(U/FOUO) TURMOIL GALLANTWAVE

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(U/FOUO) VALIANTSURF: TURMOIL GALLANTWAVE

(U/FOUO) TURMOIL GALLANTWAVE

TURMOIL, a project under TURMOIL, is tasked with developing and implementing encryption technologies. Its mission is to ensure that the systems and networks maintained by the intelligence community are secure against threats from adversaries. The TURMOIL team works closely with other organizations to develop and implement advanced encryption technologies to protect sensitive information.

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GALLANTWAVE Detailed Description

GALLANTWAVE is a modular, lightweight, and flexible encryption solution designed for use in high-speed communication networks. It offers a high level of security and performance, making it suitable for use in a variety of environments.

Data Flow Diagrams

(U) Open GALLANTWAVE DRs

(U) Note: This table can be dynamically updated daily as new, two added. Changes are noted in CEGGallantwave DRs.

<table>
<thead>
<tr>
<th>DR Number (TL or TML)</th>
<th>Date Submitted</th>
<th>Description Version</th>
<th>Resolution/Status</th>
<th>Responsible component/project</th>
<th>TML version</th>
<th>Testing/Deployment notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-09-27 15:55:00</td>
<td>Submitted</td>
<td>XOS 1.3.7</td>
<td>XOS 1.3.7</td>
<td></td>
<td></td>
<td>Submitter:</td>
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(3) OLD GALLANTWAVE DRs

- see OLD GALLANTWAVE DRs for closed, resolved, rejected etc. DRs

Spin 12.2

- CW 3.1.3.1 uses UTF/Encoding String of State Target files to target.

(3) GALLANTWAVE and NetDef Brief

Spin 12.1

- FOCUS Features:
  - CW 3.1.2 uses KEYSIZE to target and has the SUBTEXTRC capability.
  - CW 3.1.3.0 uses Core KEYS and IPCProtector to target and works at both E and NET Def sizes.

Spin 22

Stories

- (FOCUS) Support GALLANTWAVE Deployments
- (GFOCUS) Prototype Stage 1: Baseline U13 TA36

(3) RFCs

<table>
<thead>
<tr>
<th>RFC Number (T1 or T0)?</th>
<th>Description</th>
<th>Related DRs</th>
<th>Resolution</th>
<th>Date Submitted</th>
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<tbody>
<tr>
<td>RFC1</td>
<td>Instructions to change targeting file</td>
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<td>RFC2</td>
<td>Instructions to change MRS Live targeting file</td>
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<td>week of 17 Jan 2012</td>
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Spin 21

Stories

GALLANTWAVE
- (GFOCUS) Baseline Deliverable
- (GFOCUS) Deliverable ETPA Servers to POLARISKEY

(3) Interagency pairing

(3) FOCUS GALLANTWAVE 2.0 Design

Accepted from:
Category: Wiki DRs

TIP SECRET: EKL to DS. FDR