Friday, May 31	
9:00-9:45 am	*Keynote Address* **VM Sprawl, Cloning, and Variable Costs, Oh My!: 10 Public Cloud Gotchas My Mom Didn't Warn Me About** The public cloud is great, right? It's scalable, affordable – what's not to love? Well, the bad news is there are security challenges you never even thought of. The good news is that they're manageable. In this session, Chris Brenton, author of the popular SANS Cloud Security blog, unveils the "gotchas" hiding in the public cloud, from exposed admin ports to servers that initialize unpatched to tricky loopholes in the SLA, and provides actionable tips for addressing them. **Chris Brenton, Faculty Fellow, SANS Institute**
9:45-10:30 am	*Keynote Address* *Title and Description to Come* **Christofer Hoff, Chief Security Architect, Juniper Networks**
10:30-11:15 am	**Networking Break**
11:15 am-Noon	*Case Study* **Building YOURcloud: The U.S. Government's First Secure Hybrid Community Cloud** Organizations are faced with dwindling IT budgets and pressure to deliver more with less. Evolving today's data center to meet these challenges is required to deliver new capabilities to our increasingly mobile workforce. By embracing technologies such as virtualization and cloud computing, IT can realize increased compute capacity, reduce its' footprint and enhance its' Green IT posture all within an existing budgetary envelope. Cloud Computing's promise to change these economics and increase the agility of corporate IT require the assurance that the same level of security is employed as their existing physical counterparts. Based off of the award winning innovations in Los Alamos National Laboratory's Infrastructure on Demand (IoD) cloud platform launched three years ago, attendees will hear how the Department of Energy's National Nuclear Security Administration has employed these capabilities in collaboration with industry and government to deliver YOURcloud, the U.S. Government's first Secure Hybrid Community Cloud. YOURcloud powered by IoD v3.0, allows users complete autonomy to automatically deploy and manage their own workloads within a secure YOURcloud enclave yet leverage a common compute platform whether on premise or in a commercial cloud service provider. Come take a walk with us as we show you how Infrastructure on Demand evolved from a secure private cloud three years ago into the U.S. Government's first secure hybrid community cloud: YOURcloud. **Presenters:** **Anil Karmel, Los Alamos National Laboratory** **Chris McFearin, Cybersecurity Specialist, NNSA**
Noon-1:15 pm	**Lunch**
1:15-2:00 pm	*Talk* **Facilitating Fluffy Forensics (a.k.a. Considerations for Cloud Forensics)** Cloud computing enables the rapid deployment of servers and applications, dynamic scalability of system resources, and helps businesses get products to market faster than ever before. Most organizations are aware of the benefits of

	adopting cloud architectures and many are becoming aware of the potential security risks. The majority of organizations, however, don't realize the numerous challenges of conducting incident response (IR) activities and forensic investigations across public, private, and hybrid cloud environments. It's not all doom and gloom, however. The consumption model of cloud architectures actually lends itself to helping investigators conduct forensic and IR exercises faster and more efficiently than on a single workstation. For this to happen, however, the tools and techniques employed must evolve. In this session, Hay will address the forensic and IR challenges of investigating servers and applications in cloud environments in addition to the opportunities that cloud presents to help expedite forensic investigations. Topics that will be discussed include: *Traditional forensics and IR *Cloud architectural challenges for responders *Chain-of-custody and legal issues across architectures and regions *How existing forensics/IR tools can help - and what they can do better *Advantages of conducting forensics/IR in cloud environments **Andrew Hay, Chief Evangelist, CloudPassage**
2:00-2:45 pm	*Case Study* **Going All In: In the Cloud Without an Umbrella** RackSpace is a fully PCI-compliant merchant in a public cloud environment. They haven't one single server in the organization; their business is entirely SaaS-based, with over 100 different providers. How do they do it, and what can you learn from their experience about being PCI-compliant in a public cloud? **Phil Cox, Director of Security & Compliance, RightScale**
2:45-3:15 pm	**Networking Break**
3:15-4:15 pm	**Solutions Sessions : Using the Cloud to Deliver Security**
4:15-5:00 pm	*Session to be announced*