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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 and NOS partners and NWS and NOS 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 Feb 17 to Feb  
24, 2021.

Effective February 24, 2021 beginning at 18Z 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 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-nnnnnnn-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

[idsupport@noaa.gov](mailto:idsupport@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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NWS National Service Change Notices are online at:

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

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