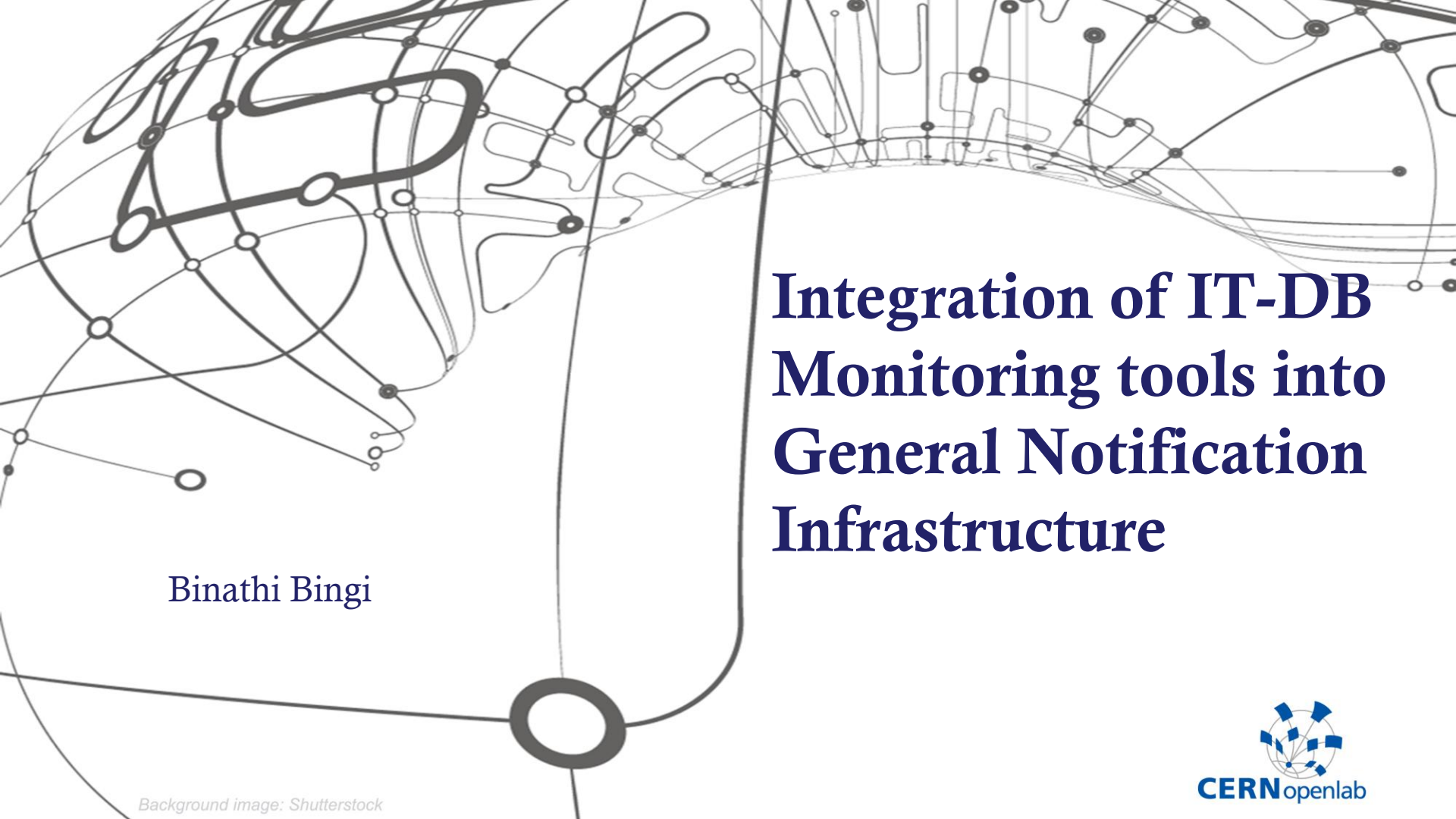

Integration of IT-DB Monitoring tools into General Notification Infrastructure

Binathi Bingi

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IT Monitoring

- Provide monitoring solutions in different areas
  - Notifications
  - Archive
  - Dashboards
- Continuously monitor and deliver the monitoring results
- Execute complex queries across monitoring data
- Unnecessary duplication of effort
- Difficulties in sharing monitoring data

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What we intend to achieve

- In IT-DB, independent monitoring tools/data:
  - OEM, RACMon, Syscontrol, Backup & Recovery, Storage, etc.
- Consolidation of IT-DB monitoring tools/functionality
  - One single mechanism to generate notifications and alarms
- Standardise procedures for service notification and alarming
  - One single interface (Kibana) to visualize notifications
  - Stop email notifications as much as possible
  - Automate opening SNOW tickets and sending SMSs

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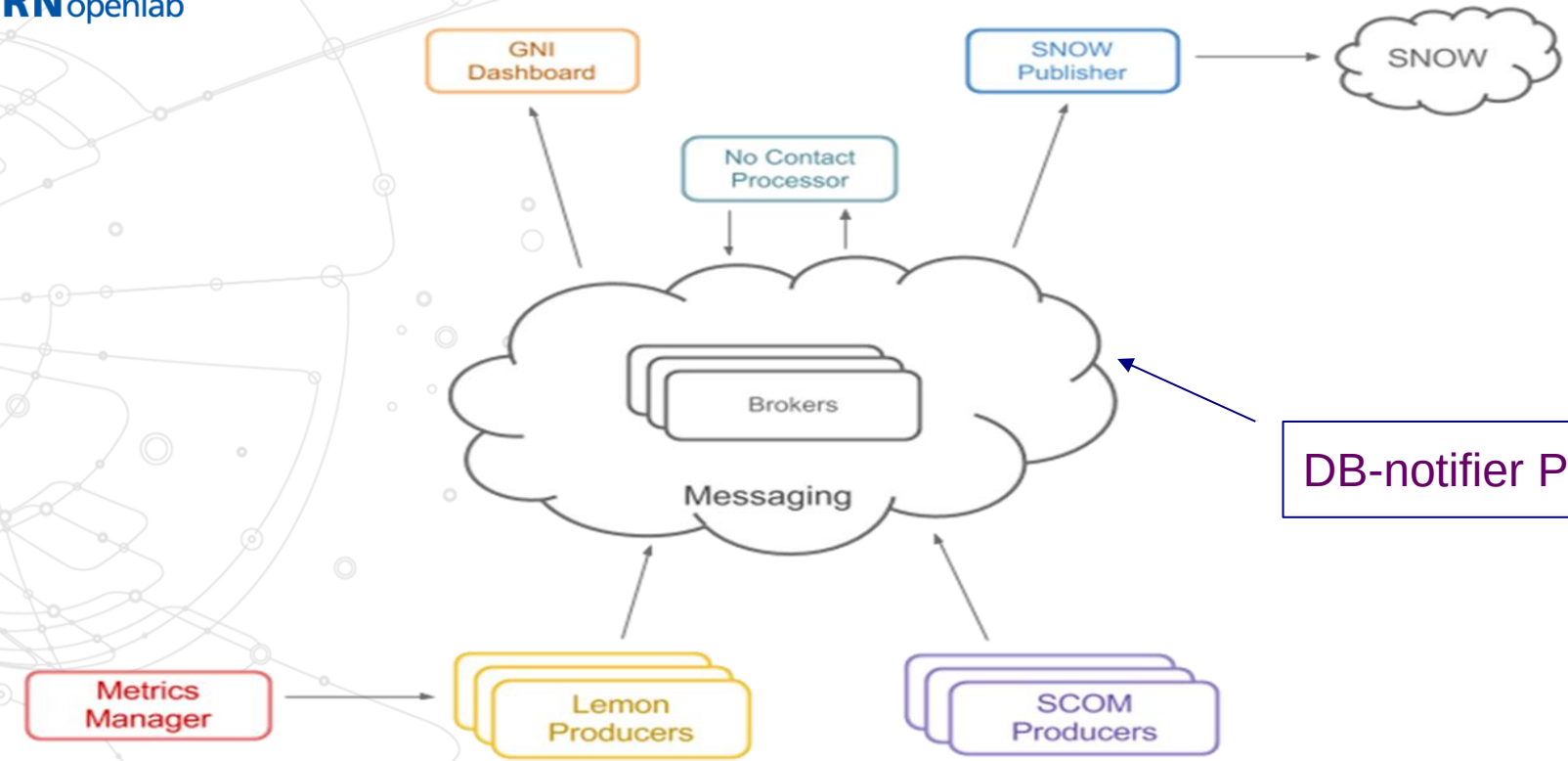
GNI Architecture



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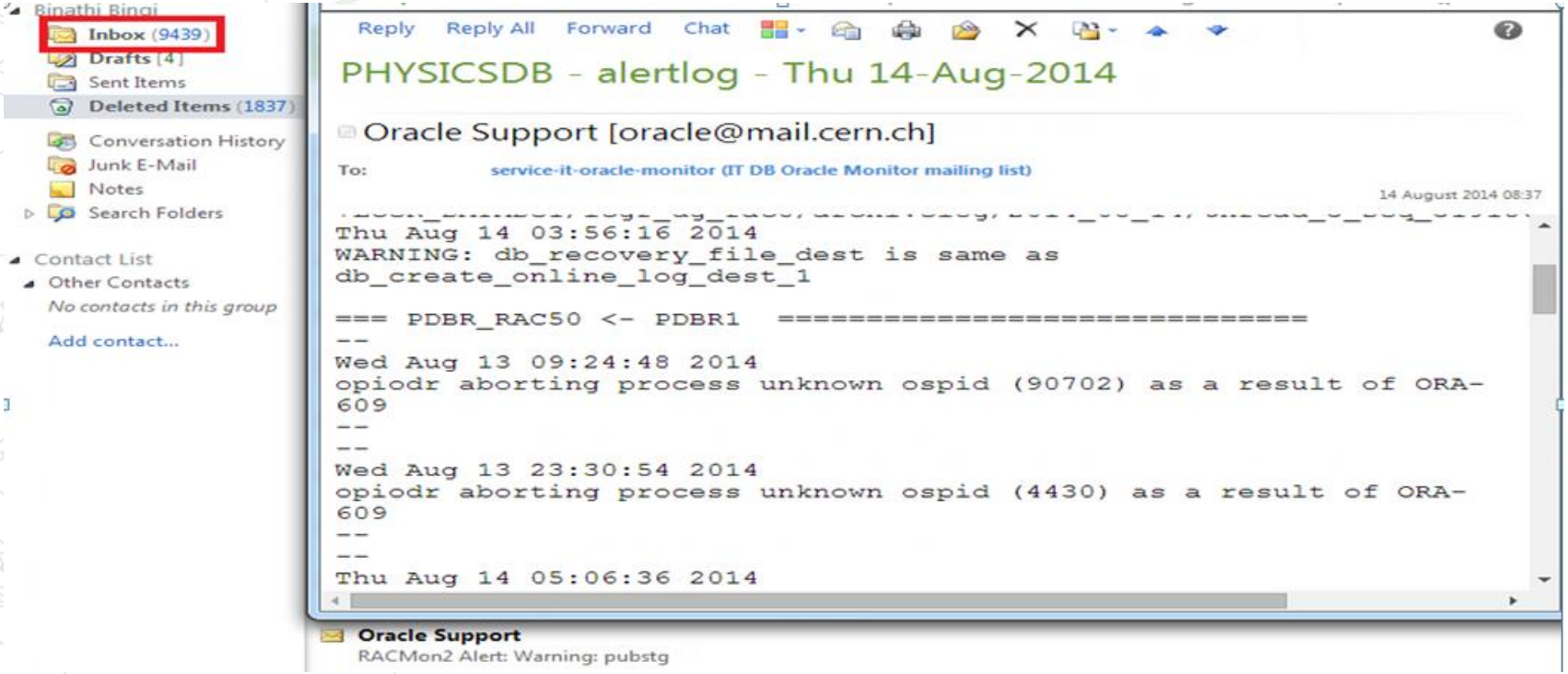
Previous Notification System



Last November around 6638 emails…221 emails per day..

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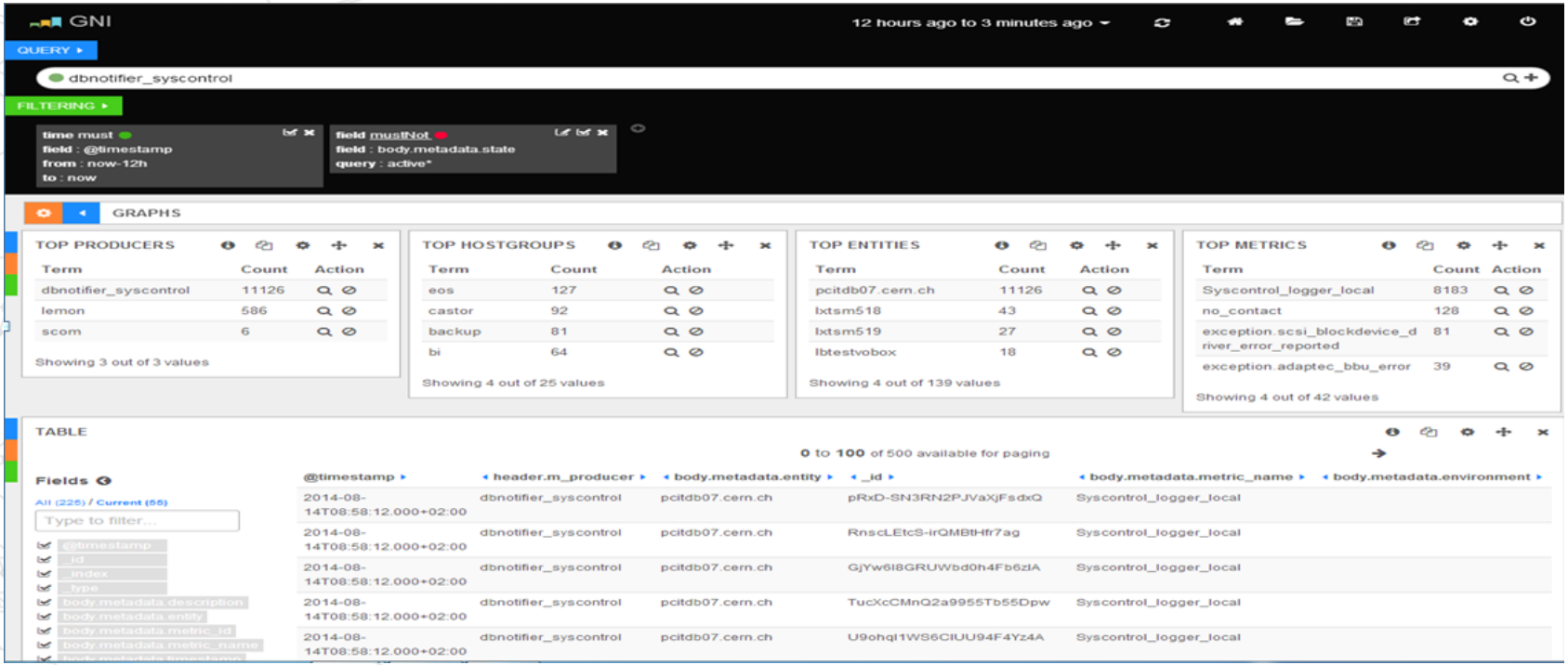
GNI Dashboards



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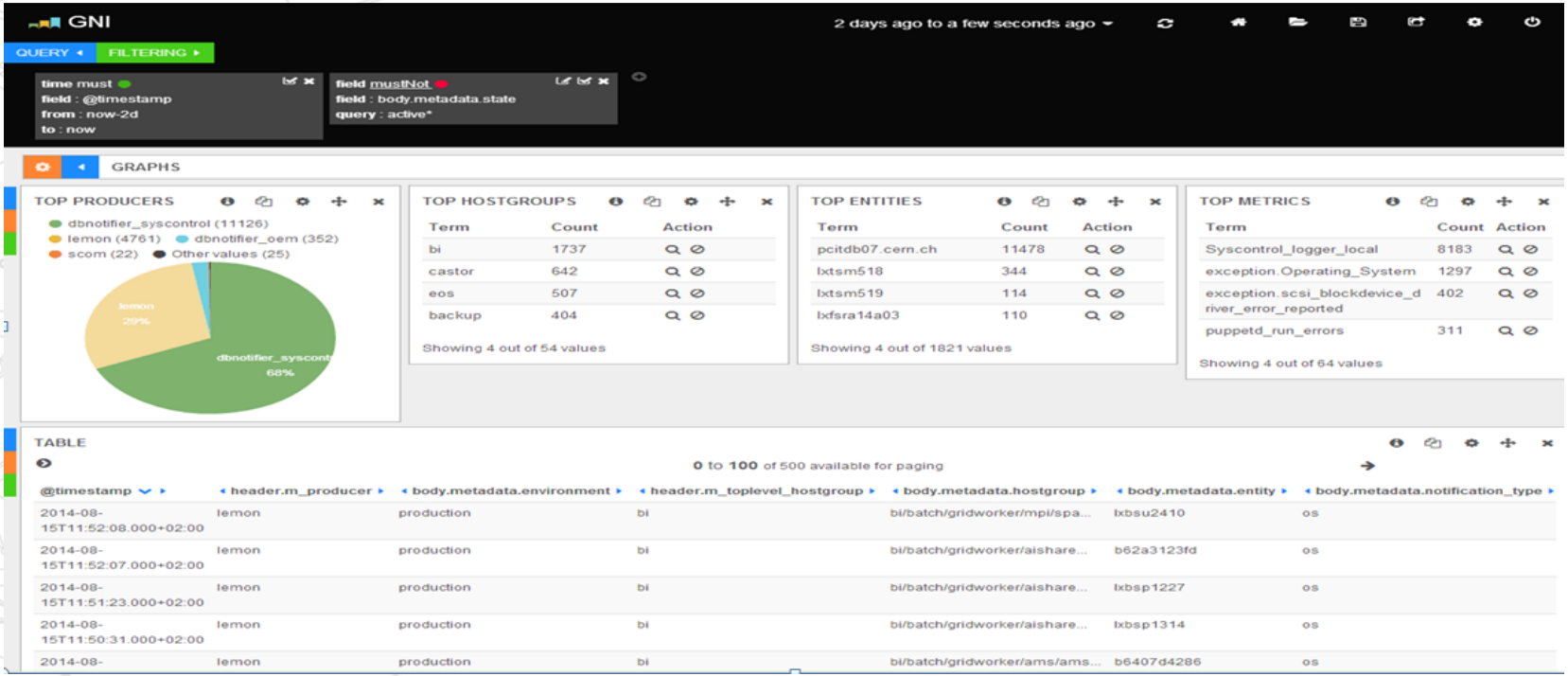
GNI Dashboards



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Impact

- Single IT-DB producer to generate notifications for our monitoring data
- Single location to visualize and query monitoring data
- Easy to configure and display what interests the user
- Stop global email notifications
- Automatic SNOW ticket generation

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Future Steps

- Put GNI Producer in our production monitoring machines (db-manager, oem.cern.ch, etc.) when in SL6
- Identify which messages should generate SNOW tickets and put that in production
- Add more IT-DB monitoring tools into GNI

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Thank you

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