



DoD Architecture Registry System (DARS) EA Conference 2012

30 April, 2012

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Report Documentation Page

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Agenda



- **DARS Overview** Chhun
- **DARS Program Update** Chhun
- **DARS Capabilities / Features** Chhun
- **DARS Metrics** Chhun
- **DARS New Features Demo** Benchaaboun
 - **DARS overview**
 - **DARS Scorecard**
 - **DoD IEA**
 - **DARS Web Services**





DARS Program Overview

Chamroeun Chhun

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DARS Program Objectives



- Ensure architecture data is discoverable, accessible, understandable and trusted
- Provide an authoritative and trusted registry of DoD architectures and standards
- Deliver on customer program requirements for architecture registration support, community outreach, training, online user help support and help desk support

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DARS Program Update

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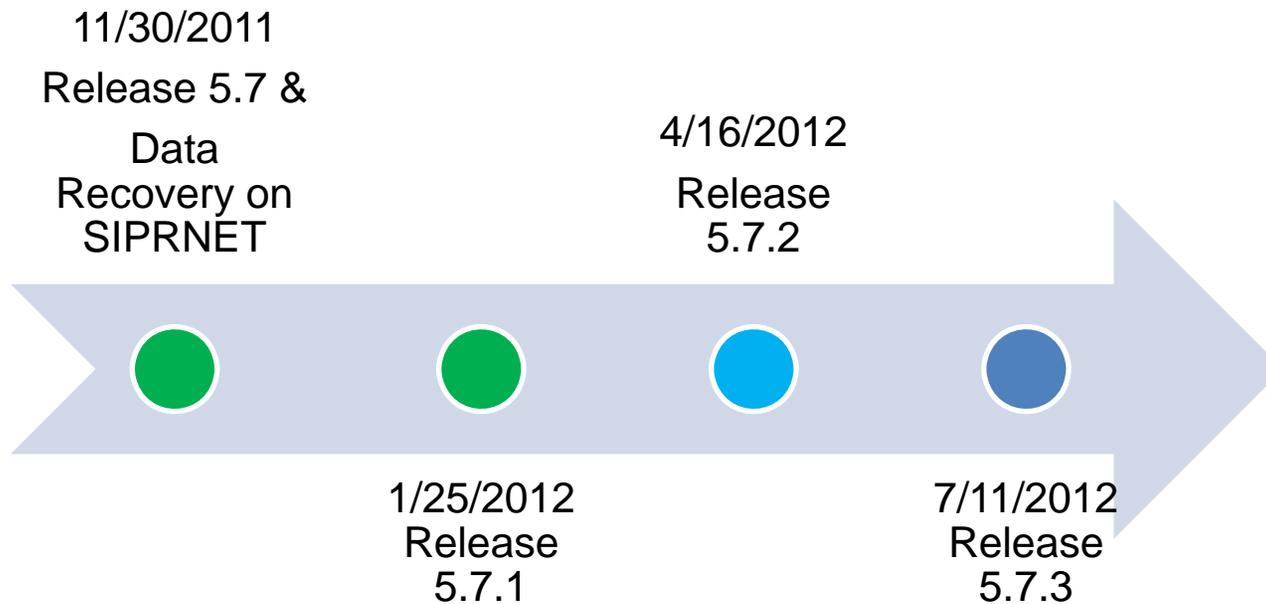
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DARS FY12 Release Schedule



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Releases Summary

Release	NIPRNET	SIPRNET	Description
5.7	09/29/2011	11/30/2011	<ol style="list-style-type: none"> 1. AV-1 Web service 2. Scorecard 3. SIPRNET Data Recovery
5.7.1	01/25/2012		<ol style="list-style-type: none"> 1. Enhanced AV-1 Web services (CXF framework) 2. Upload document to AV-1 3. Support Windows Communication Foundation (WCF)
5.7.2	04/16/2012	05/07/2012	DoD IEA
5.7.3	07/11/2012	08/20/2012	<ol style="list-style-type: none"> 1. Work with the CMB/customer to prioritize the defects 2. Reduce backlog of defects

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DARS FY12 Plan Review



- **Sustainment support**
- **Conduct, participate and support the following program requirements**
 - Quarterly DARS User Group
 - Quarterly Configuration Management Board
 - EA Conference
 - IPR to DARS customer
 - FAC meetings

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DARS Capabilities / Features

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DARS Capabilities



- **Architecture Registration**
 - On-line AV-1 editor
 - Web Services (Federation)
- **Content Search and Discovery**
 - Web Services (Federation)
- **Architecture data storage and management**
 - File upload automatically creates discovery metadata
 - Metadata may be edited during or after posting
 - Structured and unstructured data storage



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DARS Capabilities – continued

- **User Communities for sharing content**
 - Controlling visibility and access
 - Seven user roles and four access control levels
- **Content Management**
 - Copy, move, release, and delete
- **Support Federation via Web Services**
- **DARS Scorecard**

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DARS Metrics

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DARS Users (23 APR 2012)



COMMAND ORG

USER COUNT

▪ Other	1438 (1379, 4%)
▪ Navy	1358 (1279, 6%)
▪ Army	1245 (1183, 5%)
▪ Air Force	960 (889, 8%)
▪ OSD	358 (346, 3%)
▪ Marines	223 (209, 7%)
▪ Combatant Command	156 (155, 1%)
▪ Joint Staff	138 (117, 18%)
▪ (None Specified)	34 (34, 0%)
▪ Coast Guard	12 (10, 20%)
▪ Total DARS Accounts	5922 (5601, 5.7%)



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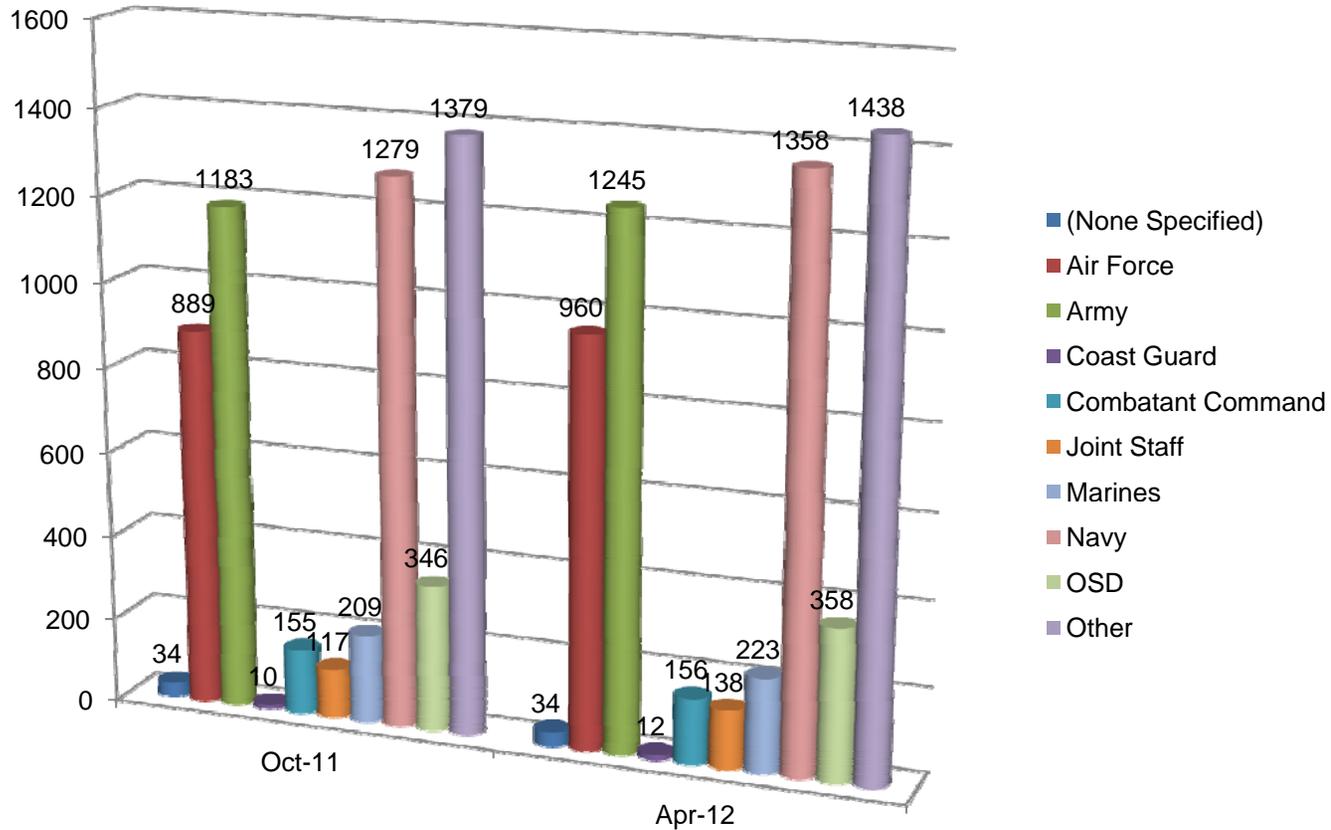
Have added 321 new DARS users since the last DUG

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DARS User Trend



As of APR 23, 2012



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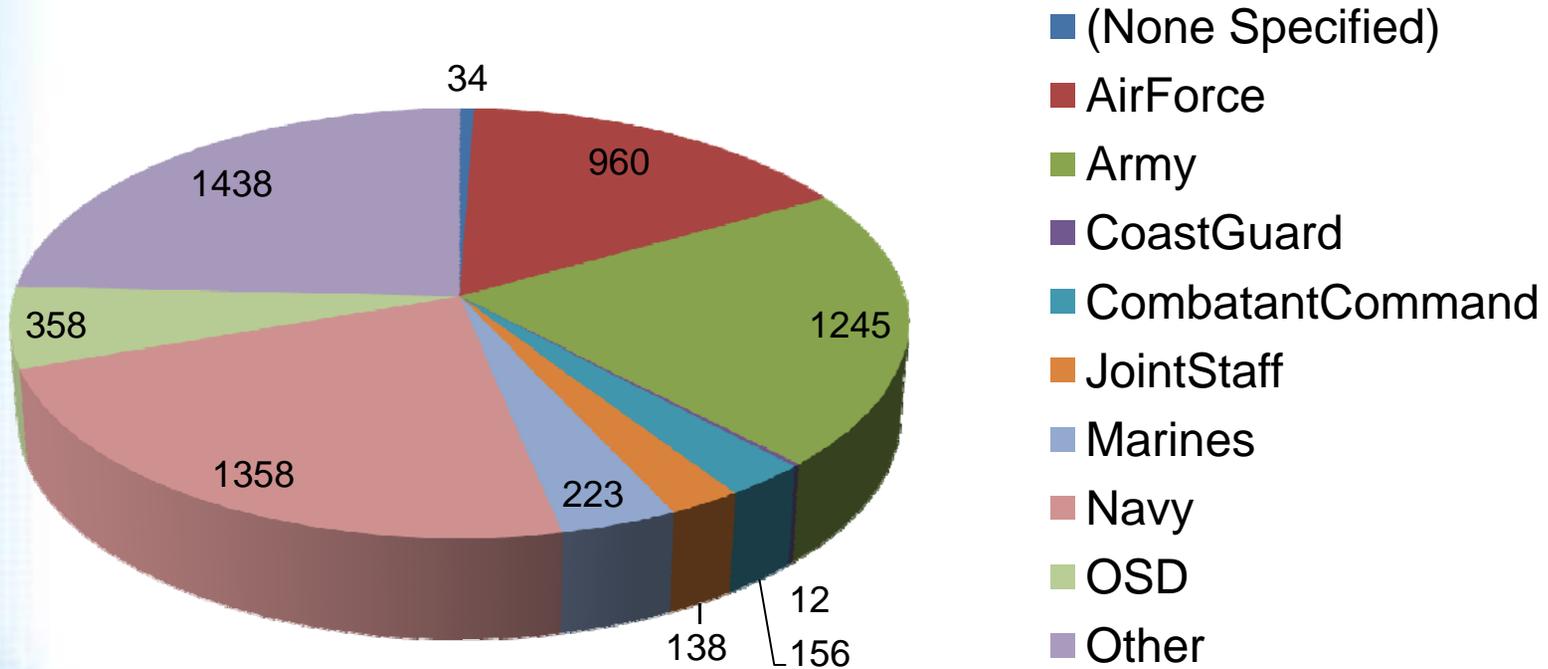
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DARS Users



Users By Service



Total users: 5922

APR 23, 2012



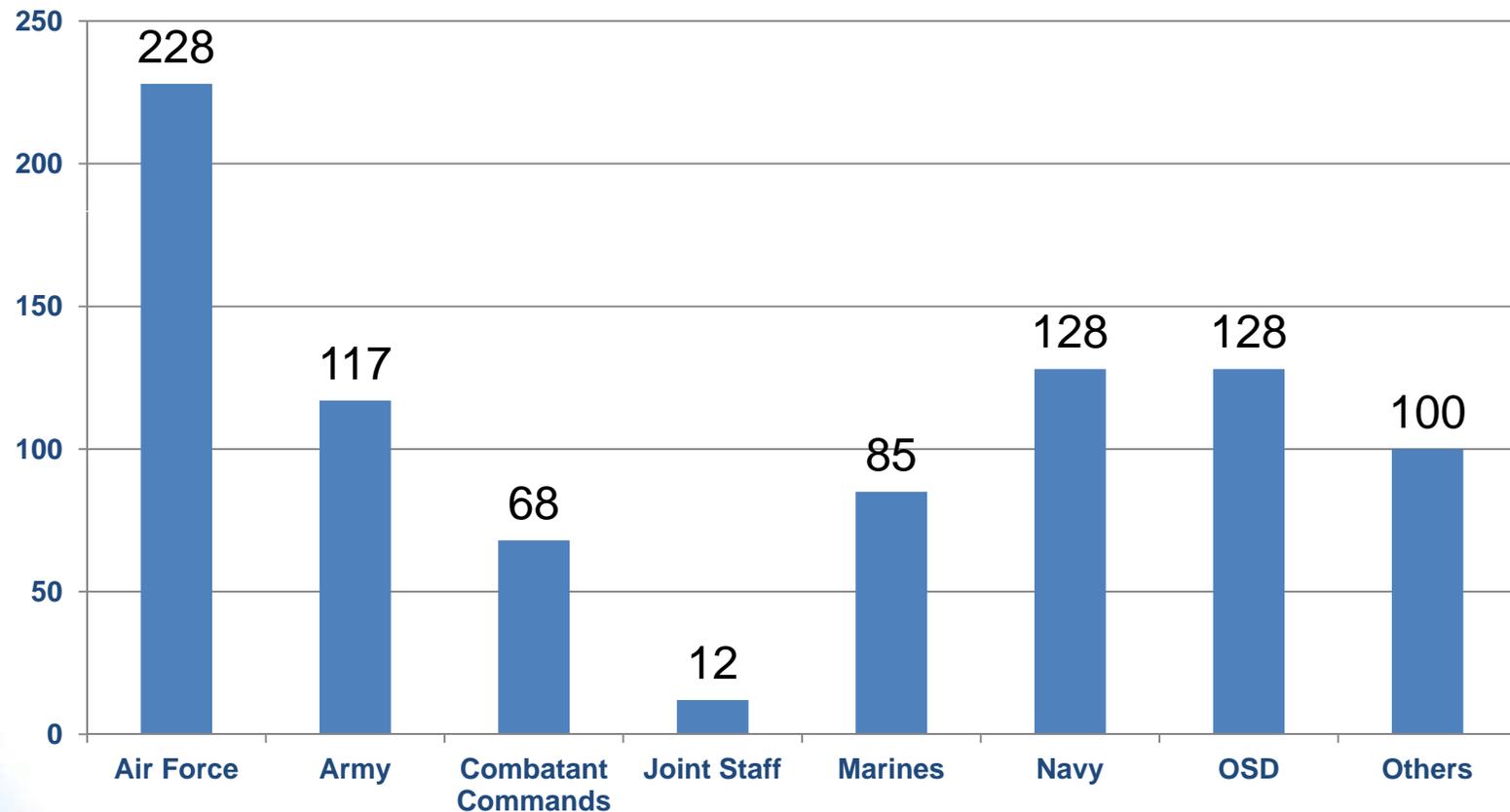
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AV-1 Registration in DARS

AV-1s by Service



As of April 23, 2012

Total: 866 – 32% increased



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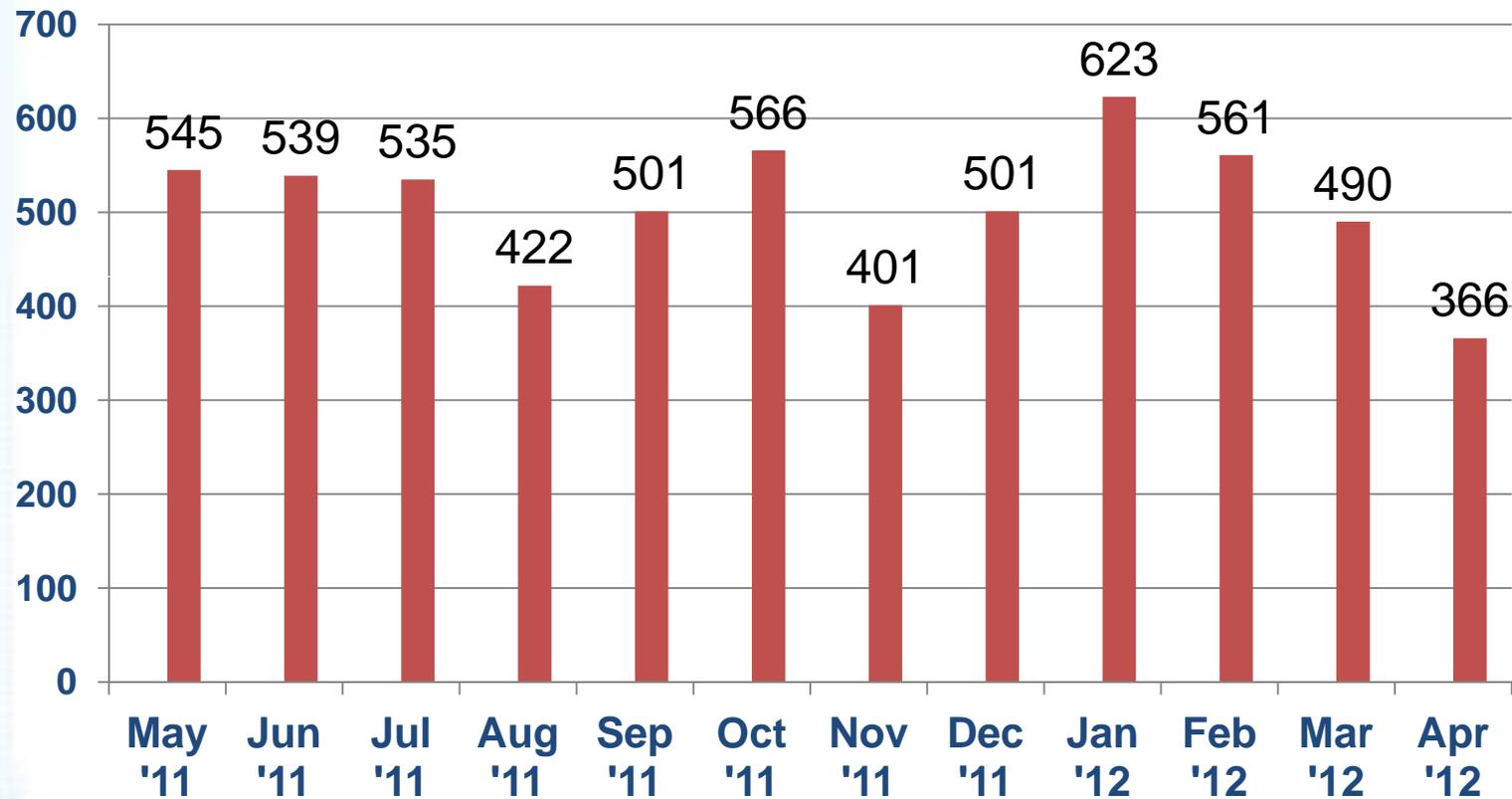
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DARS Logins May 2011 – Apr 2012

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DARS New Features Demo

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DARS Demostration



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- Overview
- Scorecard
- DoD IEA
- Web Services



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Wrap Up / Questions



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Back Up



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Supporting Information



DARS Program Management & Development POCs



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FY11 DARS Accomplishments



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FY11 DARS Summary Accomplishments



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Description	Scope	Status
Program Support	<ul style="list-style-type: none"> • Deployed DARS Release 5.6 in April 29 2011. This release included: <ul style="list-style-type: none"> • Migrate Community Management and Administration Features from the legacy DARS to the new DARS • Complete AV-1 Versioning and Revision capability. • Provide Documents Synchronization between Community and AV-1 browsers, and make AV-1 public by default for better visibility and accessibility to the architectures and architectures artifacts. • Deployed DARS Release 5.7 in September 30, 2011. This release included: <ul style="list-style-type: none"> • Complete DARS Scorecard Reports. • Complete AV-1 Web Services. • Prepared and Conducted IPR to DARS customer - 12/16/2010 • Prepared and Conducted 3 Quarterly DARS User Group and Vendor Industry Days meetings – Alexandria and Mc Lean VA - December 14-15 2010, March 15 2011, and June 14 2011 	Completed



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FY11 DARS Summary Accomplishments – Continued



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Description	Scope	Status
<p>Program Support</p>	<ul style="list-style-type: none"> • Presented, Conducted Training and Manned Exhibit at Annual EA Conference –Hampton Virginia – April 4-8 2011 • Prepared and Conducted Monthly Configuration Management Board meetings • Prepared Presentations for Monthly DARS FAC meetings • Contribute and Participate in Weekly DARS Management Working Group Meeting • Provided Help Desk and Customer Support during normal duty hours (7:00 AM to 5:30 PM) • Provided support for DARS BRAC Transition with no significant disruption in service to the DARS users community. <ul style="list-style-type: none"> • Migrated DARS SIPRNET to Aberdeen Proving Ground on March 2011. • Migrated DARS Production to COOP site in St. Louis, Mo on March 2011. • Migrated Development and UAT Servers to Aberdeen Proving Ground on May 2011. • Obtained DARS application CON (Certificate of Networkiness) on May 2011 	<p>Completed</p>



FY11 DARS Summary Accomplishments – Continued



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Description	Scope	Status
Program Support	<ul style="list-style-type: none">• Prepared and documented 2 project plans for the 2 releases deployed in FY11 This included:<ul style="list-style-type: none">• Prepared Requirements documents including traceability matrix,• Conducted and Documented risk assessment and mitigation plans• Performed and documented requirements work break down structure (wbs) and technical analysis,• Prepared use case documents and design documents• Conducted and documented code reviews,• Prepared and documented test plans and release and deployment notes• Followed established CECOM SEC best practices and CMMI guidelines for efficient management of the DARS project• All DARS project documents may be found at DARS SharePoint: https://epm2.sed.monmouth.army.mil/sites/DARS/default.aspx	Completed



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Frequently Asked Questions



How do I reset my Password?

- When the user forgets his/her password:
 - the user needs to provide his/her login name and answers to the 3 security questions that were selected by the user.
 - The user then enters a new password.
 - If the user doesn't remember the right answers, he/she will need to contact the DARS Administrator to reset the password.

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Community Membership?

- **When I get a DARS account, does it mean that I am a member of the community I mentioned in the request?**
- No. When the user requests a DARS account, it gets approved by the DARS Administrator and an account is created for the user.
- Initially the user is only a member of DoD community.
- The user must then request roles in individual communities which will get approved by the community administrator.



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What role should I have?

- There are 6 roles for each community. The user can request roles depending on what he/she is assigned to do.
- Refer to the [Community Roles Description Table](#)

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Why is my Role Request still pending?

- Community Administrator gets notified when the user sends a role request.
- If the community has no Admins or the Admin is no longer with the community, the request will remain pending.
- Before sending a role request:
 - Check if the community has Admins and Admins are still with the community.
 - Check with parent communities' Administrators when no Admin exists in the community

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How do I register an AV-1 and make it visible?

- Before registering an AV-1, the user needs to have a Producer role in the community.
- The user creates the AV-1 and saves it.
- The user can make more changes until it's final, then submits the AV-1.
- When the AV-1 is submitted, a notification email is sent to admins, sponsors and V&V examiners to verify the AV-1.
- After Verification, AV-1 is released to the community for public access.

(Refer to [AV-1 Submit and Approval Process Flow Chart](#))



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How do I delete a community?

- Before deleting a community, the user needs to have an Admin role.
- The user should save all needed documents, sub-communities and folders under the community to a temporary location.
- The user then chooses to delete the community.
- The DARS Administrator will be notified, will contact the user regarding the request and then perform the action. (*DARS Admin is the only one who can delete a community*).



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Community, User Role and Access Level



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DARS Communities - Overview



- **Establish control over visibility and accessibility of data**
 - Establish membership roles and access levels
 - Control visibility of content discovery metadata (i.e. who can see info about files inside shared folders)
 - Control access to data (i.e. who can open or download files inside shared folders)
- **Provide shared space for content management and collaboration**
 - Community content folders
 - Content configuration management
 - Automatic notifications of new postings
 - Comment tagging and threaded discussions



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User Roles



- **Subscriber** (default): Provides ability to browse and download documents, architectures and data, search content metadata, and submit discussion items within subscribed communities.
- **Producer** - Adds to the Subscriber role the ability to upload or register architectures or other documents.
- **Administrator**: Adds to the Subscriber role the ability to create and manage communities; grant or assign user roles, permissions, and access levels; release or delete documents; edit metadata; and create and associate architectures within and to the community. *Note: The Community Administrator receives automatic e-mail notifications whenever anyone requests a role in the community.*
- **Sponsor**: Same as the Administrator except the Community Sponsor does not receive automatic e-mail notifications for role requests.



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User Roles (cont.)



- **Approval Authority** – Provides ability to set/change approval status metadata
- **Data Configuration Manager** – Provides ability to set/change taxonomy versions and delegate authority for data configuration management to subordinate communities

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Access Levels

- **Private** – both content and content metadata are visible and accessible only to Community subscribers with *Private* access rights (applies to any role assigned in that Community).
- **Protected** – content is visible and accessible only to the community members with *Protected* or *Private* access rights, but content metadata is visible to all registered DARS users via the metadata search utility. *Note: this is the default when uploading files.*
- **Public** – both content and content metadata are visible and accessible to all registered DARS users. *Note: this is the default when granting user roles*
- **General Public** – both content and content metadata are searchable and accessible to the Internet general public.





DoD Architecture Registry System (DARS)

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