

751(a)(1) and 777(i)(1) of the Act, and 19 CFR 351.213(h).

Dated: December 5, 2016.

**Paul Piquado,**

*Assistant Secretary for Enforcement and Compliance.*

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## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

[Docket No.: 161115999-6999-01]

#### National Cybersecurity Center of Excellence (NCCoE) Privacy-Enhancing Identity Federation Building Block

**AGENCY:** National Institute of Standards and Technology, Department of Commerce.

**ACTION:** Notice.

**SUMMARY:** The National Institute of Standards and Technology (NIST) invites organizations to provide products and technical expertise to support and demonstrate technology platforms for the Privacy-Enhancing Identity Federation Building Block. This notice is the initial step for the National Cybersecurity Center of Excellence (NCCoE) in collaborating with technology companies to address cybersecurity challenges identified under the Privacy-Enhancing Identity Federation Building Block. Participation in the building block is open to all interested organizations.

**DATES:** Interested parties must contact NIST to request a letter of interest template to be completed and submitted to NIST. Letters of interest will be accepted on a first come, first served basis. Collaborative activities will commence as soon as enough completed and signed letters of interest have been returned to address all the necessary components and capabilities, but no earlier than January 9, 2017. When the building block has been completed, NIST will post a notice on the NCCoE Web site at [https://nccoe.nist.gov/projects/building\\_blocks/privacy-enhanced-identity-brokers](https://nccoe.nist.gov/projects/building_blocks/privacy-enhanced-identity-brokers) announcing the completion of the building block and informing the public that it will no longer accept letters of interest for this project.

**ADDRESSES:** The NCCoE is located at 9700 Great Seneca Highway, Rockville, MD 20850. Letters of interest must be submitted to [petid-nccoe@nist.gov](mailto:petid-nccoe@nist.gov); or via mail to National Institute of Standards and Technology, NCCoE; 100

Bureau Drive, M/S 2002 Gaithersburg, MD 20899. Organizations whose letters of interest are accepted in accordance with the process set forth in the **SUPPLEMENTARY INFORMATION** section of this notice will be asked to sign a Cooperative Research and Development Agreement (CRADA) with NIST. A CRADA template can be found at: <https://nccoe.nist.gov/library/nccoe-consortium-crada-example>.

**FOR FURTHER INFORMATION CONTACT:** Paul Grassi via email at [petid-nccoe@nist.gov](mailto:petid-nccoe@nist.gov); by telephone 240-614-3686; or by mail to National Institute of Standards and Technology, NCCoE; 100 Bureau Drive, M/S 2002 Gaithersburg, MD 20899. Additional details about the Privacy-Enhancing Federation Building Block are available at [https://nccoe.nist.gov/projects/building\\_blocks](https://nccoe.nist.gov/projects/building_blocks).

#### **SUPPLEMENTARY INFORMATION:**

*Background:* The NCCoE, part of NIST, is a public-private collaboration for accelerating the widespread adoption of integrated cybersecurity tools and technologies. The NCCoE brings together experts from industry, government, and academia under one roof to develop practical, interoperable cybersecurity approaches that address the real-world needs of complex Information Technology (IT) systems. By accelerating dissemination and use of these integrated tools and technologies for protecting IT assets, the NCCoE will enhance trust in U.S. IT communications, data, and storage systems; reduce risk for companies and individuals using IT systems; and encourage development of innovative, job-creating cybersecurity products and services.

*Process:* NIST is soliciting responses from all sources of relevant security capabilities (see below) to enter into a Cooperative Research and Development Agreement (CRADA) to provide products and technical expertise to support and demonstrate security platforms for the Privacy-Enhancing Identity Federation Building Block. The full building block can be viewed at: [https://nccoe.nist.gov/projects/building\\_blocks/privacy-enhanced-identity-brokers](https://nccoe.nist.gov/projects/building_blocks/privacy-enhanced-identity-brokers).

Interested parties should contact NIST using the information provided in the **FOR FURTHER INFORMATION CONTACT** section of this notice. NIST will then provide each interested party with a letter of interest template, which the party must complete, certify that it is accurate, and submit to NIST. NIST will contact interested parties if there are questions regarding the responsiveness of the letters of interest to the building block objective or requirements

identified below. NIST will select participants who have submitted complete letters of interest on a first come, first served basis within each category of product components or capabilities listed below up to the number of participants in each category necessary to carry out this building block. However, there may be continuing opportunity to participate even after initial activity commences. Selected participants will be required to enter into a consortium CRADA with NIST (for reference, see **ADDRESSES** section above). NIST published a notice in the **Federal Register** on October 19, 2012 (77 FR 64314), inviting U.S. companies to enter into National Cybersecurity Excellence Partnerships (NCEPs) in furtherance of the NCCoE. For this demonstration project, NCEP partners will not be given priority for participation.

*Building Block Objective:* The primary objective of this building block is to demonstrate how federated identity services, leveraging market dominant standards, can include privacy enhancements for individuals and organizations that are not widely available in market available identity solutions. More specifically, this project seeks innovative ways to protect user attributes in order to prevent intermediaries in federated identity transactions from gaining access to personal information. Additionally, it seeks architectures in which organizations and identity brokers do not know each other's organizational identities, so that neither entity can track or link user activities beyond what is known from their direct relationship with the user. Any approach utilized to achieve this goal must be able to mitigate common online attacks, such as a man-in-the-middle attack.

This project will result in a freely available NIST Cybersecurity Practice Guide, describing in depth the technical decisions, trade-offs, lessons-learned, and build instructions, based on market dominant standards, such that organizations can accelerate the deployment of a similar privacy enhancing federated identity architectures.

A detailed description of the Privacy-Enhancing Identity Federation Building Block is available at [https://nccoe.nist.gov/projects/building\\_blocks/privacy-enhanced-identity-brokers](https://nccoe.nist.gov/projects/building_blocks/privacy-enhanced-identity-brokers).

#### **Requirements**

Each responding organization's letter of interest should identify which security platform component(s) or capability(ies) it is offering. Letters of interest should not include company

proprietary information, and all components and capabilities must be commercially available. Components are listed in section ten of the Privacy-Enhancing Identity Federation Building Block (for reference, please see the link in the PROCESS section above) and include, but are not limited to:

1. Relying Party Host(s)
2. Identity Provider Host(s)
3. Identity Federation Manager
4. Multi-factor credentials
5. Attribute Provider Host(s)
6. Cryptographic Module(s) to include key management (if required by commercial product)
7. Network, Compute, and Storage

Each responding organization's letter of interest should identify how their products address one or more of the following desired solution characteristics in Chapter 6—Desired Solution Objectives, of the Privacy-Enhancing Identity Federation Building Block (for reference, please see the link in the PROCESS section above):

Responding organizations need to understand and, in their letters of interest, commit to provide:

1. Access for all participants' project teams to component interfaces and the organization's experts necessary to make functional connections among security platform components
2. Support for development and demonstration of the Privacy-Enhancing Identity Federation Building Block in NCCoE facilities which will be conducted in a manner consistent with Federal requirements (*e.g.*, FIPS 200, FIPS 201, SP 800-53, and SP 800-63)

Additional details about the Privacy-Enhancing Identity Federation Building Block are available at [https://nccoe.nist.gov/projects/building\\_blocks/privacy-enhanced-identity-brokers](https://nccoe.nist.gov/projects/building_blocks/privacy-enhanced-identity-brokers).

NIST cannot guarantee that all of the products proposed by respondents will be used in the demonstration. Each prospective participant will be expected to work collaboratively with NIST staff and other project participants under the terms of the consortium CRADA in the development of the Privacy-Enhancing Identity Federation Building Block. Prospective participants' contribution to the collaborative effort will include assistance in establishing the necessary interface functionality, connection and set-up capabilities and procedures, demonstration harnesses, environmental and safety conditions for use, integrated platform user instructions, and demonstration plans and scripts necessary to demonstrate the desired capabilities. Each participant will train

NIST personnel, as necessary, to operate its product in capability demonstrations. Following successful demonstrations, NIST will publish a description of the security platform and its performance characteristics sufficient to permit other organizations to develop and deploy technology platforms that meet the security and privacy objectives of the Privacy-Enhancing Identity Federation Building Block. These descriptions will be public information.

Under the terms of the consortium CRADA, NIST will support development of interfaces among participants' products by providing IT infrastructure, laboratory facilities, office facilities, collaboration facilities, and staff support to component composition, security platform documentation, and demonstration activities.

The dates of the demonstration of the Privacy-Enhancing Identity Federation Building Block capability will be announced on the NCCoE Web site at least two weeks in advance at <http://nccoe.nist.gov/>. The expected outcome of the demonstration is to improve privacy-enhancing identity federation within the enterprise. Participating organizations will gain from the knowledge that their products are interoperable with other participants' offerings.

For additional information on the NCCoE governance, business processes, and NCCoE operational structure, visit the NCCoE Web site <http://nccoe.nist.gov/>.

**Kevin Kimball,**  
NIST Chief of Staff.

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## DEPARTMENT OF COMMERCE

### National Oceanic and Atmospheric Administration

RIN 0648-XF026

#### Magnuson-Stevens Act Provisions; Fisheries of the Northeastern United States; Northeast Multispecies Fishery; Approved Monitoring Service Providers

**AGENCY:** National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

**ACTION:** Notice of approved monitoring service providers.

**SUMMARY:** NMFS has approved five companies to provide at-sea monitoring services to Northeast multispecies

sectors in fishing years 2017 and 2018. Regulations implementing the Northeast Multispecies Fishery Management Plan require at-sea monitoring companies to apply to, and be approved by, NMFS in order to be eligible to provide at-sea monitoring services to sectors. This action will allow sectors to contract at-sea monitoring services with any of the approver providers for fishing years 2017 and 2018.

**ADDRESSES:** The list of NMFS-approved sector monitoring service providers are available at: <http://www.greateratlantic.fisheries.noaa.gov/sustainable/species/multispecies/>, or by sending a written request to: 55 Great Republic Drive, Gloucester, MA 01930, Attn: Kyle Molton.

**FOR FURTHER INFORMATION CONTACT:** Kyle Molton, Fishery Management Specialist, (978) 281-9236, fax (978) 281-9135, email [Kyle.Molton@noaa.gov](mailto:Kyle.Molton@noaa.gov).

**SUPPLEMENTARY INFORMATION:** Amendment 16 (75 FR 18262; April 9, 2010) to the Northeast Multispecies Fishery Management Plan (FMP) expanded the sector management program, including a requirement for industry-funded monitoring of catch by sector vessels. Framework Adjustment 48 to the FMP (78 FR 26118; May 3, 2013) revised the goals and objectives for sector monitoring programs. Sectors must employ approved independent third-party monitoring companies to provide at-sea monitoring services to their vessels.

#### Standards for Approving At-Sea Monitoring Service Providers

We are transitioning from an annual approval process to biennial approval to provide sectors additional stability and flexibility in negotiating contracts with monitoring companies. Applications approved this year will cover both fishing year 2017 and fishing year 2018 (May 1, 2017, through April 30, 2019). There will be an opportunity in 2017 for additional monitoring companies to apply for approval to provide services in fishing year 2018.

The regulations at 50 CFR 648.87(b)(4) describe the criteria for approval of at-sea monitoring service providers. We approve service providers based on: (1) Completeness and sufficiency of applications; (2) determination of the applicant's ability to meet the performance requirements of a sector monitoring service provider; and (3) documented successful performance in the prior fishing year. We can disapprove any previously approved service provider during the fishing year if the provider fails to meet the performance standards, including