<< TI >>
the Trusted Introducer

Status report & Report on accredited teams meeting = news flash

Don Stikvoort, TI
The TI provides the “trusted network” for CSIRTs in Europe

- Consider a cloud of N teams
- Classical case: N*(N-1) trust relations to be maintained
- TI case: N trust relations to be maintained

<table>
<thead>
<tr>
<th>N</th>
<th>N(N-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>20</td>
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<tr>
<td>10</td>
<td>90</td>
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<tr>
<td>20</td>
<td>380</td>
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<tr>
<td>50</td>
<td>2450</td>
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<tr>
<td>100</td>
<td>9900</td>
</tr>
<tr>
<td>200</td>
<td>39800</td>
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</tbody>
</table>
TI – the engine

- The trusted CSIRT database
  - Contains data on
    - “listed” teams – without warranty
    - “accredited” teams – pro-actively maintained
  - “listed” teams info is contact data
    - http://www.ti.terena.nl/teams/
    - “health warning” recently added
  - “accredited” teams info is extensive information including services, keys, representatives, and IRT object data
    - Available to accredited teams only
    - Maintained in 4-monthly cycle
- News flash → add a few fields to the dataset to allow one-stop-shopping for the accredited teams wrt the RIPE IRT-object (TI registers it automatically)
TI – the fuel

- **The accreditation process**
  - Formal process to go from “listed” status to “accredited” status
  - Takes 1-3 months typically
  - Requires:
    - Providing all data to be stored in the database
    - Having a well-defined CSIRT service and a constituency to serve, to fulfill the criteria
    - Being reachable for all accredited teams and preferably also for the wider community
    - Being prepared to actively maintain all data provided

- **News flash** ➔ group formed to
  - define “code of ethics/conduct” for accredited teams
  - either to be added to accreditation
  - or provided as a first item in “accreditation +”
  - Group will reflect on further steps towards ?certification?
TI – Statistics (i)

# CSIRTs in TI repository

- listed
- accreditation candidate
- accredited

# months after TI start
TI – the organisation

• The accredited teams fund the trust network as maintained by the TI by paying €720 per year
• TERENA acts as clearing-house and contracting party
• The TI service is subcontracted to S-CURE of The Netherlands
• The TI Review Board (chosen by the accredited teams) oversees TI operation and decides in special cases
• News flash ➔ accredited teams meetings will take place up to 3 times per year, plus special meetings can be called for
TI – services (i)

- Public website
  - limited info on listed and accredited teams
  - Totally revamped in May 2003
  - “Health warning” for listed teams added September 2003
  - News flash ➔ IRT-object related info and query-tool: to be added
  - PR-info: to be added

- This service is provided free of charge to the European CSIRT community by courtesy of the accredited teams
TI – services (ii)

• Restricted website, accredited teams only
  – Full team-info, PGP keyring, CSV file with contact data
  – Terminology revamped early 2003
  – News flash ➔ IRT-object links: to be added
  – News flash ➔ Globalsign Server Certificate to be added, using a unique domain name for the TI

• Mailinglists, accredited teams only
  – Ti-accr-teams : accredited teams only, general discussions, official TI and Review Board postings
  – TI-accr-sharing : trusted information sharing between accredited teams only
  – News flash ➔ refine the ti-accr-sharing use policy
TI – services (iii)

- PGP-key signing, accredited teams only
  - Formal signing of accredited team rep-keys and team-keys going on since meetings in Zagreb and Warsaw
  - Retro-signing completed
- **News flash ➔** new services being looked into
  - Special services for abuse teams?
  - Services building on eCSIRT.net infrastructure
TI – thank you for your trust!

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- Don Stikvoort, service manager

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