



NISHA – Network for Information Sharing and Alerting

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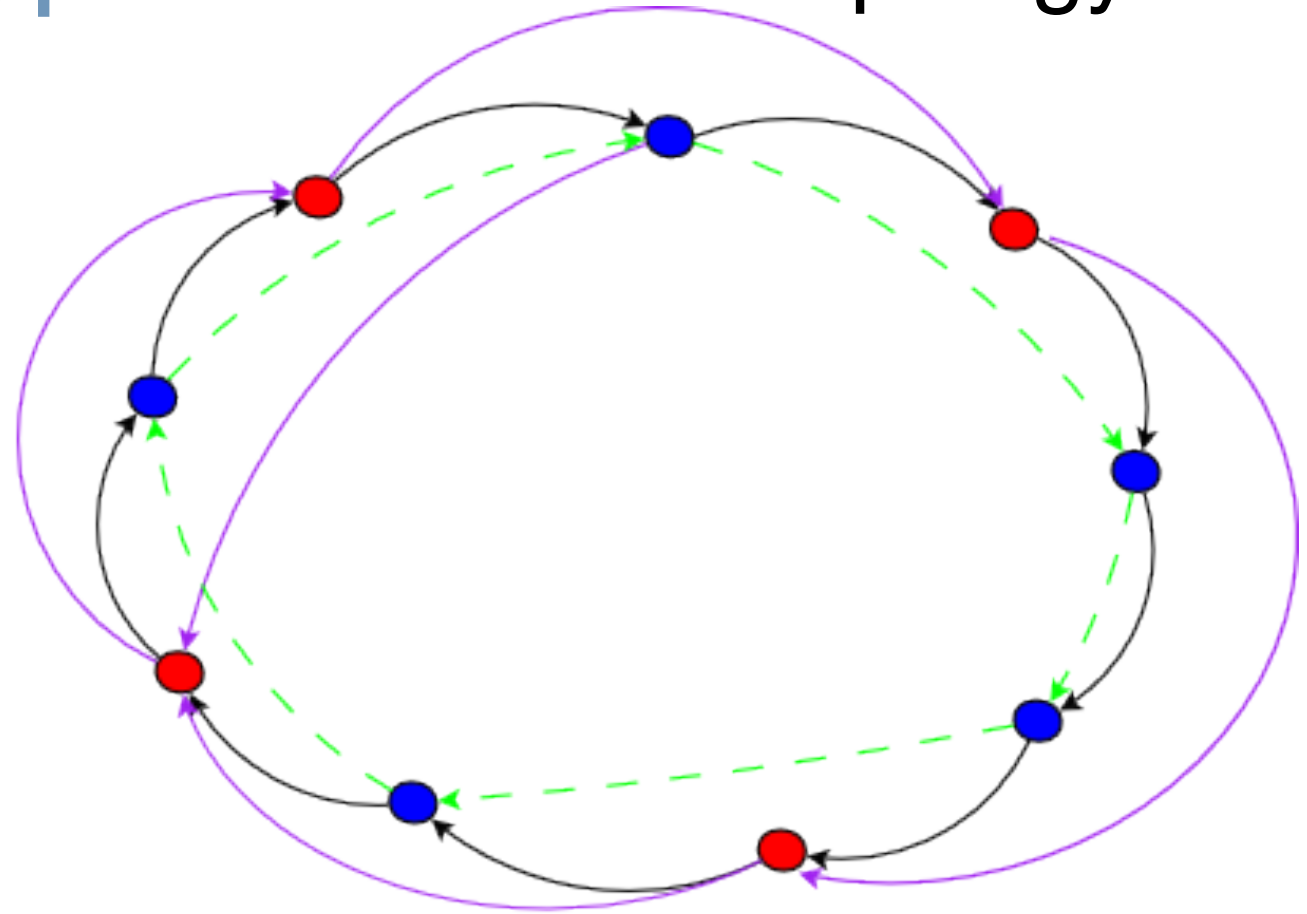
Why NISHA?

- We need outreach!
- World needs security news from reliable sources
- Nobody wants overlaps at work
- One ring (of nodes) to rule them all!

NISHA can be...

- a platform to make your research and alerts available to others, including media
 - vulnerability reports, advisories,
 - malware analysis,
 - trend analysis, etc.
- a digital library to search for valuable content created by others
- source for information for alerting and raising awareness in your constituency
- cooperative effort to produce, share and enrich quality information while reducing overlaps

NISHA network topology



LEGEND:



BASIC NODE



SUPER NODE



NETWORK INFO REPLICATION
NETWORK ALERTS REPLICATION (X)



ANNOUNCEMENTS



RESOURCES REPLICATION

Technologies used in prototype

- CouchDB – a document oriented database
 - focused on articles (CouchDB docs)
 - HTML/JSON
 - supports media of all types (as attachments)
 - replication of information between nodes, with fault tolerance mechanism
 - built-in revisioning
- Drupal – portal for users and administrators of the network
 - access controls
 - search interface
 - themes

Where are we?

- Heading towards a joint project of CERT Hungary, CERT.PT, CERT Polska and Univerisity of Gelsenkirchen (supported by EC)
- Pretty clear concept and a working prototype
- Legal aspects (eg. content licenses) researched
- Soon to host local workshops, to attract local attention

What we need?

- Information producers
- Information brokers
- Start snowball effect

- At least someone to take a look and test it in practice

Thank you!

If interested in NISHA, contact me or...

<http://nisha-network.eu/the-project>