What is DI2E?

DI2E is the Intelligence Mission Area Enterprise Architecture.
**What is DI2E Plugfest?**

*Event for vendors to demonstrate...*

<table>
<thead>
<tr>
<th>2.3 Data Discovery</th>
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<tbody>
<tr>
<td>2.3.1 Content Discovery and Retrieval</td>
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<tr>
<td>2.3.1.1 Content Search</td>
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<td>2.3.1.2 Brokered Search</td>
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<td>2.3.1.3 Retrieve Content</td>
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<td>2.3.1.4 Deliver Content</td>
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<td>2.3.1.5 Describe Content</td>
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<td>2.3.1.6 Query Management</td>
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<td>2.3.1.7 Query Results Management</td>
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</table>

DI2E applicable

Interoperable

Standards conformant
Plugfest eXchange Infrastructure

Federated government and commercial clouds
Vendor Assessments

• Conducted between March – May

• Testing, demonstration, and technical interface analysis
  – Applicability to DI2E reference architecture
  – Standards / specification conformance

• Cooperative effort among
  – Government support contractors
  – Vendors

• 35 vendors assessed
  – Some chose to exhibit only
  – 100% earned at least two stars
  – 63% earned all four stars
## Gold Star Assessment Criteria

<table>
<thead>
<tr>
<th>DI2E Goal</th>
<th>Description</th>
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<tr>
<td>DI2E SvcV-4</td>
<td>Vendor has one or more products mapped to one or more service functions on the DI2E SvcV-4</td>
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<tr>
<td>PX Available</td>
<td>Vendor has one or more products deployed to or interfacing with the Plugfest eXchange</td>
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<tr>
<td>DI2E Interoperable</td>
<td>Vendor has one or more products that use another vendor’s product or are used by another vendor’s product</td>
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<tr>
<td>DI2E Aligned</td>
<td>Vendor has one or more products that has passed relevant DI2E Conformance Test Kits (CTKs) or vendor has made a significant contribution to updating DI2E Technical Profiles or CTKs</td>
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</table>
What is the Mashup Challenge?

Given...

...show us what you can do!
Plugfest Data

• Scenario-relevant test data
  – >3 million RDF triples and growing
  – Automated Identification System (AIS)
    • Ship positions
    • Voyage information
  – Geospatial Imagery
  – Open source news reports
  – Full Motion Video collected live at Plugfest

• Available through standards-conformant interfaces

Data available to all vendors and mashup teams
Key Focus Areas:
• Content Discover & Retrieval
• Identity & Access Management
• Service Discovery
• Data Tagging

Mashup Challengers:
• DCGS-SOF
• DCGS-Navy
• NGA Placeography
• Office of Naval Research

Event held 19 May 2015 at George Mason University
2015 Highlights

• 37 vendors integrated into the Plugfest Exchange
• 4 government-sponsored Mashup teams
• 81% of vendors participated in Mashups
  – 22 vendors participated in DCGS-N Mashup
  – 8 vendors participated in 2 or more Mashups
  – 1 vendor participated in 3 Mashups
• 87% of SvcV-4 covered by vendor products
• 3 integration experiments
  – Identity and Access Management
  – Run-Time Service Discovery
  – Inter-Cloud Query Brokering
DI2E Plugfest and Mashup Challenge 2016

• When: 1 & 2 June 2016
• Where: George Mason University
• Who:
  – Registration opening soon!
Questions?