

PMEs & Cybersecuritie: Perspectives de la politique et de la technologie

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- Why PME?
- Wrong Approaches
- Understanding threats
- Threat vectors and defenses
- Policy responses and a bit of good news

PMEs



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PMEs & Security

- Size
- Resources, skills
- There are a lot of them
- Relative age (or age of relatives)
- Organizational focus

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Wrong Approach



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Wrong Approach



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Starting Point



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Starting Point: Risk



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Understanding Threats



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Understanding Threats



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Understanding Threats



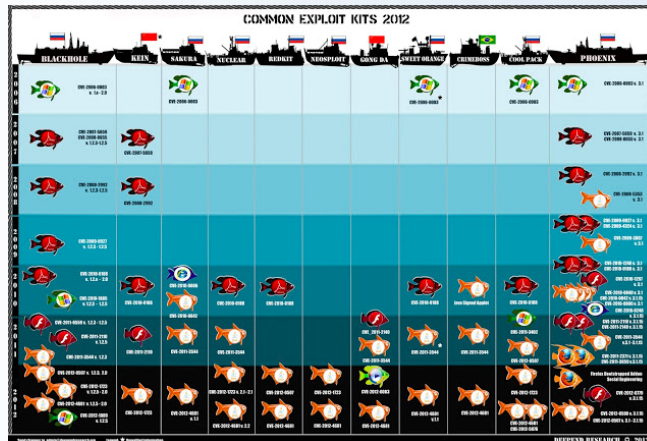
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Understanding Threats



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Attack vector



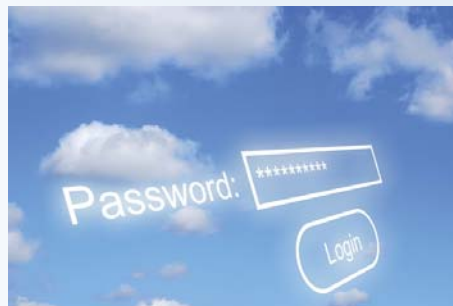
<http://www.deependresearch.org/2012/11/common-exploit-kits-2012-poster.html>

Low hanging fruits



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Attack vector



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Borders & Responsibilities



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Attack vector



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The PMI Advantage



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The PMI Advantage



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The PMI Advantage



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Information Sharing



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Policy Priorities



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Policy Priorities

- Promote security service industry
- Resources for PMEs
- Focus on specific threats, biggest low hanging fruits

Policy Priorities

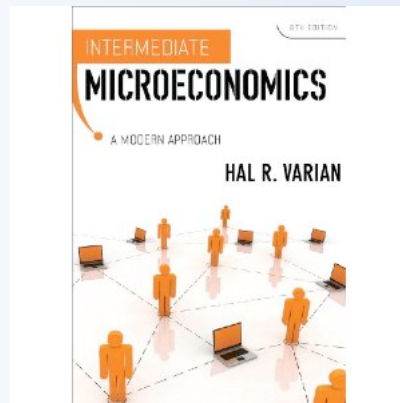


Merci!

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Economics



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Costs?



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Targeted vs. Untargeted Attacks



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Driving Private Behavior

Prescribed
process

Risk
Analysis

Deterrenc
e



Risk Evaluation

(in theory)



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Risk Evaluation

(in practice)



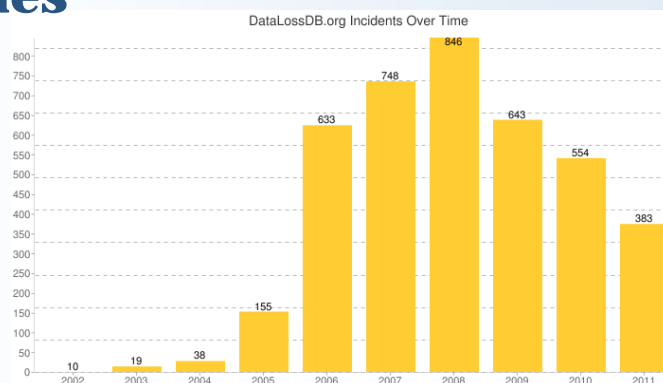
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Risk Evaluation (in practice) SOX (Sarbanes-Oxley)



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Data Breaches



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