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PNSWSH

Service Change Notice 21-82 Updated
National Weather Service Headquarters Silver Spring MD
300 PM EST Tue Nov 23 2021

To: Subscribers:
           -NOAA Weather Wire Service
           -Emergency Managers Weather Information Network
           -NOAAPort
           Other NWS Partners, Users and Employees

From: Ben Kyger
           Director, NCEP Central Operations

Subject: Updated: Deployment of NWSChat Application to the Integrated
Dissemination Program: Effective December 7, 2021

Updated to reflect schedule changes in deployment date.

Effective December 7, 2021, beginning at 1500 Coordinated Universal Time
(UTC), the NWSChat application developed for use in the Integrated
Dissemination Program (IDP) will replace the NWSChat application
currently running in the legacy National Weather Service (NWS) Internet
Dissemination System (NIDS). The IDP environment will be maintained by
the National Centers for Environmental Prediction (NCEP) Central
Operations (NCO) group. In the event of a Critical Weather Day (CWD)
declaration, the deployment will proceed after the CWD has expired.

NWSChat is a communication and collaboration application targeted for NWS
users, emergency managers, water resource managers and members of the
electronic media. For information on NWSChat, please visit the web site
at: https://nwschat.weather.gov.

Known differences in the NWSChat application on IDP are:

  1) Ability to click and view NWS product Text/Valid Time Event Code
     (VTEC) details will remain, but product history will be limited to
     the last 7 days. (NWSChat Live and Extensible Messaging and Presence
     Protocol (XMPP)/Pidgin).

  2) Maps: Different look/source - Political boundaries, such as Tribal
     Boundaries, U.S. Counties, and U.S. States now use governmental
     sources for this content. (NWSChat Live, Local Storm Report (LSR)
     and Valid Time Event Code (VTEC).

  3) Satellite: Different source - Northern Hemisphere GOES Satellite
     composite data now generated and provided by the nowCoast Web
     Mapping Service.(NWSChat Live).

4) Radar: Different source - The third party sources of precipitation data and NEXRAD Radar data have been transitioned to the imagery provided by the IDP Geographic Information System (GIS) service. (NWSChat Live, Local Storm Report (LSR) and VTEC).

5) Online Tools > Chatroom Logs: Retrieval limited to the last 30 days.(NWSChat website).

Improvements include bug fixes for processing and display of product messages, better reliability and performance, and greatly reduced failover downtime between IDP sites.

For organizations accessing NWSChat behind restrictive firewalls, the IP addresses for the NWSChat service will be changing to the following: 140.172.138.242 and 140.90.98.242.

Prior to the final deployment on December 7, 2021, NCO will be running a 30-day stability test of IDP NWSChat from on or about October 15, 2021 through November 14, 2021 at https://nwschat-idp.weather.gov. During that time, it will be available to current NWSChat users to support stability testing; it is NOT to be used for actual operational/situational use.

Additionally, a 48-hour test will be performed on or around October 20, 2021 that will make IDP NWSChat the operational chat application for a period of 48 hours. During the switch overs, users will be disconnected for approximately 10 minutes and will have to log in again.

For additional information regarding the NWSChat Migration, please review the Service Description Document (SDD) at:

https://nws.weather.gov/products/PDD/SDD_NWSChat_IDP.pdf

Please provide comments or questions about these planned changes via email to:

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National Service Change Notices are online at:

https://www.weather.gov/notification/

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