

NOUS41 KWBC 121505 AAA
PNSWSH

Service Change Notice 21-01 Updated
National Weather Service Headquarters Silver Spring MD
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To: Subscribers:
 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
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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 change effective date to February 17, 2021.

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 upgrade as soon as possible after the CWD.

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-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 NWS users of CAP messages.

Users of the NWS 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 will see this change in both the CAP <identifier> element, as well as in the file naming structure.

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

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, users can find the new output products at:

<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

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NWS National Service Change Notices are online at:

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

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