Durham Shared Fail2Ban

“An experiment that could lock us out of everything!”

Presented by Paul Clark

2nd May 2018

Durham University

IP3

ScotGrid
Scottish Grid Service

GridPP
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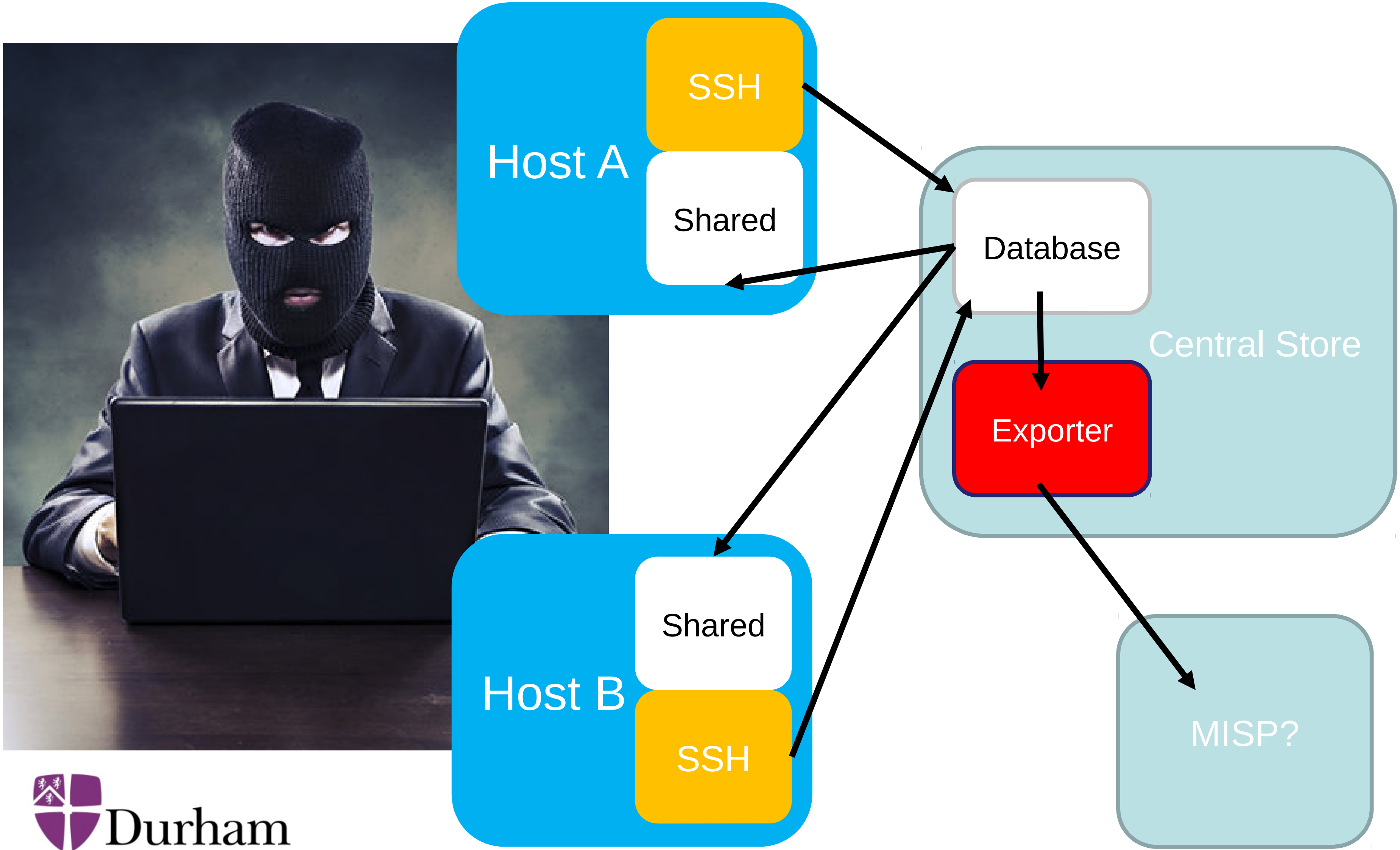
View of Durham Cathedral from Owengate

Jail Flow


Host A
SSH
Shared
Database
Central Store
Exporter
Host B
Shared
SSH
MISP?

More Time for the Crime

- SSH Jail
  - 5 or 6 attempts
  - 15 minute ban time
  - Instant* share and ban site-wide

- Long Term
  - 8? SSH Bans over the site
  - 5 day ban

- Can analyse for more strict bans
- Integrate with HoneyPots?

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Shared Threats

- Stored in database
- Can share to local IT
- Can share into MISP

- Etc etc

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Demo Time

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