

8/1/2009 4:09 PM: Reflecting on CSA Federal Security Symposium

In an orgy of [thought leadership](http://cloudsecurityalliance.org/csa-mitre.html) (<http://cloudsecurityalliance.org/csa-mitre.html>), I am on two panels, Interoperability and Portability Panel and the Encryption and Key Management Panel.

My questions in ...

----- Original Message -----

From: [David Sherr](#)

To: [Ron Knode](#) ; [John Willis](#) ; [Daniel Burton](#) ; [George Reese](#)

Cc: [David Sherr](#) ; jreavis@cloudsecurityalliance.org

Sent: Saturday, August 01, 2009 11:35 AM

Subject: Re: CSA Federal Cloud Security Symposium Panel Information

Framing the questions.

1) The Business Case == Lower Cost Structure

Security is a non-discretionary spend, so it would seem. But there is overdoing it. We need nook and cranny security for all the special use cases, as my friend at ASPECT-i is fond of saying, as well as, overarching system trust and privacy.

Interoperability and Portability = Lower TCO. In commodity computing environments, while "Revenue," not "Cost," is a strange concept to government computing, what is the impact of extra encryption calculation cycles? Say like Triple DES--more encryption security = more energy consumption--on the Energy Efficiency Formula for Data Centers (and hackers alike!).

EEFDC == Joules In, Revenue Out.

Under current Administration discussions, perhaps NASA should become a Public Utility (in this case, Revenue = Intra-Agency Budget Transfer for Services, and all the politics that confers) for all non-military government computing (and horizontal services as well of that as well--like EMR for VA Medical Records Processing combined with Medicare and any future Public Option, HIPAA HOORAY, lots of data obfuscation and cloaking).

Then we can measure the efficiency of the NASA provided services as we would any business like, well, a Public Utility:

Efficiency Improvement == $\Delta(\{+Revenue, 0Cost\}, \{0Revenue, -Cost\})$

In the Public Utility case, "Profit" should exactly fund (this is "at the money") the cost of capital, like the 3-Year Note for applications or 10-Year Bond for Infrastructure. In other words, Public Debt is constructed as Real Capital Allocation for, gasp, Program and Infrastructure. Running Govt like an efficient business. It's a case of "Do as I do, not as I say," as far as modeling behavior.

2) Interoperability now means, under the above scenario, each Agency being its own front-end vertical cloud, but using NASA and other Agency Departments (Federation model) as Back End Clouds, with OMB as the single "Corporate" Enterprise Cloud. m Front End Clouds, n Back End ("Product/Service") Cloud and 1 Enterprise Cloud. What are the Legacy Wrapping issues??

3) Portability means having a common stack amongst all the Agencies so that service components can be shared easily, like Java or C# classes. What about all that Cobol and BAL

code still in production? Is Identity Portable? Who is the Key Master? (Who ya gonna call? Hack Busters!)

I can discourse on these forever.

Hope this helps.

See you Wed, Aug 5.

Cheers,
David

----- Original Message -----

From: [George Reese](#)

To: [David Sherr](#) ; [Daniel Burton](#) ; [John Willis](#) ; [Ron Knode](#)

Sent: Saturday, August 01, 2009 8:05 AM

Subject: Fwd: CSA Federal Cloud Security Symposium Panel Information

We have our slot on the schedule, and a bit more time for the panel as well.

Please let me know if you have any questions!

-George

Début du message réexpédié :

De : Jim Reavis <jreavis@cloudsecurityalliance.org>
Date : August 1, 2009 9:39:23 AM CDT
À : George Reese <george.reese@enstratus.com>
Objet : CSA Federal Cloud Security Symposium Panel Information

George,

Information about your panel is below. My cell is 360.820.2545 if you need to contact me on site or prior to next Wednesday.

Title: Private/Public Cloud interoperability and Application portability

Date/Time: August 5th, 4:30-6:00pm

Location:
MITRE-1 Building
7525 Colshire Drive
McLean, VA 22102-7539

Full conference info: <http://cloudsecurityalliance.org/csa-mitre.html>

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Jim Reavis
Co-founder, Cloud Security Alliance
jreavis@cloudsecurityalliance.org

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George Reese, Chief Technology Officer, enStratus Networks LLC
e: george.reese@enstratus.com p: +1.207.956.0217 f: +1.612.338.5041 t: @GeorgeReese
enStratus - Confidence in the Cloud - <http://www.enstratus.com>