Managing and Preventing Security Incidents in a Production Grid Infrastructure

Romain WARTEL

CERN, CH

LHC data taking has now started, increasing the need for a very stable and secure grid infrastructure. The resulting media and general public interest is another new parameter the security teams have to deal with. It highlights once again the need for trust, close collaboration and clear communication between the involved participants. These aspects have significantly been worked on in the recent months. This has especially enabled the reinforcement of international collaboration in the academic community, for example through GRID-SEC (http://cern.ch/grid-sec). It has also helped improving security procedures thanks to comprehensive security drills at the sites. Finally, it has increased site security, primarily towards prompt security patching deployment, which has made it a monitored and enforced requirement to be part of the production infrastructure.