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PNSWSH

Service Change Notice 21-01 Updated  
National Weather Service Headquarters Silver Spring MD  
120 PM EST Tue Feb 16 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: Implementation of IDP CAP Handler Application and  
Modification of CAP Version 1.2 Output: Effective February 24, 2021

Updated to reflect the effective date change from February 17 to February  
24, 2021.

Effective February 24, 2021 beginning at 1800 Coordinated Universal Time  
(UTC), the Common Access Protocol (CAP) Handler will replace the Hazards  
Collection (HazCollect) Legacy and HazCollect Extended applications with a  
single system. This system will be maintained by NCEP Central Operations  
(NCO) within the Integrated Dissemination Program (IDP). In the event of  
a Critical Weather Day (CWD) declaration, we will proceed with the upgrade  
after CWD is over.

As the replacement for HazCollect Legacy, CAP Handler will facilitate  
future operational improvements that are expected to increase use of NOAA  
Weather Radio (NWR) and other NWS systems for dissemination of Non-Weather  
Emergency Messages (NWEMs).

During this replacement, the National Weather Service will be making a  
change to the <identifier> element on CAP messages generated for watch,  
warning and advisory products.

Current format:  
NWS-IDP-PROD-nnnnnnnn-nnnnnnn where the 'n' represents a digit

New format: urn:oid:2.49.0.1.840.<hash>.nnn.n  
where the hash represents a unique 40 character hexadecimal hash string,  
and the 'n' represents a digit.

Example: urn:oid:2.49.0.1.840.0.000845e7eeb1b170d4907a5cb970cb7a7e4ee32a.  
001.1

The change to the identifier will be visible to consumers of National  
Weather Service CAP messages.

Users of the National Weather Service API will also see the new identifier  
when accessing the Alerts API (<https://api.weather.gov/alerts>), in the

'id' element.

Users of the National Weather Service CAP FTP Website:

<https://tgftp.nws.noaa.gov/SL.us008001/DF.xml/DC.cap/>

will see this change in both the CAP <identifier> element, as well as in the file naming structure. The portion of the current filename representing the NWS-IDP-PROD-nnnnnnnn-nnnnnnnn format will change to urn:oid:2.49.0.1.840.<hash>.nnn.n.

As part of NCEP's standard 30 day parallel testing, the new output products will be available here:

<ftp://tgftp.nws.noaa.gov/SL.us008001/DF.xml/DC.cap/cap.test/>  
<https://tgftp.nws.noaa.gov/SL.us008001/DF.xml/DC.cap/cap.test/>

Please direct questions, comments or requests regarding this implementation to the contacts below. We will review any feedback and decide whether to proceed.

For questions regarding the operating aspects, please contact:

Josh Huber  
NCEP/NCO  
College Park, MD  
[idp-support@noaa.gov](mailto:idp-support@noaa.gov)

For questions regarding the development or functional aspects, please contact:

Matt Davis  
Project Manager for CAP Handler  
Boulder, CO  
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National Service Change Notices are online at:

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

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