

Scaling Monitoring

A discussion starter

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Outline

- 1 Introduction
- 2 Generations of monitoring systems
- 3 Other sources of pain
- 4 Discussion

Administrivia

- About the speaker
 - ▶ Ran Naos Ltd for 10 years
 - ▶ A Wellington based Linux/Unix, Networking and VoIP consultancy
 - ▶ Now working full time at Araneo Wireless
- Questions Policy
 - ▶ Questions and discussion strongly encouraged
 - ▶ Please ask questions throughout the presentation
- Slides: <http://www.naos.co.nz/talks/scaling-monitoring/>

Systems/Network monitoring

- Monitor host and critical services alive (eg, Nagios)
- Alerts when they're not (eg, SMS, email)
- Collect and graph performance statistics (eg, Cricket)
 - ▶ Values from SNMP, syslog, collection scripts
- Monitor quality of network connections (eg, Smokeping)

Generation 1

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 - ▶ Also helps eliminate latency
- Each remote box submits results to central box
- Configuration needs to stay in sync
 - ▶ Generate configuration from central database
 - ▶ Puppet, cfengine, random shell scripts to push out

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- Many of these tools generate output on fly
- Resource intensive as scale up
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 - ▶ Submission tools
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Discussion

- What is your site doing for monitoring?
 - Will it scale?
 - What would you like to be doing?
-
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