

Project JEDI

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Overall Vision

- JEDI – short for Joint Enterprise Defense Infrastructure
 - Implemented to help revolutionize the cloud computing for the Department of Defense
- The goal of the program was to centralize cloud computing to enhance the following:
 - Data access and sharing
 - Battlefield Decision making
 - Increase Cybersecurity
 - Reduce the effort involved that comes with managing multiple data companies

Strategic Objectives

- **Operational Readiness & Resilience**
- **Cybersecurity & Threat Mitigation**
- **Interoperability & Standardization**
- **Cost Optimization & Resource Allocation**
- **Scalability, Flexibility & Technological Advancement**



Important Assumptions

- All vendors must comply with FedRAMP & Impact Level 6
- The program will require a secure, scalable, and strong cloud infrastructure to support long-term national defense operations
- Procurement and vendor selection processes should be structured to promote fairness, competition, and efficiency while reducing the risk of bias or monopolization.
- Budget and funding will remain stable despite political changes
- Legal and regulatory frameworks will stay in place, but subject to potential refinements and changes



Major Program Risks (Contractual and Legal Risks)

- **Prolonged Legal Disputes**

- The JEDI contract has faced many legal disputes, particularly with Amazon challenging the decision to award it to Microsoft, resulting in substantial delays in the project's release.

- **Industry Opposition and Lobbying**

- Numerous industry stakeholders have actively employed strategies including lobbying, congressional interventions, and legal challenges to contest the JEDI contract. Their goal is to persuade the Department of Defense to rethink its decision to adopt a single-vendor model.



Major Program Risks (Operational and Strategic Risks)

- **Delays in IT Modernization**

- Current legal obstacles are impeding the Department of Defense's ability to modernize its IT infrastructure, which could jeopardize mission-critical operations and delay the integration of cutting-edge technologies.

- **Time-Sensitive Implementation Concerns**

- Experts warn that any additional delays in the JEDI project could jeopardize its relevance, given the swift pace of technological advancements. Timely execution is crucial to ensure that the initiative retains its strategic advantages.

Possible Solutions Considered

- Single-Cloud Solution:
 - One provider is awarded contract to create DoD cloud environment
- Multi-Cloud Approach:
 - Has multiple providers collaborate to create DoD cloud environment (decreased reliance on a single vendor)
- Task-Order Competition:
 - Various providers compete for different tasks related to completing DoD cloud environment (best possible result for each specific task)



Recommendation

MULTI-CLOUD!

Recommendation cont.



- Enhanced Flexibility:
 - Various providers have different areas of expertise and can align each provider with their strengths in order to create a more reliable and quality product
- Enhanced Security:
 - Assigning work to various vendors can increase cybersecurity by decreasing failure points while also restricting data information if needed
- Promotes Innovation:
 - As companies compete within this single project, they want to show they are able to produce the best project for their individual assignment in order to continuously win more contracts
- Compliance:
 - Working with more companies allows for better compliance with government regulations as well as distribute more risk by not 'putting all the eggs in one basket'