

Netnod topical presentation

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Critical Internet Infrastructure Protection in the EU

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But first.....



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i.root-servers.net/AS8674

Europe	Asia	North America	South America	Africa
AMS-IX	DIX-IE	NOTA	PTTMETRO Porto Alegre	JINX
BNIX	Equinix Singapore	StartTAP		
CIXP	HKIX			
DE-CIX	IIX			
FICIX	MyIX			
JPIX	NIXI Mumbai			
LINX	PHOpenIX			
MIX	WAIX			
Netnod	WIX-NZ			
NIX	NAPNET			
RoNIX	NPIX			
SFINX				
VIX				

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and...

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Happening at Netnod

- Launch (finally) of route-servers at start of summer
- Launch of the *Netnod reach* partnership program
- Netnod meeting on October 6-7 - mail info@netnod.se to register!

So...

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CIIP

- EP₃R - European Public Private Partnership for Resilience
- CIIP Action Plan in its Communication on Critical information Infrastructure Protection – ‘Protecting Europe from large scale cyber-attacks and cyber-disruptions: enhancing preparedness, security and resilience’ - COM(2009) 149
- Related to EPCIP

CIIP

- The aim is to identify and protect critical infrastructure
- And telecommunications is identified as one CI
- Five areas : preparedness and prevention, detection and response, mitigation and recovery, international cooperation and criteria for European Critical Infrastructures in the field of ICT.

EP₃R

- Three areas (working groups)
 - **WG1:** Key assets, resources and functions for the continuous and secure provisioning of electronic communications across countries
 - **WG2:** Baseline requirements for the security and resilience of electronic communications
 - **WG3:** Coordination and cooperation needs and mechanisms to prepare for and respond to large-scale disruptions affecting electronic communications

ENISA

- Mandate extended to 13 March 2012
- Taks
 - Collecting appropriate information
 - Developing 'common methodologies'
 - Enhancing cooperation

ENISA

- Activities
 - Cyber Europe 2010
 - Resilience of the Internet Interconnection Ecosystem report
 - Routing security
 - Cyber Exercise
 - Incident investigation
 - Data collection of Network Performance Measurements
 - Research into resilience metrics
 - Incentives?
 - Transit Market failure
 - Traffic Prioritisation
 - Certification?

To Summarize

- A lot of on going efforts
- Somewhat unclear outcome
 - Good (and understandable) intentions
 - Regulation?
 - Who is paying?

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Thank You!



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