

**REMARKS OF DAVID TURETSKY
CHIEF, PUBLIC SAFETY & HOMELAND SECURITY BUREAU**

**COMMUNICATIONS SECURITY, RELIABILITY, AND INTEROPERABILITY COUNCIL (CSRIC)
MEETING
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As Prepared for Delivery

Please accept my additional welcome to the Commission today.

We always look forward to when CSRIC comes to speak to us. While we are sorry to see CSRIC III come to an end, I am reminded of what a productive time this has been for the Council!

I likewise want to thank Chairman Post and Stacy Hartman for their leadership and members of CSRIC for your sound advice.

I also would like to thank the CSRIC Working Group leadership:

For Working Group 1 – NG 9-11 – Co-Chairs Brian Fontes and Laurie Flaherty

For Working Group 2—Next Generation Alerting—Co-Chairs Scott Tollefsen and Damon Penn

For Working Group 3—E9-1-1 Location Accuracy—Co-Chairs Steve Wisely and Richard Craig

For Working Group 4—Network Security Best Practices--Chair Rod Rasmussen

For Working Group 5—DNSSEC Implementation Practices for ISPs--Chair Steve Crocker

For Working Group 6—Secure BGP--Co-Chair Andy Ogielski and Jennifer Rexford

For Working Group 7—Botnet Remediation--Co-Chairs Michael O’Reirdan and Peter Fonash

For Working Group 8—E9-1-1 Best Practices--Chair Robin Howard

For Working Group 9—Alerting Issues Associated with CAP Migration--Co-Chairs Edward Czarnecki and Chris Homer

For Working Group 10—Prioritization-- Co-Chairs Thera Bradshaw and Jeanna Green

For Working Group 11—Consensus Cybersecurity Controls--Co-Chairs Alan Paller and Marcus Sachs

To you and your Working Group members, thanks. I know that this work has not been easy. Steep challenges don't always result in unanimity or even consensus, but we appreciate your taking on this sizeable effort and working through differences to produce constructive, high-quality work products that meet the highest standards of CSRIC.

I would also like to take a moment to mention Patrick Donovan, Gregory Cooke, Timothy May, Kurian Jacob, Nnake Nweke, Randy Bachman, Vern Mosley, Jerome Stanshine, Eric Ehrenreich, and again Jeff Goldthorp – all of whom served in important roles as working group liaisons.

Earlier, from the Chairman, we heard some of the outstanding accomplishments already realized during the course of this Council. These accomplishments have only been possible because of the tremendously skilled group of highly talented and very seasoned professionals who comprise CSRIC and because collectively CSRIC is able to offer perspectives from many different vantage points. We have in CSRIC multiple disciplines represented and members with different backgrounds present, from: the private sector, including Internet service providers, public safety and consumer group organizations, and tribal, local, state and federal organizations. Collectively, this diversity of viewpoints has been important to the progress you have made on these critical issues.

Today, we turn our attention to final reports. Today's final reports not only provide us an update on remaining barriers to implementation since last March's report to which the Chairman alluded, but also provide us with much, much more:

- We'll hear from Working Group 2 regarding the continuing implementation of the Common Alert Protocol (CAP), creating more versatile end-user devices, and improving delivery of alerts to non-English speakers and functional needs communities;
- Working Group 3 will discuss leveraging Location-based Services and Emerging Location Technologies for Indoor Wireless E-911 along with the results of the E9-1-1 Indoor Location Test Bed;
- Working Group 4 will recommend best practices for routing systems;
- Working Group 5 will discuss metrics and measurements for evaluating the effectiveness of Domain Name System Security Extensions or DNSSEC deployment by Internet Service Providers (ISPs), and recommend whether the FCC should encourage parties concerned about whether DNSSEC exacerbates amplified distributed denial of service (DDoS) attacks to document these attacks and pursue possible defensive solutions;
- Working Group 6 will recommend whether deployment of resource public key infrastructure (RPKI)-based origin validation should be based on a "ground truth" of which autonomous systems (ASes) can announce each Internet Protocol (IP) prefix;

- Working Group 7 will recommend promotion of the ABCs for ISPs to encourage participation by the remaining 8 percent of residential ISPs who have yet to acknowledge adoption of the recommendations, the use of case studies and pilot programs to examine effectiveness metrics regarding botnet remediation, and actions the Commission can take to further encourage bot reduction and mitigation across the Internet ecosystem;
- Working Group 8 will address modernizing best practices that relate to E-911, and developing a structure for managing new classes of best practices for Public Safety Answering Points (PSAPs) and consumers, rather than service providers;
- Working Group 9 will identify significant issues that remain for CAP migration for Emergency Alert System (EAS) participants, such as the testing of a CAP Emergency Action Notification streaming audio message capability, and FCC coordination with the Integrated Public Alert and Warning System (IPAWS);
- Working Group 10 will address education of the public about when not to call 911; use of 311 calling instead of 911; and virtual consolidation of PSAPs; and
- Working Group 11 will recommend technical cybersecurity controls that can provide the most effective possible mitigation of known cyber risks to the business systems and networks maintained by communications providers.

This represents a huge body of work, and we enthusiastically look to learn more about your recommendations, as this Commission and its staff grapples with a way forward.

As you are aware, we are expecting to charter CSRIC for a new two-year term that begins this spring, since the charter for this particular CSRIC expires this month.

We recognize that our success in obtaining useful recommendations is directly related to our ability to identify and enlist the right experts who are willing to devote part of their valuable time to finding solutions in these areas, so I encourage you to please submit nominations to us on persons who should serve on the next CSRIC. Nominations are being accepted through March 20.

Once again, I thank you for your service and for your presence today. Mr. Chairman, I look forward to the reports that will be presented today.