Service Change Notice 21-01 Updated
National Weather Service Headquarters Silver Spring MD
210 PM EST Wed Jan 20 2020

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 17, 2021

Updated to add in additional information about the dissemination
of Non-Weather Emergency Messages.

Effective February 17, 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 NWS 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-nnnnnnnn
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 in the 'id' element: https://api.weather.gov/alerts

Users of the NWS 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-nnnnnnn-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/

Any questions, comments or requests regarding this implementation should be directed 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

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/