

AWIPS II Topic of the Week -- Standardized Configuration for AWIPS II Testing (SCAT) Platform

All,

In the past, we discussed the National Core Local Application Development Team (NCLADT) who are responsible for writing, testing, and maintaining local application infrastructure code (javascript and python libraries and code snippets), with the goal of reducing programming errors and code duplication among migration programmers. Also, we discussed the Side-by-Side (SxS) testing configuration, which is a solution utilizing the legacy PX servers that will allow the sites to switch easily between AWIPS Migration and AWIPS I mode.

To better support both SxS testing and NCLADT Local Applications Migration (LAM) activities, SEC has developed the Standardized Configuration for AWIPS II Testing (SCAT) Platform. The SCAT Platform employs Linux firewalls to isolate the AWIPS Migration (AM) machines from the baseline AWIPS 1 hosts that will allow the sites to gradually readjust and eventually completely remove the iptables firewall from the AM machines, in order to test inter-site communication using the Messaging Handling System (MHS) when running the workstation in AWIPS I mode. Special thanks to the AWIPS Test Facility Manager and platform integrator James Williams (OST/SEC) and to the UFE Test Manager Robert Rood (OST/SEC) for their contributions. We're excited about the various testing activities and we look forward to the continued collaborations from the field. For more information about the AWIPS SCAT Platform and LAM, please go online to the AWIPS Tech Infusion website (http://www.nws.noaa.gov/ost/SEC/AE/Site_Migration.htm).

To join the mail list for these messages, please contact Fran Curnow at Frances.Curnow@noaa.gov.

Regards,

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