Industry Roundtable: Upcoming Gov. Requirements For Vendors

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BAA Advanced Distributed Learning (ADL) Initiative

Solicitation Number: HQ0034-19-BAA-ADL
Notice Type: Pre-solicitation

Synopses:
This Broad Agency Announcement (BAA) seeks a range of training science and technology topics, designed to ultimately build a persistent capability for effective, personalized, learning-enabled anytime, anywhere, and on any device or platform. Offerors are highly encouraged to review the current ADL projects (http://www.adlnet.gov/project/portfolio) to avoid proposing duplicative efforts. For current and past years of interest and submission due dates please go to http://www.adlnet.gov/collaboration/broad-agency-announcement-baa/.

Please consult the list of document viewers if you cannot open a file.

ADL BAA
Type: Other (Draft INP, RFPs, Responses to Questions, etc.)

Contracting Office Address:
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United States
Topic 1: Universal Learner Records (ULR)

Initial requirements and specifications for an enterprise-wide ULR system, with operational prototype

Objectives:

1. Author **functional requirements** for DoD ULR system
2. Author **design documents** of the ULR (instance) and larger system
3. Develop **prototypes** of the ULR (instance) and federated system
4. Test and **demonstrate** interoperable ULR prototypes

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<tbody>
<tr>
<td>Project framing</td>
<td>Requirements analysis, architecture design, System Design Document (SDD) authorship</td>
<td>Develop the prototype (source code deliverable)</td>
<td>Conduct functional testing</td>
<td>Deliver final reports and software</td>
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Illustrative example of a 12-month base timeline; possible options for maturation (not described here)
Topic 2: Accredited xAPI Learning Record Store (LRS)

Demonstrate an accredited (IATT or IATO) LRS reference implementation capturing data on an UNCLASSIFIED DoD network

Objectives:
1. Develop a robust cybersecurity plan and documentation
2. Attain accreditation from a DoD authority
3. Demonstrate the xAPI use on DoD network, across 2+ systems
4. Deliver guidance/updates for xAPI spec and STIG-testing in xAPI Test Suite
5. Capture results and recommendations

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<tr>
<td>Project framing</td>
<td>Requirements analysis, technology selection, design work, system categorization</td>
<td>File IATT/IATO including all constituent documentation, Receive IATT (minimum)</td>
<td>Deploy System, Conduct Testing</td>
<td>Deliver final reports and software</td>
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Illustrative example of a 12-month base timeline; schedule will be dependent on the accrediting authority process.
Topic 3: cmi5 Player and Test Suite

Develop and demonstrate open-source cmi5 content player and cmi5 Conformance Test for DoD stakeholders

Objectives:

1. Author **requirements**, use-cases, design documents
2. Develop **prototype** cmi5 content player and conformance test suite
3. Develop **prototype e-courses** in the cmi5-format (n≈10) for test/demo
4. Conduct/report on **test and evaluation**
5. Develop **user documentation** (e.g., “how to” guide)

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<td>Project framing</td>
<td>Requirements Traceability and Verification Matrix, Software Design Document, Test and Evaluation Plan</td>
<td>Develop the Player and Test Suite prototypes (source code deliverable)</td>
<td>Conduct functional testing</td>
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*Illustrative example of a 12-month base timeline*
Topic 4: PII/Privacy Policy

Develop, test and demonstrate a Privacy API

Objectives:

1. Author baseline DoD privacy policy recommendations documents
2. Collect/analyze requirements for Privacy API; author design documents
3. Develop and test prototype reference implementation
4. Author privacy roadmap and recommendations
5. Author ready-to-use Privacy API documentation

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<tr>
<td>Project framing</td>
<td>Baseline Privacy Assessment and Report</td>
<td>Requirements, Software Design Documents, Test and Evaluation Plan</td>
<td>Prototype Development and Possible Third-Party Implementation (via draft API documentation)</td>
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Illustrative example of a 12-month base timeline (not all objectives are shown in the base year); option-years for maturation (not shown in the table)
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