MySQL Graphing and Trending with Cacti

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About Me

- Director of Consulting at Percona
- Lead author of High Performance MySQL, 2nd Edition
- Creator of innotop, Maatkit, and Better Cacti Templates
Best Practices for Ops and DBAs

• Backups
• Monitoring and Alerting
• Historical Metrics, Graphing, Trending
• See http://www.xaprb.com/blog/essential-books for books that I suggest
Why Graphing and Metrics?

- Troubleshooting
- Verification of other data
- Finding anomalies
- Capacity planning
Why Cacti?

• Easy, Convenient
• Good enough
• Templates
• Why not?
  – Not great for thousands of machines
  – Can't query RRDtool ad-hoc
  – Can't keep data at fine granularity forever
Cacti Templates

- Purpose of templates
- Data Source, Graph, Host templates
- Pain points
Installing Cacti and Templates

- Install Cacti
- Install Data-Gathering Script
- Import Templates
- Create “Devices”
- Apply Host Template
- Create Graphs