Integration of IT-DB Monitoring tools into General Notification Infrastructure

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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
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
GNI Architecture

DB-notifier Producer
Previous Notification System

Last November around 6638 emails...221 emails per day..
GNI Dashboards
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
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
Thank you

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