Homeland Security

The Partnership Bulletin

From the National Protection and Programs Directorate / Office of Infrastructure Protection

November 6, 2018 **Volume 4, Issue 14**

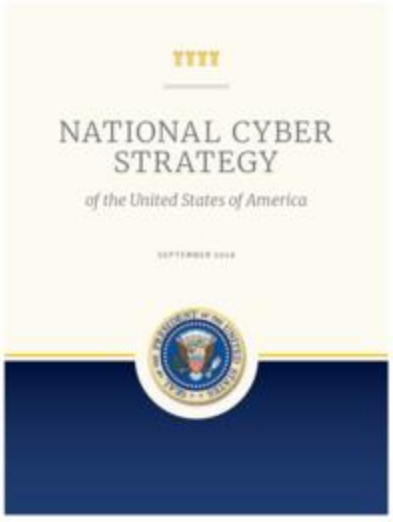
NOTICE - Last Issue in 2018

Pardon our absence while the Partnership Bulletin takes a short break. Look for a new design and content format in 2019. We welcome your feedback and suggestions on the frequency and content that interests you most for the redesigned publication.

Please tell us what you think at partnershipbulletin@hq.dhs.gov.

In This Issue

National Cyber Strategy Released



The Trump administration has taken bold steps to strengthen our security and prosperity in cyberspace in the face of growing threats and competition. The critical infrastructure that Americans rely on is threatened every day by nation-states, cyber criminals and hackers seeking to wreak havoc, disrupt commerce, and even undermine our democratic institutions. The National Cyber Strategy—the first in fifteen years—strengthens the government's commitment to work in partnership with industry to combat those threats and secure our critical infrastructure.

The National Cyber Strategy, along with the U.S. Department of Homeland Security (DHS) Cybersecurity Strategy released in early 2018, will guide the department's cybersecurity activities in a number of areas, including securing federal networks and information systems, managing risk to the nation's critical infrastructure, and combatting cybercrime. With respect to securing federal networks, for example, DHS has used its authorities to ensure agencies are updating and patching systems, strengthening their email security, and removing Kaspersky antivirus products from their systems. To strengthen critical infrastructure security and resilience, DHS works across government and industry to share timely and actionable information as well as provide training and incident response support. Working with the private sector, the department's newly launched National Risk Management Center is working collaboratively to break down silos, identify and prioritize national critical functions, provide a more holistic picture of the risk environment within and across sectors, and develop joint solutions to manage risk.

The new strategy also identifies several important steps that will further enable DHS to successfully combat cybercrime. Transnational criminal groups are employing increasingly sophisticated digital tools and techniques to enable their illegal activities online, and the strategy calls for DHS and the broader law enforcement community to continue to develop new and more effective legal tools to investigate and prosecute these criminal actors. It also notes the need for electronic surveillance and computer crime laws to be updated to keep pace with the rapidly evolving environment.

Cybersecurity is a shared responsibility, and DHS will continue to stand with its partners, in government and industry, to raise the collective defense against cyber threats to the Nation's security, prosperity, and way of life.

To read the National Cyber Strategy, go to https://www.whitehouse.gov/wp-content/uploads/2018/09/National-Cyber-Strategy.pdf.

National Response Framework Updates

The Federal Emergency Management Agency (FEMA) held webinars for stakeholders nationwide to discuss the agency's efforts in updating the National Response Framework (NRF) to incorporate lessons learned from the unprecedented 2017 hurricane and wildfire season. First released in 2008, NRF is a guide for how the nation responds to all types of disasters and emergencies. As part of FEMA's renewed effort to build a national culture of preparedness, this update will include the following areas:

- Additional emphasis on non-governmental capabilities to include the role of individuals and private sector/industry partners in responding to disasters.
- A new Emergency Support Function to leverage existing coordination mechanisms between the government and infrastructure owners/operators.

- Focus on outcomes-based response through the prioritization of the rapid stabilization of life-saving and life sustaining Lifelines.

The updated NRF will continue to focus on the capabilities necessary to save lives, protect property and the environment, and meet basic human needs during disasters. The framework will continue to be scalable, flexible, and adaptable, using the core capabilities identified in the National Preparedness Goal.

FEMA hosted a series of one-hour engagement webinars to describe the update and answer participants' questions. These webinars were geared toward the whole community, including individuals and communities, the private and nonprofit sectors, faith-based organizations, and all governments (state, local, tribal, and territorial, as well as federal agencies).

For more information on the update, visit http://www.fema.gov/national-planning-frameworks.

DHS and International City County Management Association Collaboration

Multiple infrastructure management resources and training sessions are available through the International City County Management Association (ICMA) of local government leaders. ICMA held its annual conference and training in Baltimore in September 2018. In one session, city and county administrators who volunteered two weeks to the Puerto Rico recovery assessment briefed on their experiences, peer-to-peer learning, and the importance of addressing aging infrastructure to reduce disaster impacts.

The DHS/IP Infrastructure Development and Recovery Program facilitated ICMA input into the development of FEMA's National Mitigation Investment Strategy and connected ICMA to the Community Planning and Capacity Building Recovery Function in Puerto Rico. ICMA then worked with FEMA to assess the challenges of municipal disaster preparedness. ICMA works with localities on how to budget infrastructure maintenance and investments and leverage federal assistance.

ICMA 2019 conference information is available at http://ICMA.org/2019-icma-annual-conference.

More information on the Puerto Rico recovery assessment can be found at http://icma.org/article/rising-post-disaster-challenge.

Now Available: Russian Activity Against Critical Infrastructure Awareness Briefing Recording

The recording of the July 2018 DHS Awareness Briefing on Russian Activity Against Critical Infrastructure is now live. During this webcast, experts from the National Cybersecurity and Communications Integration Center provided a briefing on recent cyber incidents, as well as mitigation techniques to protect the Nation's critical assets.

View information on all past webinars here: https://www.us-cert.gov/ccubedvp/past-events.

Water and Wastewater Infrastructure Webinar

The Environmental Protection Agency is hosting an Investing in Drinking Water and Wastewater Infrastructure Resilience Webinar Series during Critical Infrastructure Security and Resilience month to educate stakeholders about activities, technology, and funding opportunities that will help drinking water and wastewater utilities increase investment in building resilience.

Leveraging Funding Resources to Build Resilience
November 15, 2018
1:00 – 2:00 PM EST
This webinar will feature funding sources that can be used by drinking water and wastewater utilities to invest in resilience projects.

Register at: https://www.eventbrite.com/e/investing-in-infrastructure-resilience-webinar-series-registration-46192473933

Risk Management Process and Facility Security Committee Training

During Phase One of the National Compliance Advisory Initiative, the DHS Interagency Security Committee (ISC) provided awareness training across the country. Now building off that foundation, Phase Two provides a half day, instructor-led training course covering the Risk Management Process and the roles and responsibilities of the Facility Security Committee. The course is offered at no cost to Federal employees and state and local employees with a Federal sponsor. The training is available on a first-come, first-served basis.

- December 4, 2018 – Seattle, WA
- December 6, 2018 – Portland, OR

RSVP to ISC@hq.dhs.gov and include name, title, organization, armed/unarmed, and desired training location, with the subject line "ISC-NCAI training."

Corporate Security Symposia Dates

The DHS I&A Private Sector Outreach Program, in coordination with FBI, hosts regional Corporate Security Symposia around the country to discuss and inform public and private sector audiences on the most challenging security issues our Nation faces today.

The Corporate Security Symposia focus on topics that are critical to security within the public and private sectors. Events feature public and private subject matter experts (SMEs), who provide insight on a variety of issues such as cybersecurity, infrastructure protection, communications, global intelligence, border security, and counterintelligence. Several Fortune 500 companies, including Sony, the Walt Disney Company, Gulfstream, and Microsoft, have hosted past Corporate Security Symposia.

Region III

- Norfolk, VA, Wednesday, April 3, 2019

Region IV

- Biloxi, MS, Wednesday, March 20, 2019

Region VI

- Bentonville, AR, Wednesday, August 14, 2019

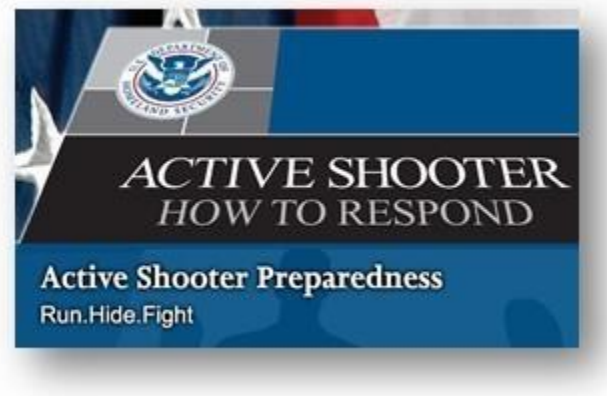
Region IX

- Los Angeles, CA, Thursday, December 6, 2018, Register Here

To register or for more information please contact I&APrivateSector@hq.dhs.gov.

Training/Resources

DHS offers a wide array of training programs and resources, at no cost, to government and private sector partners. Web-based training, classroom courses, and associated training materials provide government officials and critical infrastructure owners and operators with the knowledge and skills needed to implement critical infrastructure security and resilience activities. For further information, visit the DHS Critical Infrastructure Training website or the Critical Infrastructure Resources website.



Active Shooter Program Resources

NPPD/IP's Active Shooter Preparedness Program remains committed to developing resources that help the critical infrastructure community mitigate the potential impacts associated with the evolving threat environment. Visit the Active Shooter Preparedness webpage to access a variety of new products ranging from an active shooter preparedness fact sheet and Pathway to Violence informational poster to translated materials.

More Active Shooter Preparedness Resources:

- **Recovering From An Active Shooter Incident Fact Sheet:** provides high level considerations for the short and long-term phases of recovery following an incident.
- **Active Shooter Recovery Guide:** provides detailed information on actions organizations should consider to reconstitute services more effectively and ensure the wellness of their employees and visitors.
- **Active Shooter Emergency Action Plan Video**: A great resource for individuals unable to attend an in-person workshop or those who would like a refresher. This dynamic 90-minute video describes the fundamental concepts of developing an emergency action plan for an active shooter scenario by leveraging the perspectives of survivors, first responders, and SMEs.
- **Active Shooter Emergency Action Plan Trailer**: This one-minute video provides a brief overview of the components of the Active Shooter Emergency Action Plan video.
- **Options for Consideration**: Replacing the previously available resource, this seven minute video demonstrates possible actions individuals can take if confronted with an active shooter; it provides updated

information that includes considerations for individuals with disabilities and incorporation of technology into security practices.

Additional Resources

- A recently developed Vehicle Ramming Attack Mitigation video provides information to assist with mitigating the evolving threat corresponding to vehicle ramming incidents with insightful technical analysis from public and private sector SMEs. It leverages real-world events and provides recommendations aimed at protecting organizations and individuals against a potential vehicle ramming incident.
- **Understanding the Insider Threat Video:** uses security and behavior experts to discuss how insider threats manifest in a variety of ways including terrorism, workplace violence, and breaches of cybersecurity.
- **Unmanned Aircraft Systems (UAS) Video:** contains information on critical infrastructure challenges associated with the UAS threat, counter UAS security practices, actions to consider for risk mitigation, and provides messages of facility and organizational preparedness related to UAS incidents

For questions, please contact ASworkshop@hq.dhs.gov.

Active Shooter Preparedness Workshop Dates

Active Shooter Preparedness Workshops are conducted across the Nation to provide participants with information that helps mitigate the impacts of an active shooter incident. These workshops—which include case studies, visual media content, and facilitated dialogue in breakout sessions—allow participants to begin developing an emergency action plan for their respective organizations.

Below is the tentative schedule of upcoming workshops. For additional information regarding the upcoming schedule, please contact ASworkshop@hq.dhs.gov.

Region VIII

- Rapid City, SD, Tuesday, November 13, 2018

Office for Bombing Prevention Training Courses

Independent Studies:

These web-based courses are self-paced and designed for a broad audience to provide general awareness-level, counter-improvised explosive device (IED) information to general public and private sector partners to enhance awareness and response to IED threats. They are offered free-of-charge.

Homemade Explosives and Precursor Chemicals Awareness for Public Safety (AWR-349)

This one-hour, awareness-level, computer-based course, available through TRIPwire, educates law enforcement, firefighters, emergency medical technicians, and other public safety personnel about homemade explosives (HME), the precursor chemicals that are used to manufacture HME, and actions to take if HME precursor chemicals or equipment are thought to be present during a routine service call.

Improvised Explosive Device Awareness and Safety Procedures (AWR-341)

This one-hour, awareness-level, computer-based course, available on TRIPwire, provides foundational knowledge concerning IED and proper safety precautions and procedures for reacting and responding to unattended and suspicious items.

Direct Delivery In-Person Training:

Coordinated through DHS Protective Security Advisors (PSA), State Homeland Security Officials, and training offices, Office of Bombing Prevention courses educate Federal, state, local, tribal, and territorial participants—such as municipal officials and emergency managers, state and local law enforcement and other emergency services, critical infrastructure owners and operators, and security staff—on strategies to prevent, protect against, respond to, and mitigate bombing incidents. Unless otherwise indicated, all courses are instructor-led and designed for small groups of 25 participants.

Bombing Prevention Awareness Course (AWR-348)

This one-day awareness course provides an overview of bombing prevention topics. Course topics include IED and HME awareness, explosive effects mitigation, protective measures awareness, suspicious behaviors and items, and an introduction to the terrorist attack cycle for bombing events. This course is designed for public and private sector critical infrastructure owners and operators interested in or required to have a basic awareness of bombing prevention measures, public safety personnel, emergency managers, law enforcement, and special event security personnel can also benefit from the course. Upcoming scheduled courses are as follows:

Region IV

Research Triangle Park, NC – Robert Mielish, Robert.Mielish@hq.dhs.gov

- Wednesday, November 14, 2018

IED Search Procedures Course (PER-339)

This one-day, performance-based course introduces participants to basic, low-risk search protocols and allows participants to practice an IED search of a facility, an area, and a route in order to reduce vulnerability and mitigate the effects of IED attacks. This course is designed for public and private facility owners and operators and security staff that may be tasked with search duties during a bomb threat incident. Upcoming scheduled courses are as follows:

Region II

New York, NY – Kevin Peterson, kevin.peterson@hq.dhs.gov

- Tuesday, November 13, 2018

Region III

Philadelphia, PA – Richard Turzanski, Richard.Turzanski@hq.dhs.gov

- Sunday, November 18, 2018

Bomb Threat Management Planning Course (MGT-451)

This one-day, management-level course introduces participants to the DHS risk management process and the development of a bomb threat management (BTM) plan. During the course, participants will learn how to apply

specific portions of the risk management process and BTM procedures against mock BTM plans. This course is designed for public and private sector emergency management representatives, critical infrastructure owners and operators, and law enforcement officials. Upcoming scheduled courses are as follows:

Region IV

Research Triangle Park, NC – Robert Mielish, Robert.Mielish@hq.dhs.gov

- Tuesday, November 13, 2018

Protective Measures Course (PER-336)

This one-day, performance-based course provides participants with a basic understanding of how to identify risks and vulnerabilities to a facility, determine additional security needs for a special event or public gathering, and identify and apply physical and procedural protective measures to mitigate the threat of an IED or vehicle-borne IED (VBIED). This course is designed for public and private sector security personnel at the executive, management, and operations level. Public safety workers, emergency managers, law enforcement, and special event security personnel can also benefit from the course. Upcoming scheduled courses are as follows:

Region IV

Research Triangle Park – Robert Mielish, Robert.Mielish@hq.dhs.gov

- Thursday, November 15, 2018

Surveillance Detection for Law Enforcement and Security Professionals (PER-346)

This three-day, performance-based course provides instruction on how to detect hostile surveillance by exploring surveillance techniques, tactics, and procedures from an adversary's perspective. These skills enhance counter-IED capabilities of law enforcement and security professionals to detect, prevent, protect against, and respond to IED threats. This course incorporates multiple hands-on exercises and culminates in a field exercise that includes role players. This course is designed for law enforcement and public and private sector security staff. Upcoming scheduled courses are as follows:

Region II

Paramus, NJ – Andrew Smith, andrew.smith@hq.dhs.gov

- Tuesday, November 13, 2018

Vehicle-Borne Improvised Explosive Device (VBIED) Detection Course (PER-312)

This one-day, performance-based course provides participants with the knowledge and skills to recognize the VBIED threat and identify VBIED components and devices, methods for reacting to improvised explosive devices, and procedures for inspecting vehicles to detect VBIEDs. This course is designed for first responders, public safety officers, security officers, and law enforcement officers tasked with inspecting vehicles for explosive threats, hazards, or prohibited items. Upcoming scheduled courses are as follows:

Region II

West Point, NY – Michael Gray, mgray@usmint.treas.gov

- Saturday, November 10, 2018

New York, NY – Kevin Peterson, kevin.peterson@hq.dhs.gov

- Wednesday, November 14, 2018

Virtual Instructor Led Training (VILT):

These web-based courses provide general awareness-level, counter-IED information to a broad audience via an online virtual training experience with a live instructor, using Adobe Connect through the Homeland Security Information Network. These courses are designed for small group instruction of 15 to 25 participants.

A FEMA Student ID (FEMA SID) is required to participate in all VILT OBP course offerings. To obtain a FEMA SID, visit FEMA's website to apply. To view the VILT training schedule and register for a course, please visit the VILT website.

Homemade Explosive (HME) and Precursor Awareness (AWR-338)

This one-hour awareness course provides a basic understanding on HMEs and common precursor materials. Participants will define HMEs, explain the considerations perpetrators have when evaluating whether or not to use HMEs as the explosive for an attack, and identify common precursor chemicals and materials used to make HMEs. This course is designed for public and private sector individuals who are interested in or required to have a basic awareness of homemade explosives and precursor chemicals. Upcoming scheduled courses are as follows:

- Tuesday, November 13, 2018
- Thursday, November 15, 2018
- Thursday, November 29, 2018
- Tuesday, December 4, 2018
- Thursday, December 6, 2018
- Thursday, December 13, 2018
- Tuesday, December 18, 2018
- Thursday, December 20, 2018

Improvised Explosive Device (IED) Construction and Classification Course (AWR-333)

This one-hour awareness course provides participants with a basic understanding of the function, components, construction, and classification of IEDs. It is designed for public and private sector individuals who are interested in or required to have a basic awareness of IED construction and classification. Upcoming scheduled courses are as follows:

- Wednesday, November 14, 2018
- Wednesday, November 28, 2018
- Wednesday, December 5, 2018
- Wednesday, December 12, 2018
- Wednesday, December 19, 2018

Improvised Explosive Device (IED) Explosive Effects Mitigation Course (AWR-337)

This one-hour awareness course introduces participants to the effects of detonations and details the difference between blast, thermal/incendiary, and fragmentation effects and the destructive consequences of each on various targets. It also describes security measures and best practices that can help prevent or mitigate

explosive effects. This course is designed for public and private sector individuals who are interested in or required to have a basic awareness of how to mitigate the explosive effects of IEDs. Upcoming scheduled courses are as follows:

- Wednesday, November 14, 2018
- Thursday, November 15, 2018
- Tuesday, November 27, 2018
- Wednesday, December 5, 2018
- Thursday, December 6, 2018
- Tuesday, December 11, 2018
- Wednesday, December 19, 2018
- Thursday, December 20, 2018

Introduction to the Terrorist Attack Cycle Course (AWR-334)

This one-hour awareness course introduces a conceptual model of common steps that terrorists take in planning and executing terrorist attacks. It enhances participants' awareness and capability to prevent, protect against, respond to, and mitigate attacks that use IEDs against people, critical infrastructure, and other soft targets. This course is designed for public and private sector individuals who have a responsibility for critical infrastructure protection and those who are interested in or required to have a basic awareness of terrorist operations and bomb prevention. Upcoming scheduled courses are as follows:

- Tuesday, November 13, 2018
- Wednesday, November 28, 2018
- Thursday, November 29, 2018
- Tuesday, December 4, 2018
- Wednesday, December 12, 2018
- Thursday, December 13, 2018
- Tuesday, December 18, 2018

Protective Measures Awareness (AWR-340)

This one hour course introduces participants to identifying and filling facility security gaps. It provides a basic understanding on risks, risk management, and the three rings of security: physical protective measures, procedural/technical protective measures, and intelligence protective measures. Upcoming scheduled courses are as follows:

- Wednesday, November 14, 2018
- Tuesday, November 27, 2018
- Wednesday, November 28, 2018
- Wednesday, December 5, 2018
- Tuesday, December 11, 2018
- Wednesday, December 12, 2018
- Wednesday, December 19, 2018

Response to Suspicious Behaviors and Items Course (AWR-335)

This one-hour awareness course serves as an overview of appropriate responses to suspicious behaviors and items by differentiating normal and abnormal behaviors and highlighting appropriate responses to potential terrorist or criminal activity. It also discusses the differences between unattended and suspicious items, and the responses for each situation. This course is designed for managers and employees of stores that sell homemade explosive

precursors, facility managers, public and private sector emergency management representatives, security professionals, and law enforcement. Upcoming scheduled courses are as follows:

- Tuesday, November 13, 2018
- Thursday, November 15, 2018
- Tuesday, November 27, 2018
- Thursday, November 29, 2018
- Tuesday, December 4, 2018
- Thursday, December 6, 2018
- Tuesday, December 11, 2018
- Thursday, December 13, 2018
- Tuesday, December 18, 2018
- Thursday, December 20, 2018

Physical and Cybersecurity for Critical Infrastructure Training Course

The Texas A&M Engineering Extension Service (TEEX) is offering a course for practitioners managing physical and cybersecurity. The course is the result of a partnership between TEEX, NPPD IP, NPPD Office of Cybersecurity and Communications, and the FEMA National Training and Education Division. The course, MGT 452 – Physical and Cybersecurity for Critical Infrastructure, encourages collaborative efforts among individuals and organizations responsible for both physical and cybersecurity toward development of integrated risk management strategies that lead to enhanced capabilities necessary for the protection of our Nation's critical infrastructure.

Participants will identify physical and cybersecurity concerns impacting overall infrastructure security posture, examine integrated physical and cybersecurity incidents and the evolving risks and impacts they pose to critical infrastructure, and explore resources that can be applied to improve security within an organization, business, or government entity. The target audience is critical infrastructure owners and operators and individuals responsible for physical and/or cybersecurity within their organization, including Federal, State, local, regional, tribal, and territorial government officials, and owners and operators of small businesses and nonprofit organizations. This instructor-led course is eight hours in length and offers 0.8 continuing education units. For more information, contact nerrtc@teex.tamu.edu.

Register Today!

Region IV

- North Charleston, SC, Thursday, November 15, 2018

Missed the last one? Read the October 1, 2018 issue.

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