



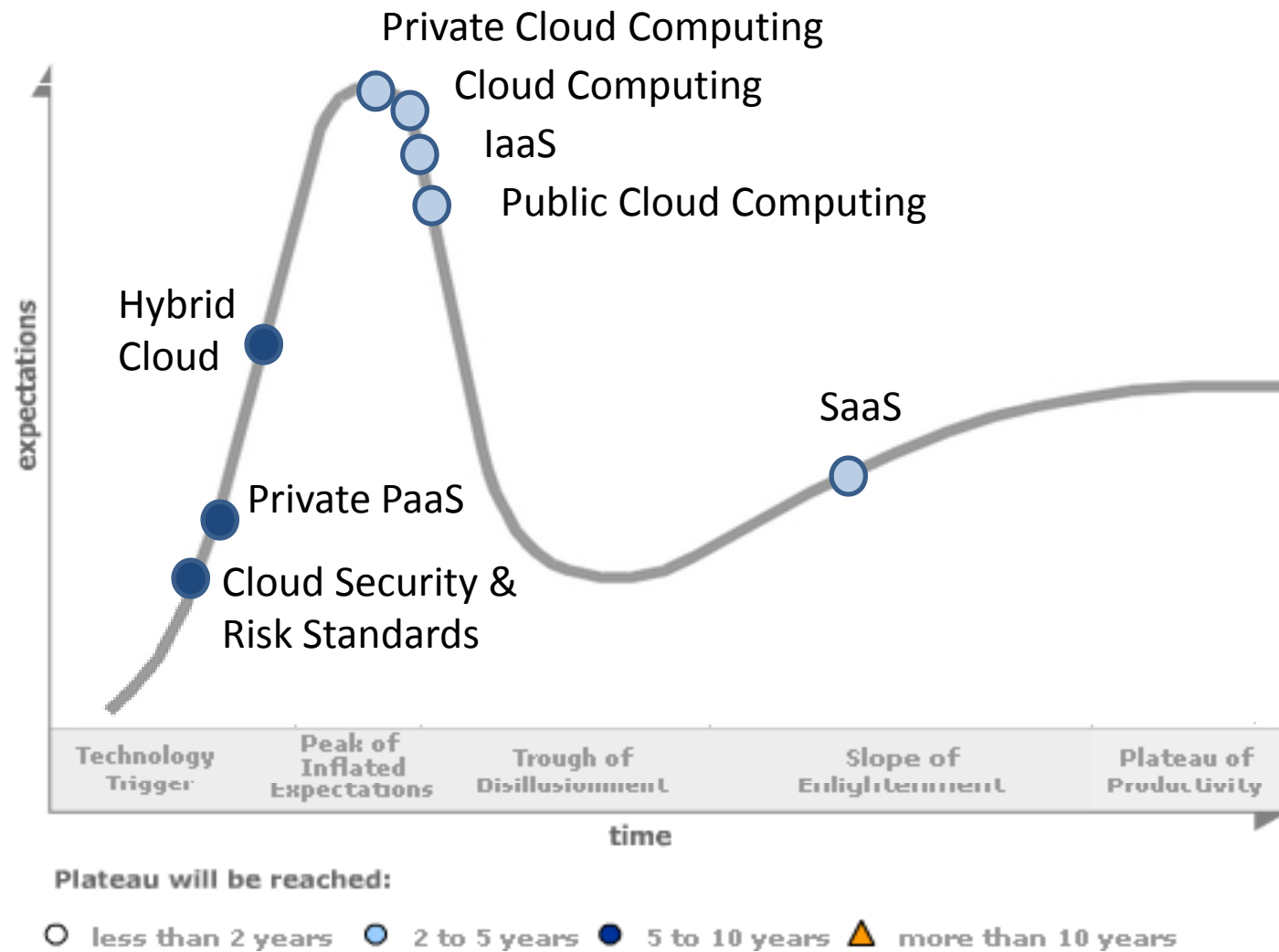
DoD Cloud Computing Strategy

DoD Enterprise Architecture Conference

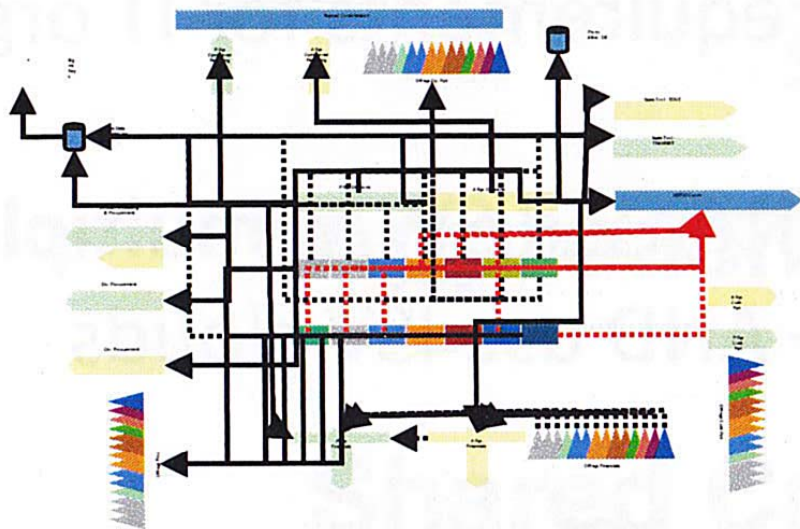
May 2, 2012

Rob Vietmeyer

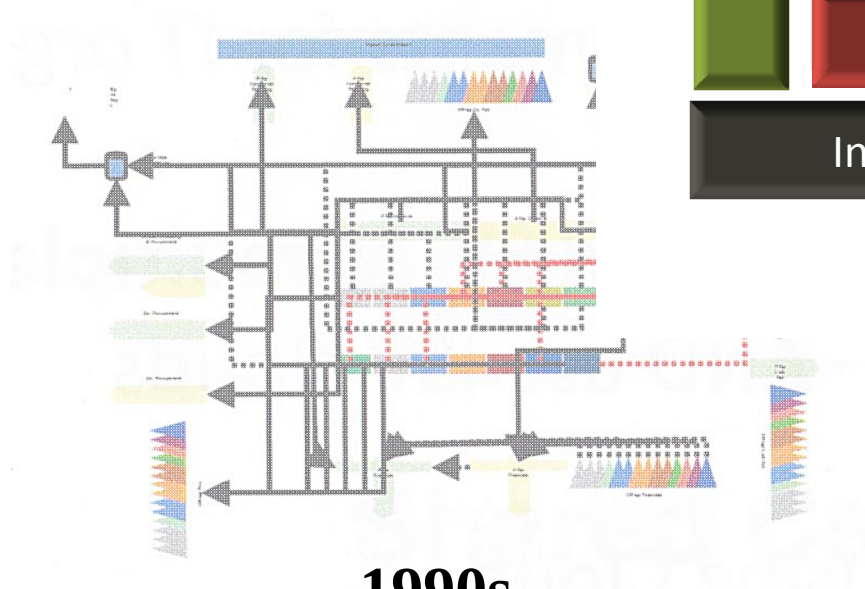
Office of the Chief Information Officer
Department of Defense



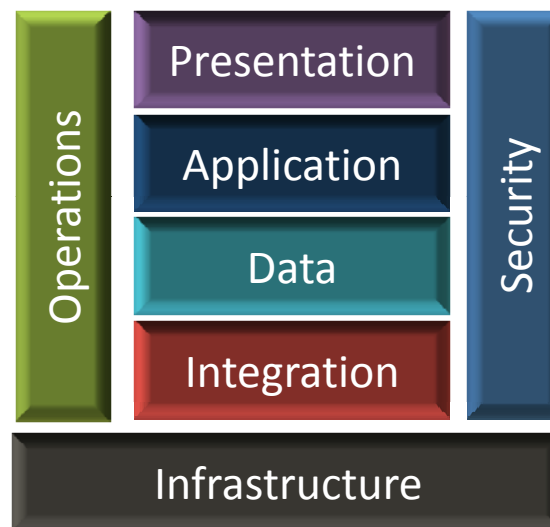
Gartner Hype Cycle for Cloud Computing, 2011



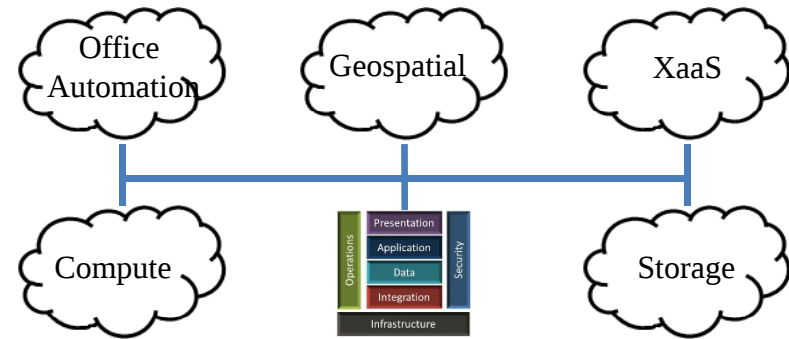
1990s



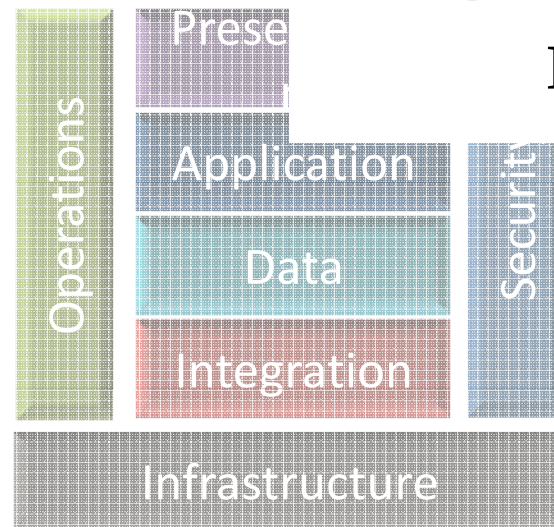
1990s



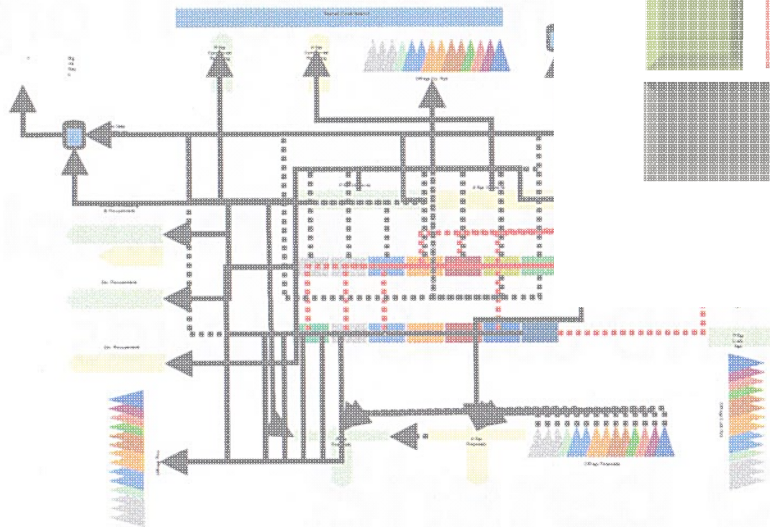
2000s



New Architecture



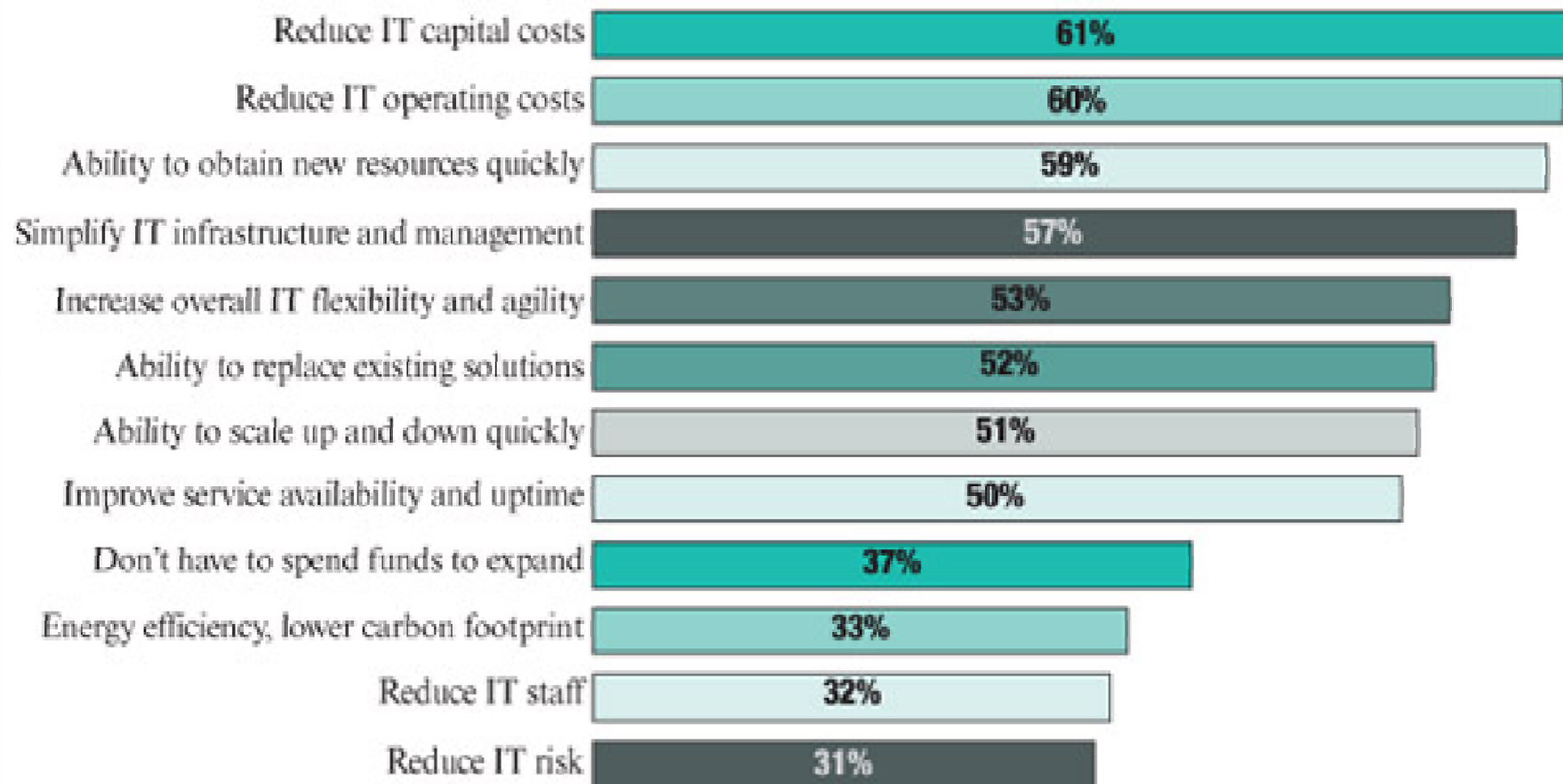
2000s



1990s

WHAT DRIVES CLOUD COMPUTING

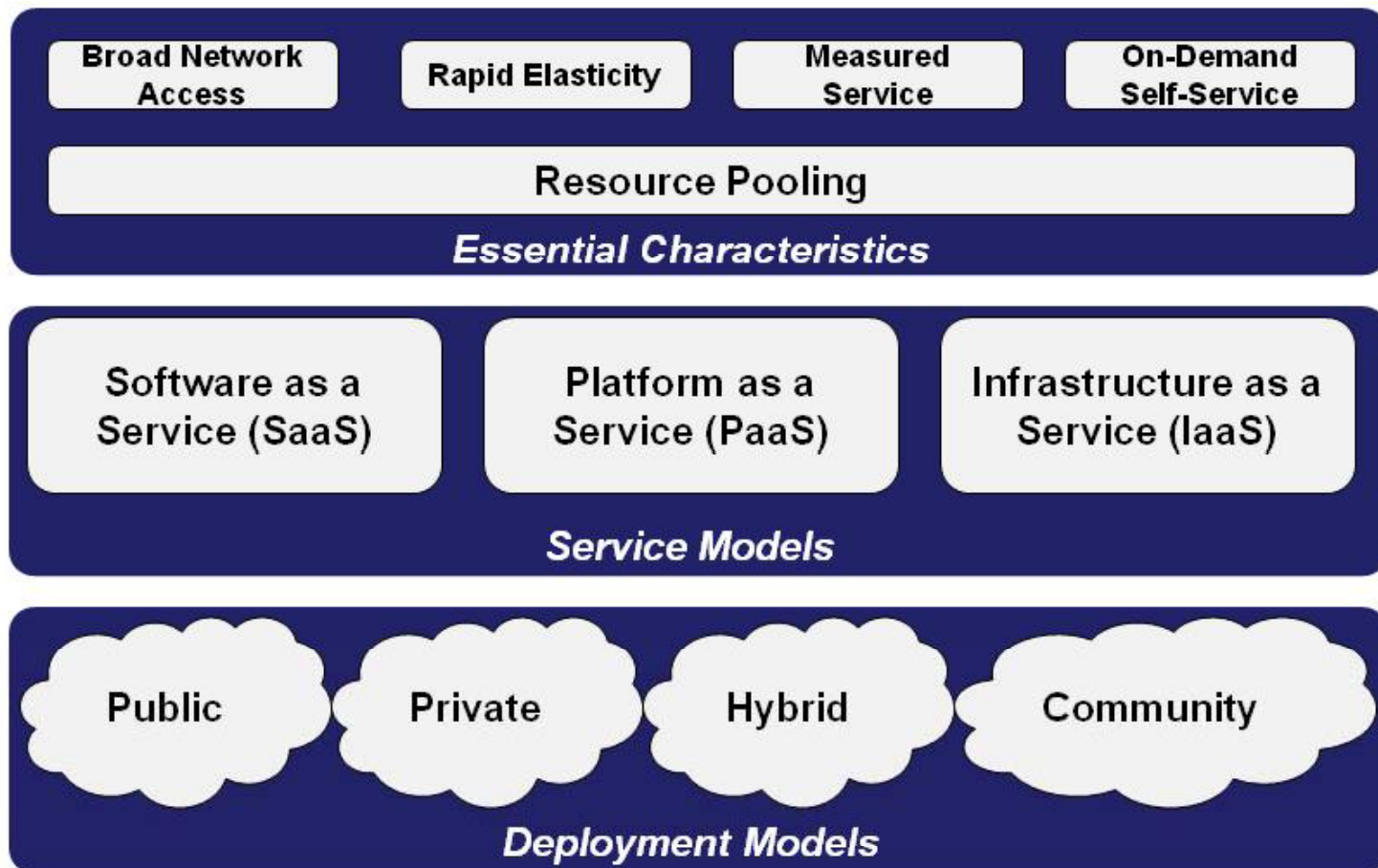
(% OF RESPONDENTS, MULTIPLE ANSWERS ALLOWED)



Cloud Computing in the Federal Government Survey,
1105 Government Information Group, 2010

Got Cloud?





Cloud Computing: A model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

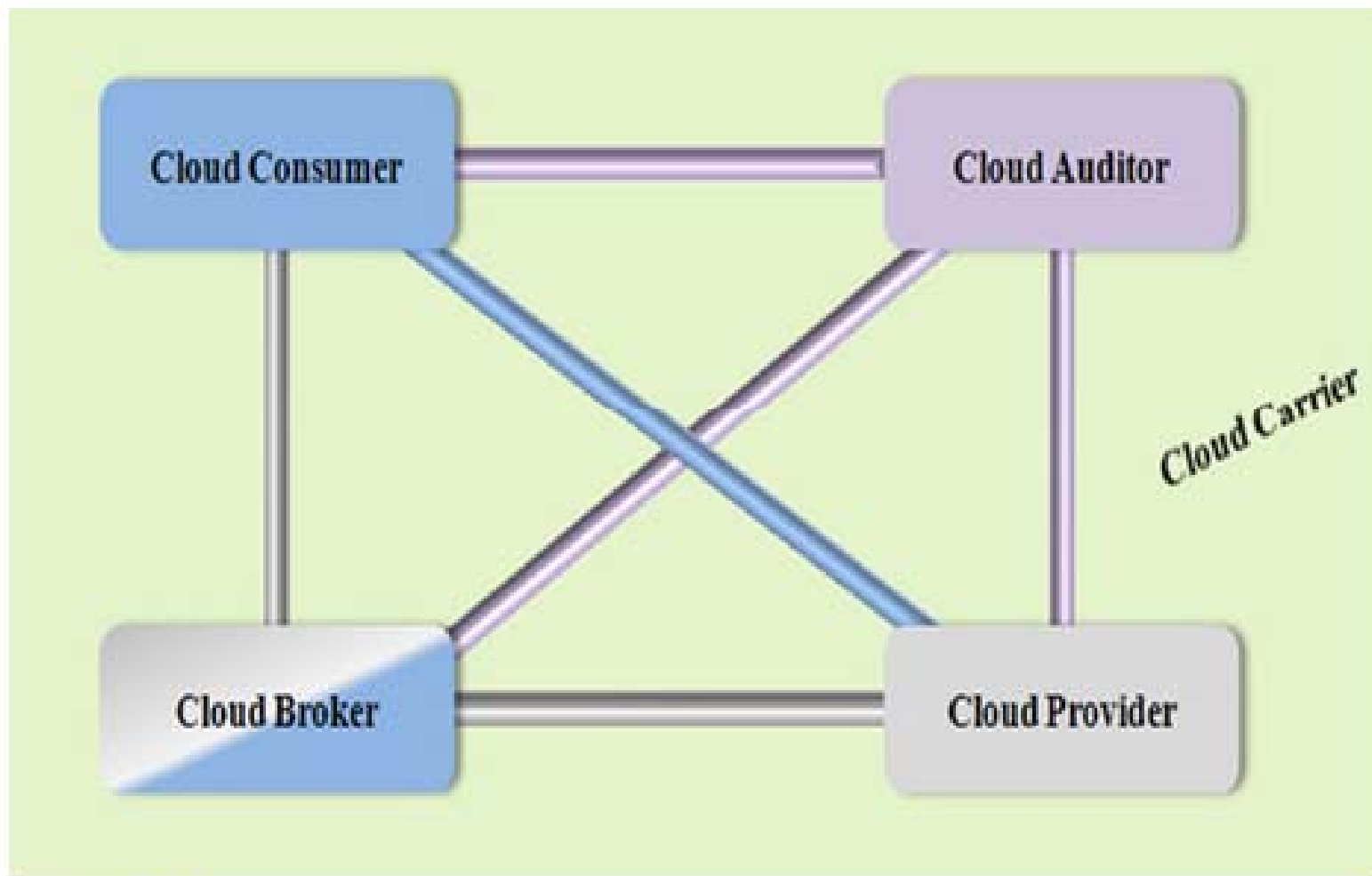
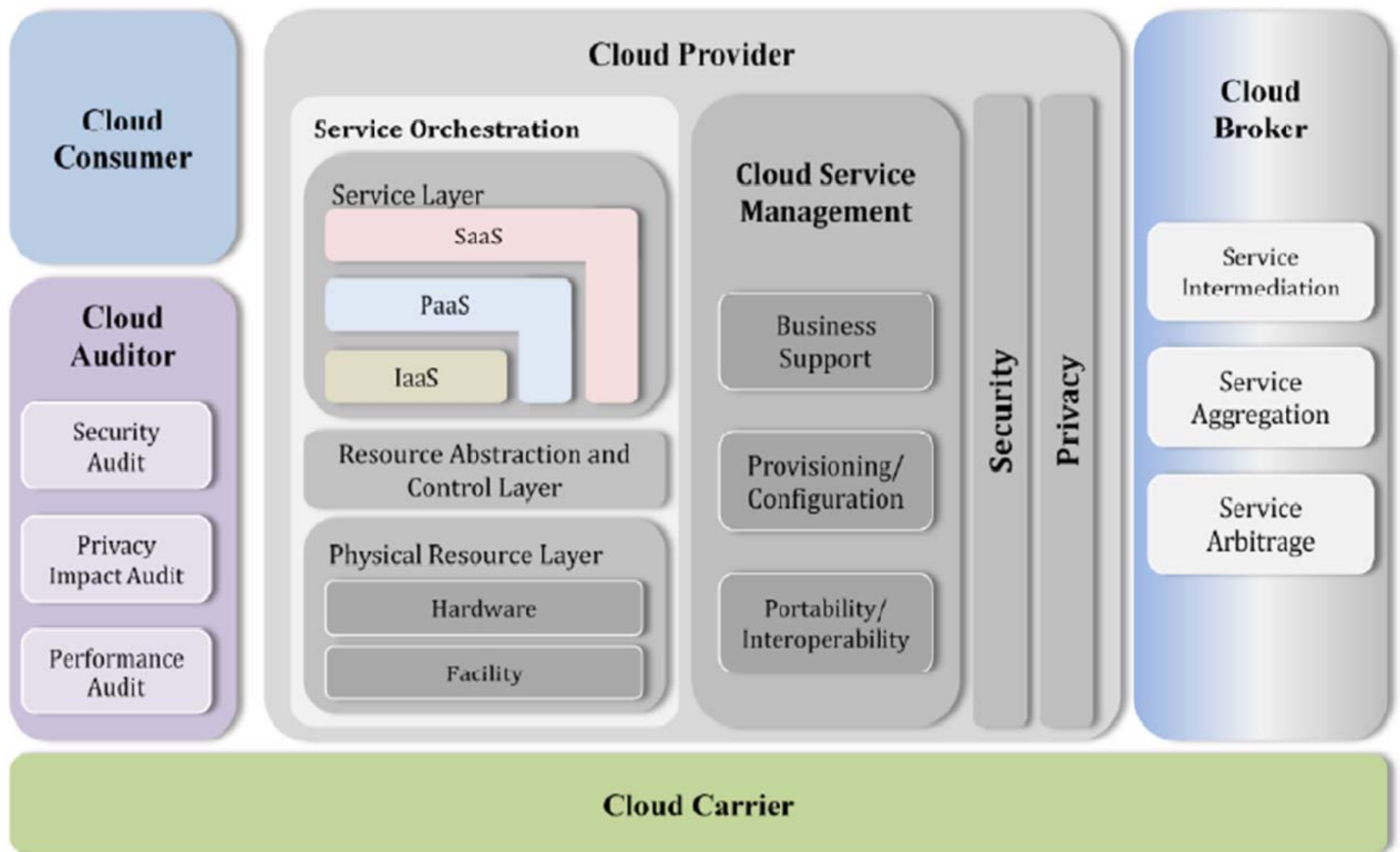
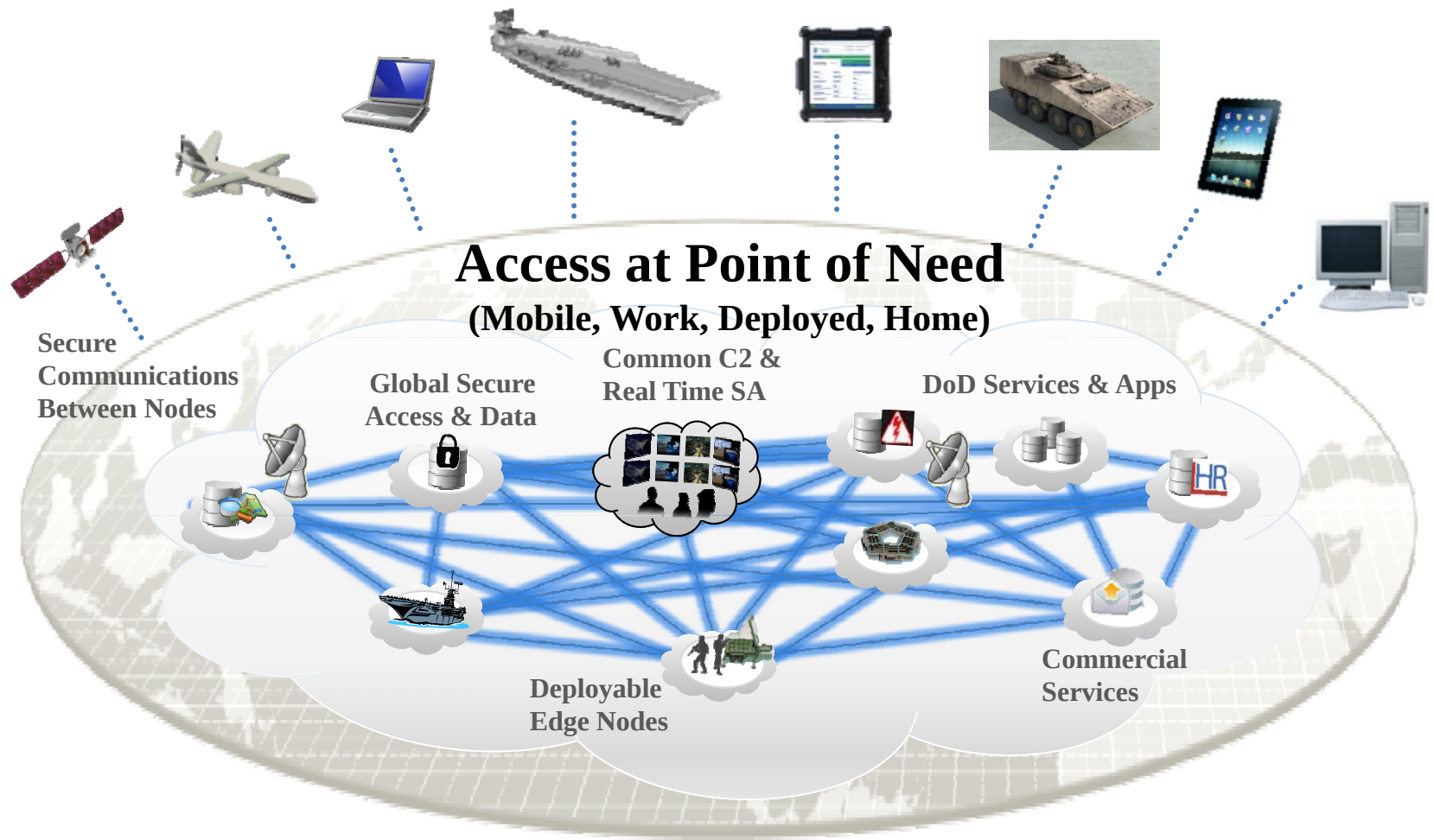


Image: NIST



NIST – Cloud Computing Conceptual Reference Model

DoD Enterprise Cloud



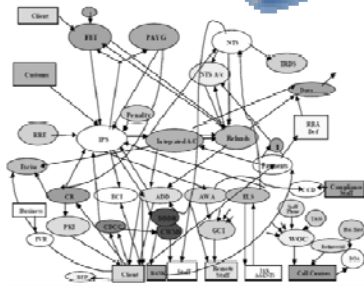
DoD Cloud Computing Strategy

Govern the DoD Enterprise Cloud

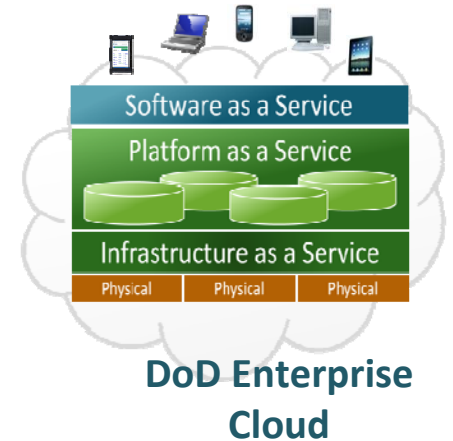
Optimize Data Center Consolidation

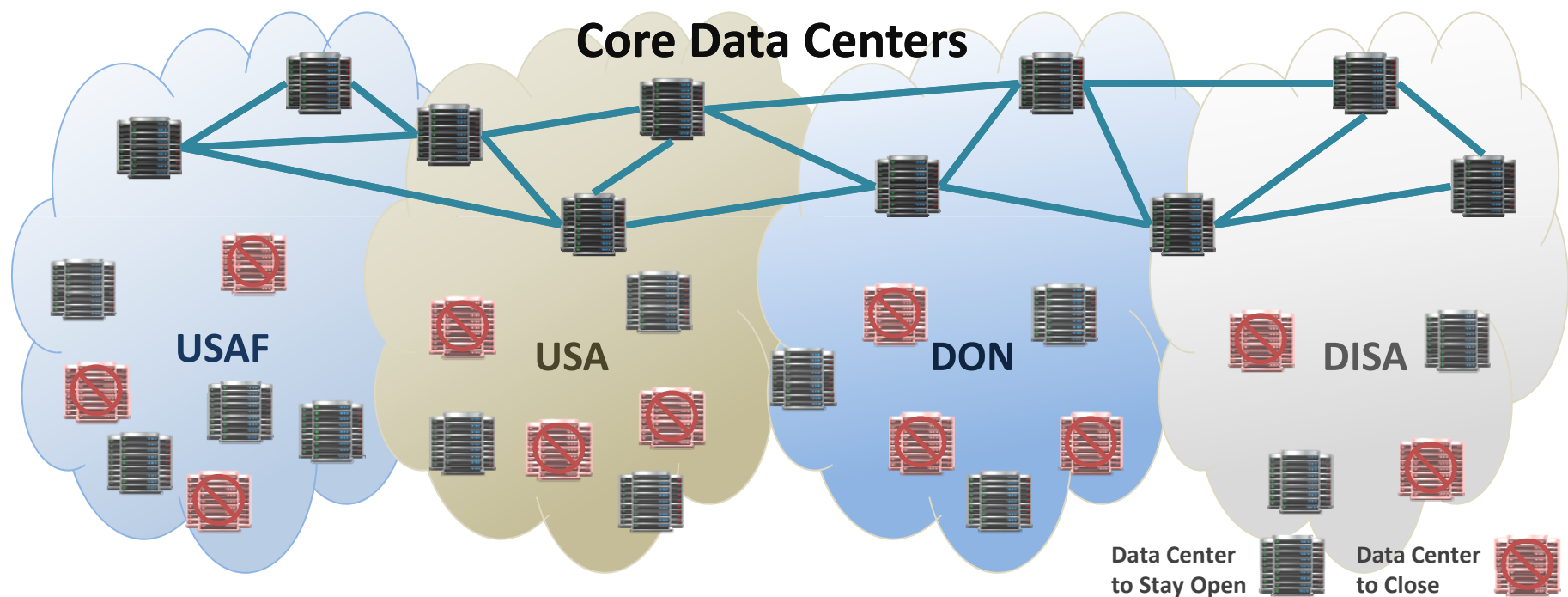
Establish the DoD Enterprise Cloud Platform

Deliver Cloud Services



Current State





- Data Centers will be closed, by repositioning and virtualizing servers, while simultaneously establishing **Franchised** Resilient CORE Data Centers with Robust Inter-connectivity and Global Accessibility
- Core Data Centers will be Exemplar Data Center Standard Compliant supporting Enterprise Services & Core Cloud Platform

**Department of Defense
Information Enterprise Architecture**



**Core Data Center Reference
Architecture (CDC RA)**

**Version 1.0
May XX, 2012**

**Prepared by:
Office of the DoD Chief Information Officer**

Core Data Center



**Department of Defense
Information Enterprise Architecture**

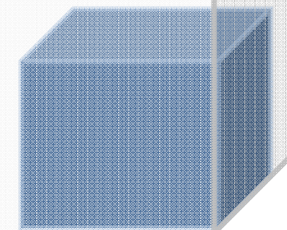


**Core Data Center Reference
Architecture (CDC RA)**

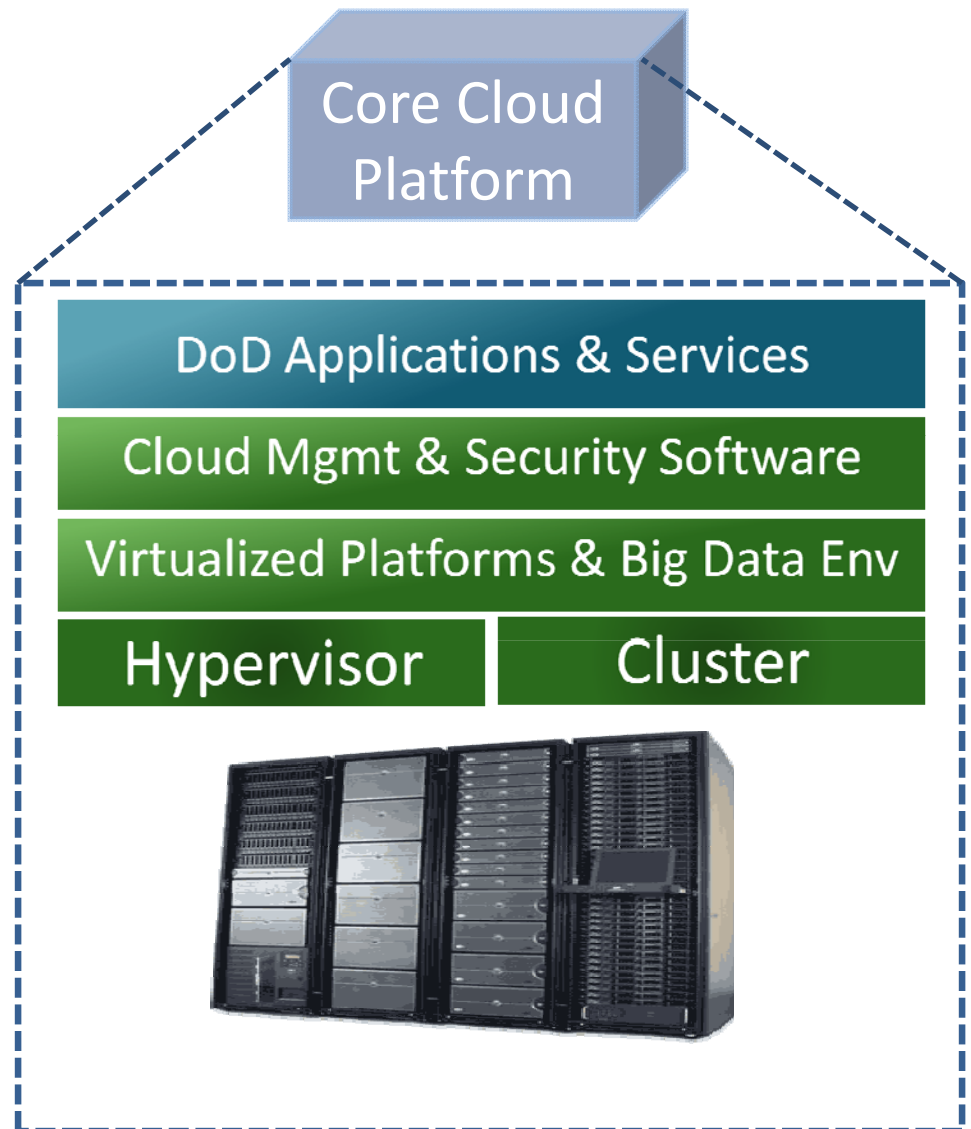
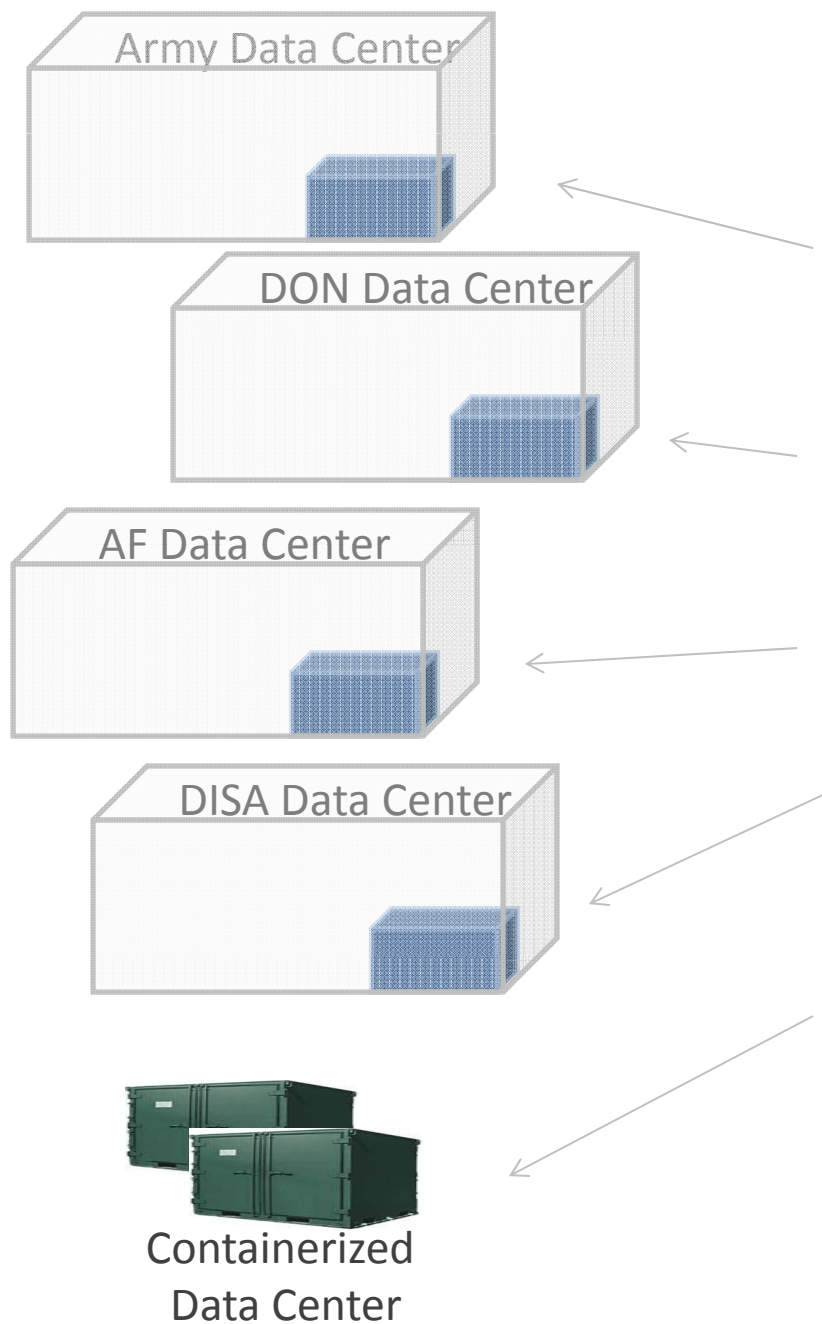
**Version 1.0
May XX, 2012**

**Prepared by:
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Core Data Center



**Core Cloud
Platform**

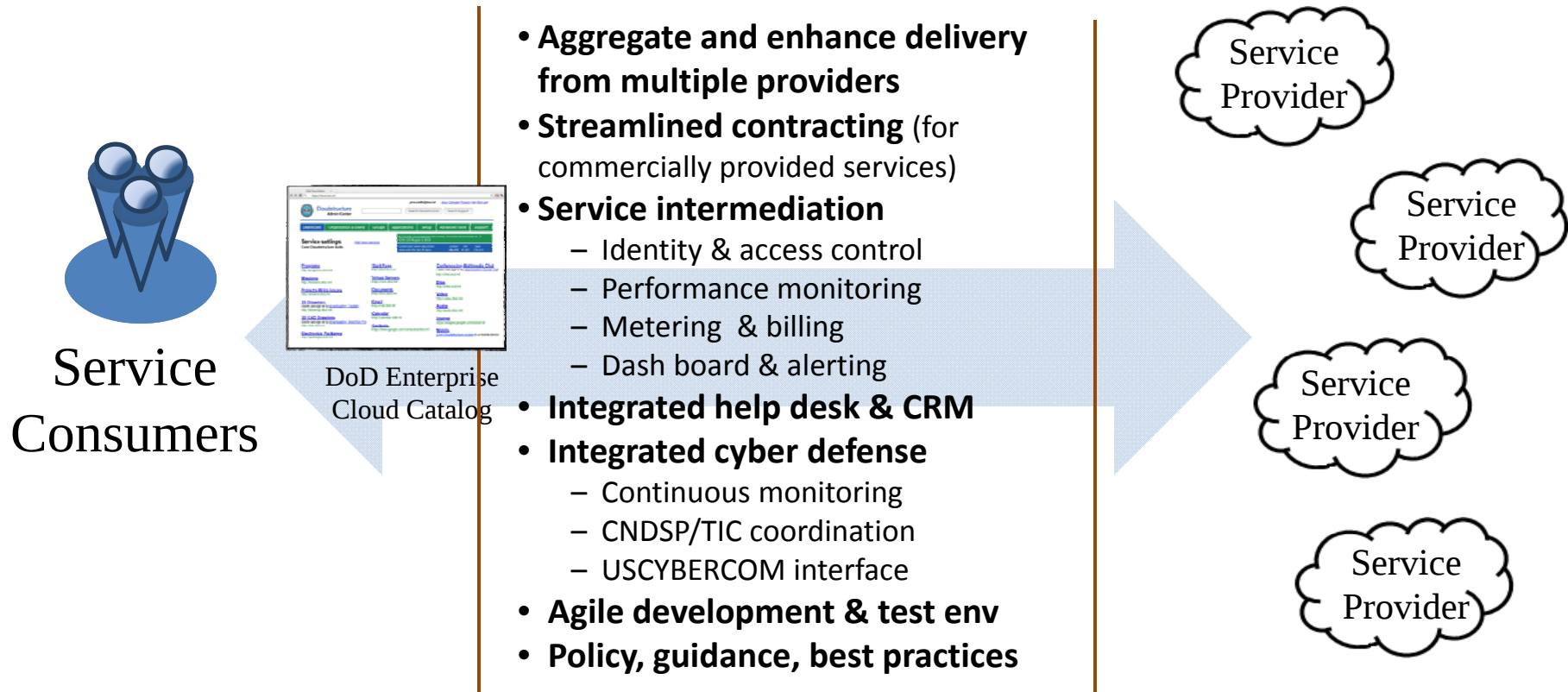


DoD Enterprise Cloud



DoD Enterprise Cloud Broker

DoD Cloud Broker



Cloud Computing Implementation Plan

