

Track: Enabling Cloud Computing within the Federal Government

Date and Time: March 11, 2009, 1:00 PM to 4:00 PM

Location: Washington Convention Center, Room 202B

Speaker: Bob Lozano, Appistry

Proposed Session Title: Cloud Application Platforms – Reality & Promise

Session Abstract:

While there is broad consensus on the shape of a cloud stack – infrastructure, platform, and application layers - there are many ideas on what belongs in each layer, or even *where* each layer belongs.

This session will focus on the cloud application platform (CAP) – what it is, how it interacts with the infrastructure on which it sits, and what it provides for applications that sit on top. Popular examples will be considered and compared against the ideal. From these examples we will distill the essential elements of a Cloud Application Platform and then finish by considering some likely developments over the next six to 24 months.

While the session will particularly consider the Cloud Application Platform from a government perspective, it will be in the context of the industry as a whole.

What attendees will learn:

What a cloud application platform is, where it belongs, what value it brings, and what to expect as CAPs evolve.

Speaker: Tim May, Apptis

Proposed Session Title: Practical Implementations of Cloud Computing within the Federal Market

Session Abstract:

The adoption of Cloud Computing within the Federal Government market is in its infancy. Like most emerging technologies, there are hurdles and obstacles that must be addressed and overcome.

With the continued pressure on budgets and the drive for the government to deliver on its missions and mandates, the timing presents itself for government to consider alternative approaches to achieving their objectives with greater efficiencies.

This session will explore several scenarios that could be candidates for the Federal Government to consider and potentially take advantage of Cloud Computing.

What attendees will learn:

Areas of opportunity and business scenarios within the federal government will be presented which can utilize Cloud Computing to address specific business needs.

Speaker: Kevin Jackson, DataLine

Session Title: "Cloudbursting" for Operational and Tactical Employment

Session Abstract:

While cloud computing has proven to reduce cost and improve efficiency, these new technologies have also opened the window to new ways of using IT resources. Automated resource deployment, monitoring and management technologies have given rise to the cloudburst as an effective infrastructure option. The technology can also be used to for ad-hoc computing infrastructures. This presentation will review operational and tactical benefits of “cloudbursting”.

What attendees will learn:

Value of “cloudbursting” in the deployment of ad-hoc computing networks and platforms.

Speaker: Rickie Fleming, HP Consulting, Cloud Practice Lead

Session Title: Cloud infrastructure and Cloud Services

Session Abstract:

Gain new perspective on cloud infrastructure and services as we look at the present and future of “cloud” from consumer and provider perspectives. We’ll also look at DISA’s Rapid Access Computing Environment to illustrate a real use case in federal government today.

What attendees will learn:

How “Cloud” terminology pertains to infrastructure and application services. Cloud services’ place in IT transformation. How cloud infrastructures and applications are evolving. Insight into DISA’s cloud infrastructure platform.

Concluding Panel Discussion:

Host Dave Nielsen, Co-founder of CloudCamp

In addition to prepared questions such as “What areas of the Federal government are most likely to take advantage of Cloud Computing?” and “Beyond cost savings, what are the main benefits of Cloud Computing for the Federal government?”, Dave will engage the audience with an interactive Q&A session. So bring your questions!