WISE 2016

WISE: a global trust community where security experts share information and work together, creating collaboration among different e-infrastructures

Update on workgroup Security Training and Awareness

Alf Moens
STAA: Security Training and Awareness

- The WISE community we recognise that there is a broad need for security training and for awareness materials
- We also see there is a lot of material available
- This working group will:
  - Identify 5 to 10 most relevant training topics for the coming 3 years
  - Collect good training practices;
  - Collect information about relevant existing trainings by the infrastructures;
  - Map out the need for organising joint training events on specific topics;
  - Map out the need for developing trainings;
  - Set up a basic training and awareness programme for organisations in the WISE community, identifying which trainings are needed.

- Chairs: Alf Moens (SURFnet) - Jim Marsteller (PSC)
STAA: Some example trainings

- XSEDE Information Security Training
- CTSC training materials, NSF Cybersecurity Summit
- Transit I and II
- Risk management workshops
- Géant DDOS workshop
- End user training / awareness sessions
- SANS
- ...
- Your training?
STAA: clarification of the goals

• We are not going to develop trainings
• We will work on encouraging the sharing and joint development of trainings:
  • Organise special topic trainings
• We will identify and recommend a good training practice
• We will identify good trainings based upon your experience

• Where should the focus be?
  • Special topics: DDOS mitigation, monitoring, log file analysis
  • End user training and awareness
  • Security management, security governance and compliance

STAA: clarification of the goals (2)

• We might:
  • Schedule special topic workshops and trainings (DDOS)
  • Negotiate terms and conditions for use of materials or for commercial trainings
• Trainings can be classroom trainings on location or remote
• Trainings can be self paced learning or computer assisted (mooc)
• Or just a book, a reader or a wiki
STAA: training target groups

- Management/governance
- Systems management, system administrators
- Network engineers
- User coordinators
- Users
- Software developers
- Acquisition

STAA: Training subjects

<table>
<thead>
<tr>
<th>Subject</th>
<th>Target group</th>
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</thead>
<tbody>
<tr>
<td>Laws &amp; Regulations (privacy, export)</td>
<td>Systems management, users</td>
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<tr>
<td>Secure Software development</td>
<td>User, user coordinator, contractor</td>
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<tr>
<td>System hardening</td>
<td>System admin, network engineering</td>
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<tr>
<td>Monitoring and logging</td>
<td>System admin, network engineering, response teams</td>
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<tr>
<td>Forensics</td>
<td>Response teams</td>
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<tr>
<td>Incident response and analysis</td>
<td>Response teams</td>
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</tbody>
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## Fill in the gaps

<table>
<thead>
<tr>
<th>Management</th>
<th>Sysadmin</th>
<th>Network engineer</th>
<th>User admin</th>
<th>user</th>
<th>Software Developers</th>
<th>CSIRT</th>
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</thead>
<tbody>
<tr>
<td>Law &amp; regulation</td>
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<td>Sec. SW dev.</td>
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## Participate in WISE

- Interested in any of the the working group subjects?
- Contact the workgroup chair and let’s work together
- Subscribe to the workgroup mailinglist on the WISE website
- Submit your training ideas to the inventory page or send an e-mail to the list or to alf.moens@surfnet.nl
- Details on the wiki page:
  - https://wiki.geant.org/display/WISE/STAA-WG
  - www.wise-community.org