EGI Incident Response Task Force

Leif Nixon

Coordinator, Incident Response Task Force

September 14, 2010



What has happened thus far?

• Lots of boring stuff



- Lots of boring stuff
- Incident handling procedure seven pages of preamble (abstract, copyright, executive summary); two pages of actual content



- Lots of boring stuff
- Incident handling procedure seven pages of preamble (abstract, copyright, executive summary); two pages of actual content
- Mailing lists; how many should there be, what should they be called, who should be on them, which issues should go where



- Lots of boring stuff
- Incident handling procedure seven pages of preamble (abstract, copyright, executive summary); two pages of actual content
- Mailing lists; how many should there be, what should they be called, who should be on them, which issues should go where
- Some interesting stuff; 3–4 incidents (depending on how you count)





What we do is important.



What we do is important.

Fundamental research is important. Scientic computing is important.



What we do is important.

Fundamental research is important. Scientic computing is important.

But there are people out there trying to interrupt it.



What we do is important.

Fundamental research is important. Scientic computing is important.

But there are people out there trying to interrupt it.

We're here to stop that.





There ain't no such thing as grid security.



There ain't no such thing as grid security.

From an operational standpoint, at least. A rooted system is a rooted system, no matter the entry vector.



There ain't no such thing as grid security.

From an operational standpoint, at least. A rooted system is a rooted system, no matter the entry vector.

We're not protecting the grid software – we're protecting the *infrastructure*.



There ain't no such thing as grid security.

From an operational standpoint, at least. A rooted system is a rooted system, no matter the entry vector.

We're not protecting the grid software – we're protecting the *infrastructure*.

For the infrastructure, a stolen ssh password can be as harmful as a stolen certificate – we can't limit ourselves to just the "pure" grid systems.



There ain't no such thing as grid security.

From an operational standpoint, at least. A rooted system is a rooted system, no matter the entry vector.

We're not protecting the grid software – we're protecting the *infrastructure*.

For the infrastructure, a stolen ssh password can be as harmful as a stolen certificate – we can't limit ourselves to just the "pure" grid systems.

We must apply a holistic view on security.



Statement #3

Type: Braggy

We're doing something new.



Statement #3

Type: Braggy

We're doing something new.

For natural reasons, classic non-grid CSIRTs are hierarchically organized.



Type: Braggy

We're doing something new.

For natural reasons, classic non-grid CSIRTs are hierarchically organized.

We, on the other hand, are a lateral organization.



Type: Braggy

We're doing something new.

For natural reasons, classic non-grid CSIRTs are hierarchically organized.

We, on the other hand, are a lateral organization.

We have different perspectives and complement each other.



Type: Braggy

We're doing something new.

For natural reasons, classic non-grid CSIRTs are hierarchically organized.

We, on the other hand, are a lateral organization.

We have different perspectives and complement each other.

Good cooperation with classic CSIRTs is critical.



Things we want to get better at:

• Communication – streamlined, secure, efficient channels.



Things we want to get better at:

- Communication streamlined, secure, efficient channels.
- Vulnerability assessment identifying and classifying security holes



Things we want to get better at:

- Communication streamlined, secure, efficient channels.
- Vulnerability assessment identifying and classifying security holes
- Following up on unpatched sites tools, policies, procedures

