NOUS41 KWBC 161920 AAC
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-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-nnnnnnn-nnnnnnn 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

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

Matt Davis
Project Manager for CAP Handler
Boulder, CO
matt.w.davis@noaa.gov

National Service Change Notices are online at:

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

NNNN