

Things I Hate About The Cloud (and no images!)

Intro

- Me:
 - Andy Edmonds
 - Intel Open Innovation Lab, Intel Labs Europe
 - Work in internal and external projects, mainly
 - Work on standards bodies
 - Now and again help organise CloudCamps

My Bugbears...

- One:
 - No implicit dependability
 - Clever cloudies like you adapt to this
 - Others feel the pain
 - Result a “trust issue”
- Two:
 - Lack of standards (open a can of worms!)
 - Interoperability
 - Portability
 - No Lock-in please (data formats as ever a biggie)

Problems

Problems...

Problems...

Problems...

No point in moaning if you ain't gonna do something!

Trust



- Automated Multi-level SLAs
 - Specify your multi-level service requirements
 - Express as a machine readable SLA
 - Provision, Verify and be notified
- Enter SLA@SOI
- Big European research project (€15M, 12 partners; Intel, SAP, Telefonica etc)
- It's what I do most of my days

Standards



- OCCI
 - Open Cloud Computing Interface
 - A REST based interface to Infrastructural Services
 - **3 Implementation!**
- Membership:
 - **Over 200 members** subscribed to mailing list including:
 - **Industry:** Rackspace, Sun, GoGrid, Cisco, Flexiscale, ElasticHosts, CloudCentral
 - **Academia:** University of Madrid, SLA@SOI, Reservoir,
 - **Service Providers:** RabbitMQ, CohesiveFT

Thanks & Check Us Out!

- SLA@SOI
 - <http://www.sla-at-soi.eu>
 - @slasoi

- OCCi
 - <http://www.occi-wg.org>
 - #OCCI @dizz @monadic @befreax



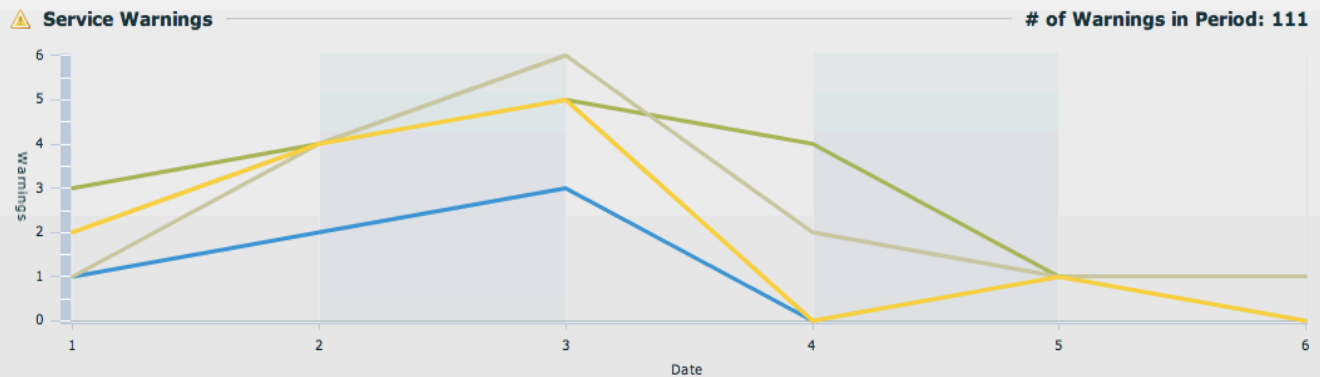
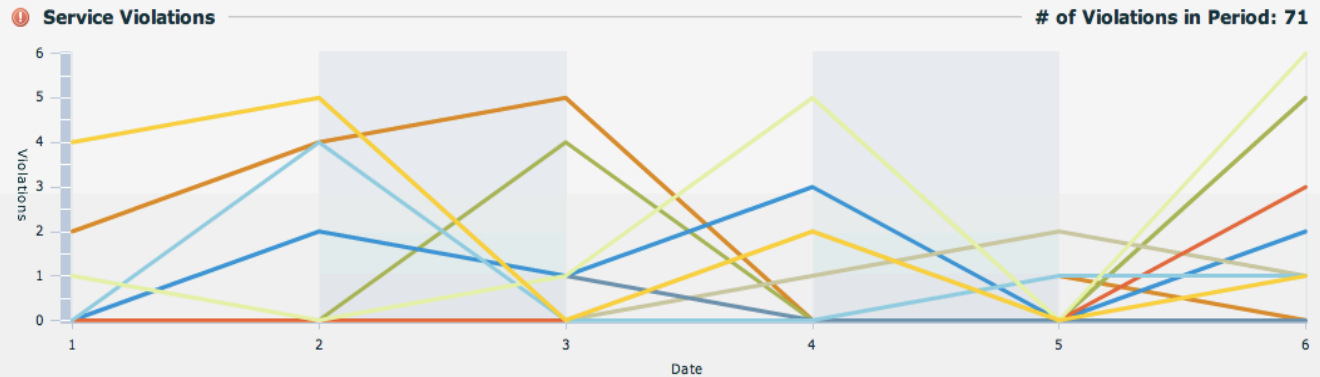
Enterprise IT SLA'ed Services

All Services

New Service

Status	Service	SLA
✓	Service A	Gold
⚠	Service B	Bronze
⚠	Service C	Silver
✓	Service D	Gold
⚠	Service E	Silver
✓	Service F	Silver
⚠	Service G	Bronze
✓	Service H	Bronze
✓	Service I	Gold

Data From: To:



A View of OCCI

