Monitoring the Cloud

Alon.BenShoshan@Correlsense.com

(208) 585-8265
No Clouds on Your Horizon?

THIS PRESENTATION IS STILL FOR YOU
What is in Common Between...

Virtualization

...With Relation to Monitoring

Public

Private

SOA

Agile
Public
Private

Virtualization

CHANGE
IT'S A SHORT TRIP FROM RIDING THE WAVES OF CHANGE TO BEING TORN APART BY THE JAWS OF DEFEAT.

Agile

SOA
With all of these Moving Pieces...

**WHAT DOES NOT CHANGE?**
1. **Business Transactions**

2. **User’s Expectation of Performance**
OK – So – Who Cares???

WELL – BY KEEPING TRANSACTIONS AND USERS AS YOUR ANCHOR...

...Monitoring the rest becomes easier
So how does that translate in a practical technical manner?

LETS TAKE A LOOK...
Step 1 - Track

- Monitor Every Hop
- Maintain the User/Business Context

Piece of Cake...
What's Taking so long?
lets Take a look at a live Tool
Step II - Model

Maintain a Real Time Transaction Behavior Model

let's see it live...
Step III – Compare
A.K.A – What the %#$%@ has Changed!?!?
With these Transaction Monitoring Capabilities

WE NOW HAVE ANSWERS
How can I assure and prove that the migration did not impact end-users?
We Deployed a Patch for a shared service – how did it impact each application? Each business service?
Resource allocation changes (CPU) – Did it help? Did it do any harm?
5% of my transactions are failing. All average response times are ok. How do I find the problem?
VM moved from X to Y – did that impact my performance? Or was it something else?
ANY SUFFICIENTLY ADVANCED TECHNOLOGY IS INDISTINGUISHABLE FROM MAGIC.

Arthur C. Clarke