primary legal support for AWS Edge Services, including IPv4 purchases and policymaking, DNS, Networking, CDN, and Cybersecurity.

11) *(Optional) Provide one URL to a social media website of your choice, to foster dialogue with community members.*

None provided

12) *(Optional) Provide one URL to a web page with biographical information.*

None provided

