AWIPS II Status Update

Unidata Policy Committee Meeting
14 May 2013

NOAA Center for Weather and Climate Prediction

College Park, Maryland
AWIPS II Beta Release

<table>
<thead>
<tr>
<th>package name</th>
<th>description</th>
<th>size</th>
<th>last modified</th>
</tr>
</thead>
<tbody>
<tr>
<td>awips2-upc_13.2.1.tar</td>
<td>UPC Release 13.2.1</td>
<td>3.7 GB</td>
<td>April 25, 2013</td>
</tr>
<tr>
<td>awips2.repo</td>
<td>yum repo file</td>
<td>100 B</td>
<td>March 11, 2013</td>
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The release tarball should be placed in `/awips2/repo`. When uncompressed the directory `/awips2/repo/awips2/` will be created.

AWIPS II Quick Install Guide

Last Updated April 25, 2013

1. Removing an existing AWIPS II Installation

for version 13.1.2 and older:

```
yum groupremove awips2-standalone -y
yum groupremove awips2-visualize -y
yum remove awips2-ldm -y
```

for version 13.2.1 and newer:

```
yum groupremove awips2-server -y
yum groupremove awips2-cave -y
```
Example

version received: awips2_OB13.2.1 (319 RPMs, 5.0 GB)

- installed on 10+ servers
- unable to decode nationwide NEXRAD3 feed
- LDM 6.8.1
- 5 step installation

version released: awips2-upc-13.2.1 (185 RPMs, 3.7 GB)

- 1 standalone server
- full NEXRAD3 decoding
- faster CONDUIT grib2 decoding
- LDM 6.11.2
- 1 step installation

Upcoming Releases

1. Initial operating capability of Data Delivery / OpenDAP, OB13.3.1 / June 2013
2. Upgrade to PostGres database and QPID, OB13.4.1 / August 2013
3. GEMPAK program read from AWIPS II database, OB13.5.1 / September 2013
5. Upgrade to 64-bit Server, OB14.4.1 / July 2014
Beta Test Impressions

Installation

- "Installation went fairly smoothly with only a couple of minor glitches"
- "So far things are going well, EDEX seems to get up and running without any hitches"
- "Initial impression from the last install was that it has progressed. Your work has made things a lot more usable"
- "Data seems to be coming in okay"
- "I'm happy to say that the 13.2.1 version is (mostly) doing fine"

CAVE Visualization

- "CAVE is incorrectly displaying strewn vector graphics over partially visible map backgrounds"
- "While trying to do a station plot, CAVE dies with errors"
- "I am still having difficulties getting CAVE installed and up and running"
- "I have access to CAVE, and it is a lot smoother than it was in earlier releases"
- "For the first time, CAVE loaded to completion without any error messages"

Concerns

- "How do you plan to deploy AWIPS II to a classroom environment?"
- "All of my systems are RHEL 64bit and there is no way I am installing RHEL 32bit on all of those systems"
- "The ingest logs are frighteningly large"
- "CAVE loads without errors, but takes a long time"
AWIPS II Training Workshops

For 2013, the GEMPAK/AWIPS II training workshop schedule is 2 days for GEMPAK with 1 day for AWIPS II. The AWIPS II portion will focus on:

- installation and configuration
- ingesting IDD data with the LDM
- managing postgres and HDF5 data storage
- using the D2D and NCP perspectives to view data

The workshop schedule will change after this year. The UPC will want to offer a more in-depth AWIPS II course that spans multiple days covering topics such as system administration, CAVE use, and plugin development.