Dell Cloud for US Government (DCG)

Cloud Architecture

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Enterprise strength makes a Cloud functional

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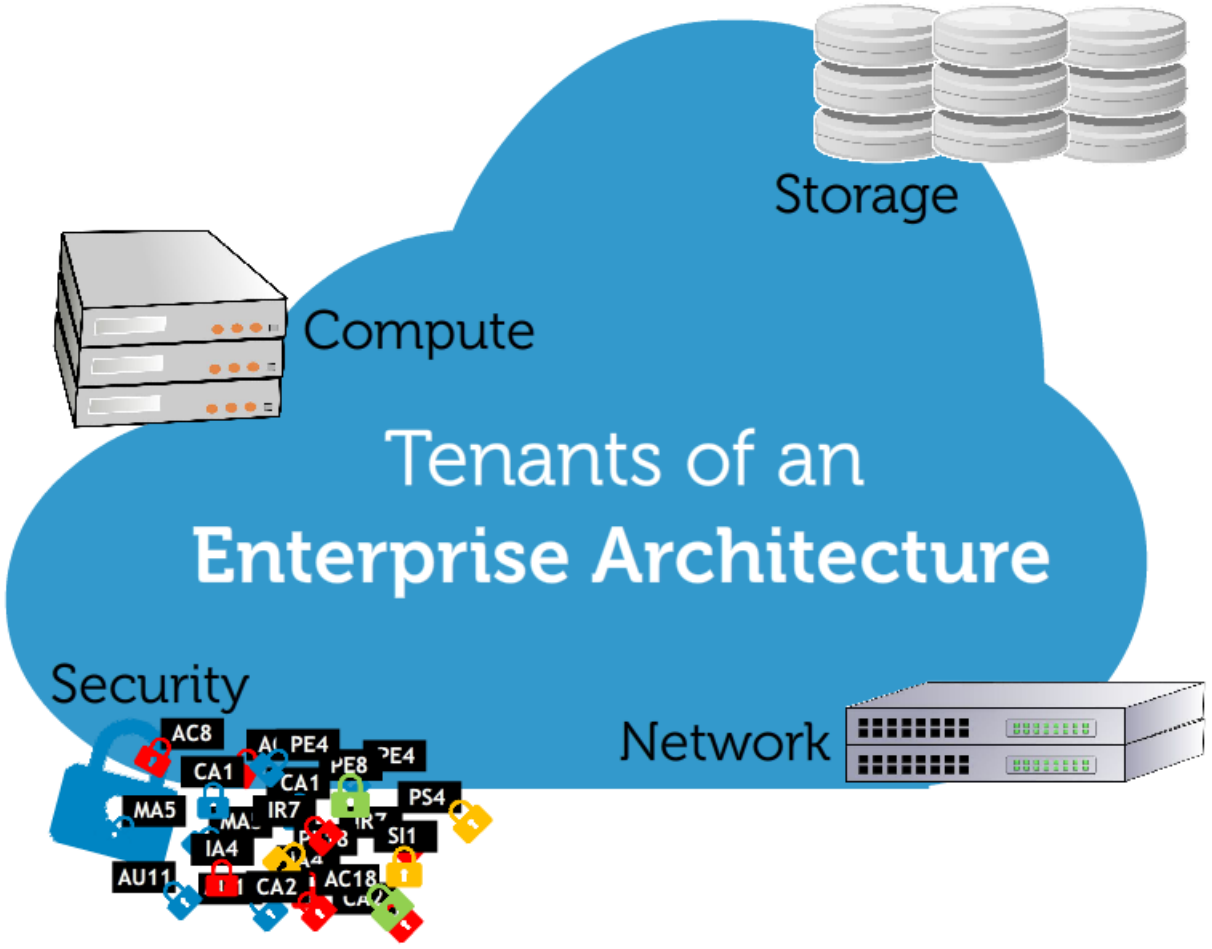

- Performance
- Scalability
- Flexible
- Location Agnostic
- Dedicated / Multi-tenant

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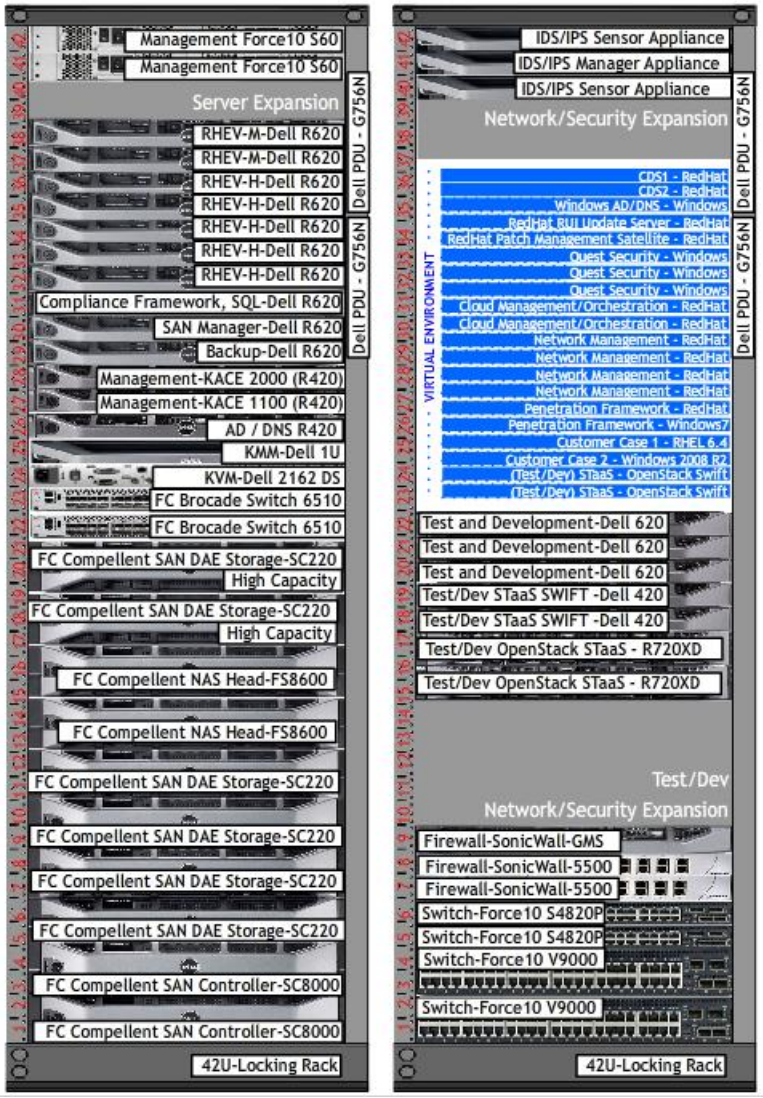

If you can not manage the ATO effectively, the technology really does not matter

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FBI receives their **ATO** that **inherits DCG** FedRAMP controls

+ Security controls are developed to secure EaaS

+ FBI requires EaaS that will reside within the FedRAMP Cloud

STIG NOS Hypervisor

Infrastructure as a Service

NIST 800-53 Controls

FISMA ACT 2002
Infrastructure Security and Process
NIST 800-53 Rev 1-3, FedRAMP, Rev 4

FedRAMP IaaS

ATO Management

REQUIREMENT: Control management of all controls within the FedRAMP environment, dynamically. Validated every 3 months. **OMB requirement: June, 2014**

Continuous Monitoring

REQUIREMENT: Continuous Monitoring of all IP devices. Each device will be touched every 3 days. **OMB requirement: Nov 14, 2014**

Manual - Customer responsibility

Manual tracking each ATO individually

Every 3 months

Security Officer approval

Analyze all 1/3 of all devices and logs daily per ATO

ATO approval

remediation workflow

discover vulnerability

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Inherit Controls

Automated collection of tools

Automated Impact Analysis

Security Officer approval

Automated Risk Analysis

DCG Compliance Framework

Where will Cloud take us?

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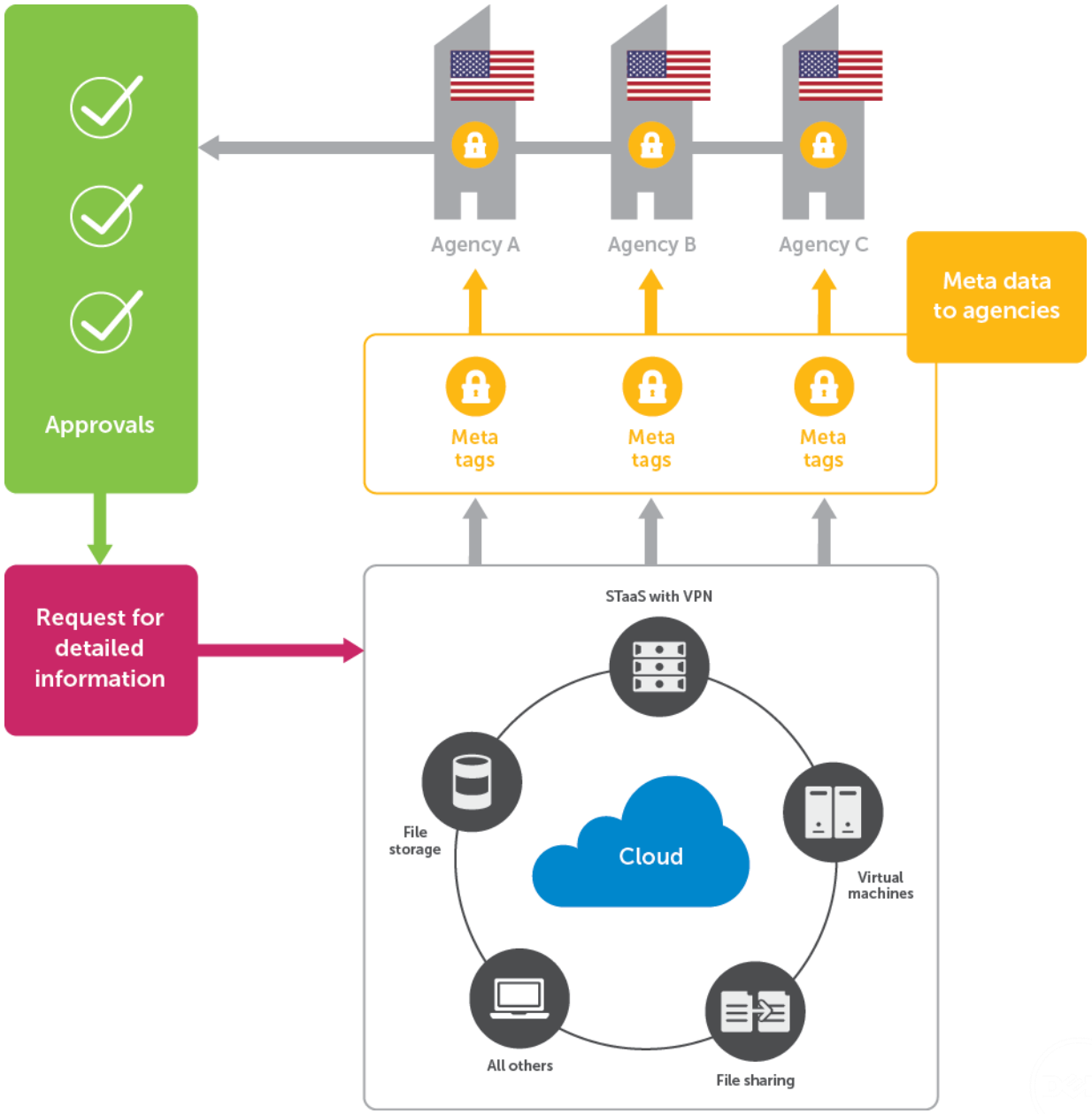

Focused on the needs of federally secured environments.

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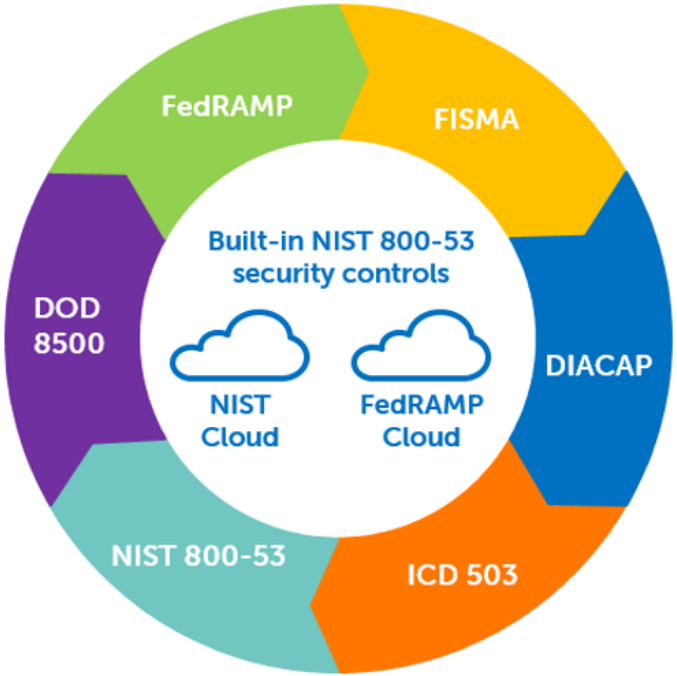
addresses specific agency needs.

NIST Cloud
Dedicated private cloud

Meets special requirements on-site and off-site.

FedRAMP Cloud
Multi-tenant cloud

Safe to share data across environments. Hosted off-site.



Thank you for your time

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