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Scaling up incident response models to multi-grid security incidents

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Different computing grids may provide services to the same user community, and in addition, a grid resource provider may share its resources across different unrelated user communities.
Security incidents are therefore increasingly prone to propagate from one resource center to the another, either via the user community or via cooperating grid infrastructures.
As a result, related and connected computing grid infrastructures need to collaborate, define and follow compatible security procedures, exchange information and provide a coordinated response to security incidents. However, a large number of security teams may be involved and may need to share information, which not only is difficult to manage, but also increases the likelihood of information leak.
Therefore it is essential to design and implement a carefully structured, tiered, communication model to produce an appropriate information flow during security incidents. This presentation exposes necessary changes to the current model, as well as key challenges to achieve a better coordinated response to security incidents affecting grid infrastructures.

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