ENISA Secure Routing Survey

Some questions following our study results so far

Overall results

<1> perfect security doesn't exist

<2> the Internet routing is currently "secure enough" to give many people and organizations around the world the confidence to rely on the Internet, even for core practices

<3> action is needed to ensure that the routing remains "safe enough"

How big is the problem? And how do we keep the risk acceptable?

- 32% of respondents reported there had been routing related security incidents in their organisation. Of those:
    - Severe impact → 18%
    - Moderate impact → 30%
- Investing in secure routing is seen as:
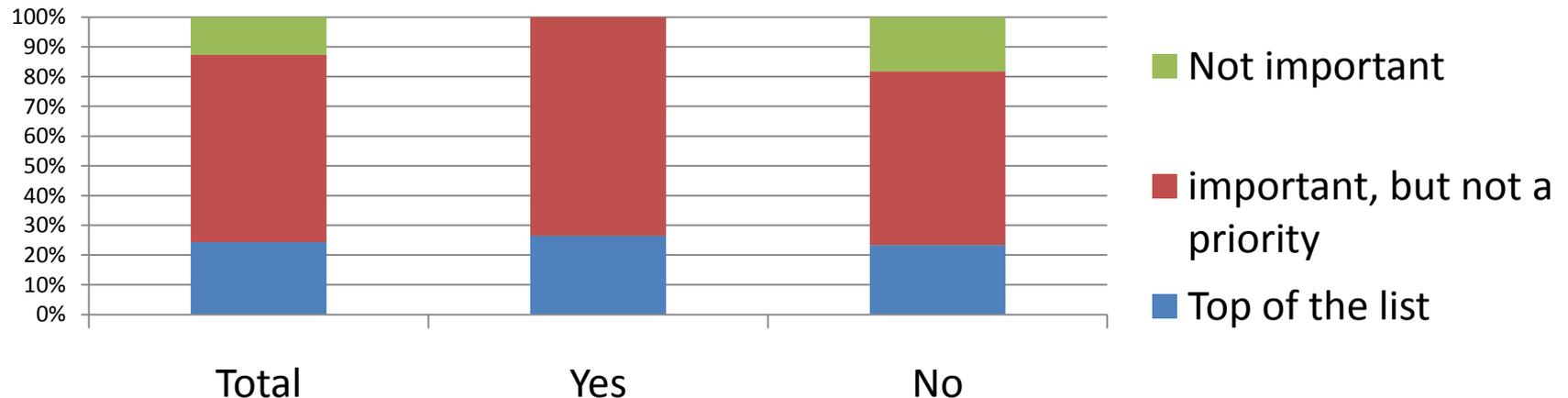
1 - Is secure routing a major problem, today?

Putting the numbers in perspective

2 – What needs to be done to improve the level of routing security, to prevent major problems in the near future

Call for action?

Survey on RPKI

- ## What are the main barriers to implementation?

  → 12% of respondents deployed PKI type approaches by March 2010

  → 22% of respondents deploying PKI approaches today quoted it as effective solution

- ## Awareness relatively low

  → 39% of respondents familiar with PKI type approaches

Thanks to all that participated !

For more information:

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Should, in your opinion, governments facilitate development and deployment by:

Legend: important · not important · potentially harmful · irrelevant · don't know

- Other
- Reconsidering legal restrictions to deployment of secure routing technologies (e.g. use of…
- Awareness raising
- Stimulating self-regulation towards routing security
- Legal requirements towards routing security
- Public R&D investments
- Incorporation of secure routing requirements in service tender specifications;

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

n = 63