CONNECTING THE MISSION OF THE DEFENSE DEPARTMENT TO YOU IN BRIEF

QUICK TIPS TO UNDERSTANDING DoD INITIATIVES
The Trump administration appears poised to give the Pentagon as much as $54 billion in increased funding in FY 2018. At the same time, Former Defense Secretary Ash Carter has urged his successor, Gen. James Mattis, to continue important initiatives, including:

- Force of the Future
- Joint Information Environment (JIE)
- Defense Innovation Unit Experimental (DIUx)
- United States Cyber Command (CYBERCOM)

By gaining a clearer understanding of these four initiatives, you can grasp how they affect DoD employees, government and the public sector overall. You can also better navigate the future of DoD under a transitioning administration.
 THE PULSE OF TODAY’S DEFENSE EMPLOYEE

To get a sense of the Defense Department community regarding these four major initiatives, GovLoop conducted a survey of 215 DoD Personnel. The results reflect a few of the challenges facing DoD employees.

Source: 2018 GovLoop survey of 215 DoD personnel

WHAT ROLE ARE YOU WITHIN THE DoD?

- 70% Civilian
- 13% Military
- 10% Contractor
- 7% Other

WHAT ARE THE BIGGEST CHALLENGES YOU FACE IN YOUR DEPARTMENT? (CHECK ALL THAT APPLY)

- Budgetary constraints: 69%
- Lack of skilled professionals with relevant knowledge and experience: 53%
- Inability to keep up with latest technologies: 44%
- Lack of understanding to deal with the cyberthreat landscape: 20%
- Other: 33%

PLEASE RATE THE IMPORTANCE OF EACH TOPIC TO THE MISSION OF YOUR DEPARTMENT OR AGENCY

- Extremely important
- Fairly important
- Not very important
- Not important at all

- Innovation and access to commercial technology: 50%
- Cybersecurity and cyberstrategy: 62%
- Information sharing capabilities: 65%
- Recruitment and retention efforts: 54%

Connecting the Mission of the Defense Department to You
Force of the Future is an eclectic group of initiatives to maintain the DoD’s competitive edge in bringing in top talent to serve the nation.

48 PERCENT of DoD employees in GovLoop’s survey were not familiar with Force of the Future.

BUDGET BREAKDOWN

Estimated costs for sabbaticals and graduate programs were over $1 billion per year. The FY2018 Defense budget allots $142 billion on military personnel, a 3 percent increase from previous administration.

ESTIMATED COST: $1B+

INCREASE: +3%
To address disproportionate geographic representation, Force of the Future included a plan to use a Joint Advertising Marketing Research and Studies program.

Calls for permanent authority to allow experienced civilians in critical career fields, like IT or cybersecurity, to join the military as commissioned officers.

The Secretary of Military would be automatically authorized to approve an officer’s request to be temporarily excluded from consideration by a promotion board.

Carter pushed for six weeks of paid parental leave that could be used within 12 months of a birth or adoption placement. However, the proposal requires legislation to become effective.

In an effort to improve recruiting efforts, the program calls for more effective recruitment of women, Hispanic and black youth.
The Joint Information Environment (JIE) was conceived under the Defense Information Systems Agency (DISA) and optimizes DoD’s IT assets by converging communications, computing and enterprise services into a single platform.

### Joint Information Environment

51 PER CENT of DoD employees in GovLoop’s survey were not familiar with JIE

<table>
<thead>
<tr>
<th>Familiarity Level</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>1 = Not familiar at all</td>
<td>36%</td>
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<tr>
<td>2</td>
<td>15%</td>
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<tr>
<td>3</td>
<td>26%</td>
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<td>4</td>
<td>16%</td>
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<tr>
<td>5 = Very familiar</td>
<td>7%</td>
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### Budget Breakdown

ESTIMATED COST: $1.3B

SAVINGS PER YEAR: $113.5M

* Savings in Defense Enterprise Computing costs for FY 2009-FY 2012 annually
Transitioning the Army to DoD enterprise email alone is saving the service an estimated $100 million annually.

With increased interoperability, the initiative will facilitate more efficient collaboration between joint forces, the ability to provide joint cloud services and reduce the cost of managing IT infrastructure.

JIE will be managed by several soon-to-be established entities, including the Global Enterprise Operations, which will oversee the entire enterprise, and Enterprise Operations Centers.

Single security architecture can reduce the cyberattack surface by enabling centralized configuration management, along with standardized security implementations.

Mobile devices will provide access to the DoD Information Networks (DoDIN), allowing warfighters to operate within the JIE when and where needed.
DIUx is meant to increase DoD’s access to commercial technology, with the ultimate goal of accelerating innovation into the hands of the men and women in uniform.

75 PER CENT of those surveyed had little to no familiarity with DIUx.

BUDGET BREAKDOWN
CONTRACTS SIGNED: 25
WORTH ABOUT: $48M
An overhaul of DIUx included new leadership under entrepreneur Raj Shah.

The average time to completion of projects was whittled down to only 78 days, compared with the months – or even years – it takes to complete a traditional Defense acquisition.

DIUx leaders are adamant that they are more focused on changing the culture of innovation and acquisitions than actually developing new tech.

The 2017 National Defense Authorization Act (NDAA) cut funds by 20 percent and requires a more fleshed-out plan of DIUx growth.

A 99-page e-book titled “Fast, Flexible, and Collaborative: The Commercial Solutions Opening and DIUx’s Approach to Other Transactions for Prototype Projects” was recently published to help spread best practices and lessons learned from the initiative’s first two years of operation.
U.S. CYBER COMMAND

CYBERCOM is a sub-unified facility under U.S. Strategic Command. Its mission is to plan, coordinate, integrate and conduct activities to direct the operations and security of DoD information networks as well as cyberspace operations.

66 PER CENT of DoD employees surveyed were familiar with CYBERCOM

BUDGET BREAKDOWN

INCREASE IN BUDGET IN 2017: 16%

BUDGET NEEDED: $647M

CYBER MISSION FORCES: 6,200

EXPECTED TO BE FULLY OPERATIONAL BY: OCT. 2018
Last year, the Obama administration directed CYBERCOM for the first time to mount computer-network attacks alongside more traditional weapons.

Cyberspace is a new warfighting domain, meaning CYBERCOM is expected to defend DoD networks, systems and information in addition to defending the nation against cyberattacks.

CYBERCOM is currently a sub-unified combatant command with service elements that include Army Cyber Command, Fleet Cyber Command, Air Force Cyber Command and Marine Forces Cyber Command.

Adm. Mike Rogers is both director of the NSA and commander of the cyber unit. There has been much discussion, however, about separating CYBERCOM from the NSA to become a full-fledged combatant command.

The main focus areas of the command are to defend the Department of Defense Information Network (DoDIN), provide support to combatant commanders for execution of their missions around the world and strengthen our nation’s ability to withstand and respond to cyberattacks.
CONCLUSION

These four initiatives, Force of the Future, Joint Information Enterprise, Department Innovation Unit Experimental and Cyber Command, prepare DoD for the future. Understanding the rationale behind these initiatives and how they are understood in the Defense community is pivotal to that future.

“The most important thing to be a good leader within government and military space is the willingness to listen to others, particularly your subordinates”

— Greg Gardner, retired U.S. Army Colonel.
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