

1:30 – 3:00pm Session 6: Cloud Issues

Moderator – S. Turnbull (GSA)

- Developers do not have good guidelines to develop applications
- Security Issues
- Resources Issues – limit of cloud resources
- Process around clouds – share responsibilities across the controls (FISMA, ...)
- Incident Response – integration working together
- Technical issues are solvable, Service Level Agreements
 - Legal Council
 - Budget Support
 - Renewals / Procurement
- Open source
- Security Low, Moderate → Aggregation of data
 - Threats in the cloud
- Issues around bandwidth
- Security – virtual machines..
 - Understanding – memory space, share memory space
 - Share environments – risks, vulnerabilities
- Compliance & C&A
 - Defining system boundaries (physical)
 - Data replication
 - Metrics
 - C&A Process
- Compatibility – API Changes
- What if you Cloud Services Providers reaches their limits and sub-contract to other service provider
- www.fedramp.gov (e-Global tools)
 - Concerns --- one size fits all...

- How to develop security policies
- Automation Tools for C&A
- Data Stewardship – how to get the data , archiving
- Supply Chain: Where the hardware is coming from Hard drives, etc...
 - You can only buy your motherboards from this vendor
- eDiscovery Privacy Issues

- Quality of Assessment – C&A
 - Real Assessment
- Counter-intelligence
- Multi-tenancy

GROUPS – information to the NIS process

- Group Compliance (Security Controls) and Continue Monitoring (what threats they are mitigating)
 - Reports on Security Controls
 - Need constant feeds
 - Audit Group –
 - Tool used – augmented governance
 - Establish Methodology – reporting automated
 - Assessment Results –
 - SAS70
 - FISMA
 - Transparency – Fedramp
 - Guidelines:
 - NIST – 330
 - DOD - Medium
 - DHS – Higher
 - Help on decisions to access risks..
- Group Security – PKI
 - Identity Management
- Group – Security Policy
- Group - Threat Actors / Scenarios / Approaches