

Updating Certificate Authority Files For DASDEC™/ One-Net™ EAS/CAP Devices

The One-Net and DASDEC EAS/CAP devices can use a unique digital certificate provided by FEMA to validate the authenticity of IPAWS-sourced CAP alerts. These certificates are designed to expire at a specific date and time, requiring the issuing authority to issue new certificates from time to time.

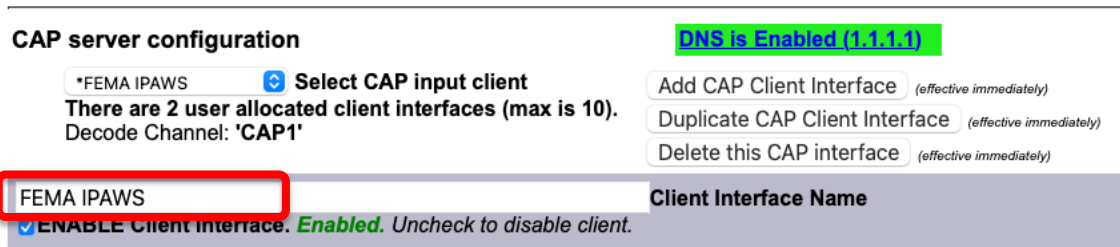
The current FEMA certificate will be expiring on April 14, 2024. FEMA recently issued a newer certificate, meaning IPAWS users should update their equipment before the April 14, 2024 expiration date. Not updating the certificate may result in the error message:

“Event Log:Digital Signature VERIFICATION ERROR : Signer UNTRUSTED! Check for correct CAP decoder CA file.,” or not processing valid IPAWS alerts.

To update and change the Certificate Authority (CA) file within the EAS device (One-Net or DASDEC):

*IMPORTANT NOTE for **Firefox Users**: The link in Step 1. below has been tested and works correctly with Firefox V89.0.2.*

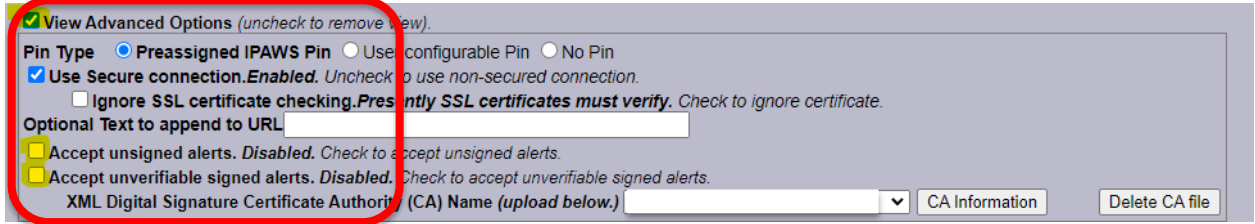
1. Download the current certificate authority file **IPAWS_Valid-until-03-05-2031.crt** from our website here: www.eas-systems.com/IPAWS_Valid-until-03-05-2031.crt
NOTE: This certificate expires on March 5, 2031. Before that date, FEMA will issue a replacement.
2. Navigate to the **Setup > Net Alerts > CAP Decode** screen
3. Select the CAP configuration for IPAWS from the **Select CAP input client** pull-down menu.
(Note: The name may differ from the one shown below.)



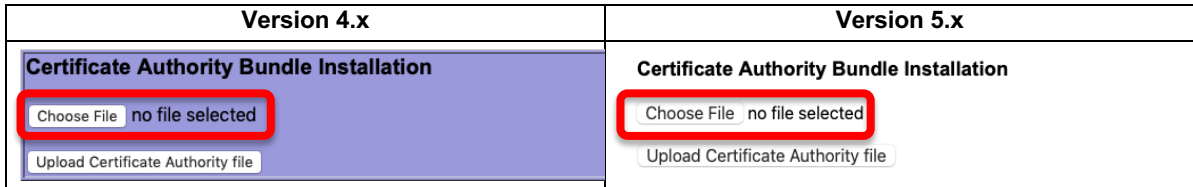
The screenshot shows the 'CAP server configuration' interface. At the top right, a green box indicates 'DNS is Enabled (1.1.1.1)'. Below this, there is a dropdown menu for '*FEMA IPAWS' and a 'Select CAP input client' button. A message states 'There are 2 user allocated client interfaces (max is 10). Decode Channel: 'CAP1''. To the right are three buttons: 'Add CAP Client Interface (effective immediately)', 'Duplicate CAP Client Interface (effective immediately)', and 'Delete this CAP interface (effective immediately)'. At the bottom, a table lists client interfaces. The first entry is 'FEMA IPAWS', which is highlighted with a red box. Below the table, there is a checkbox for 'ENABLE Client interface' which is checked, followed by the text 'Enabled. Uncheck to disable client.'

(continues on next page)

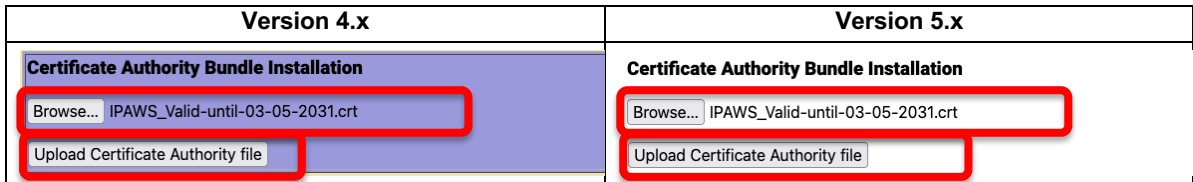
- Scroll down and enable the **View Advanced Options** check box. The advanced options will appear.



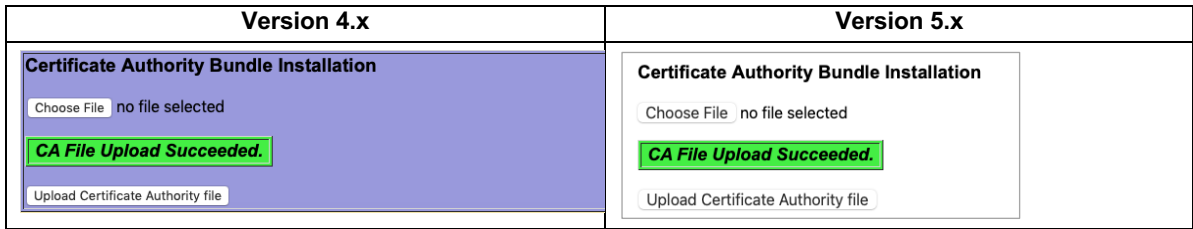
- Scroll to the bottom of the page to find the appropriate installation dialog box, as shown below:



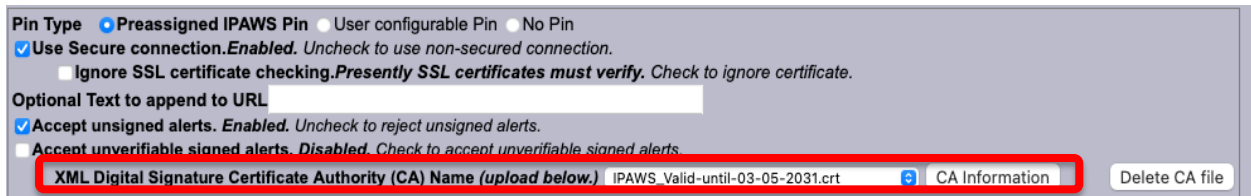
- Click **Choose File** and select the recently downloaded file: **IPAWS_Valid-until-03-05-2031.crt**
- Click **Open**. The screen should now appear as shown below



- Click **Upload Certificate Authority file** button. When the file is successfully installed the screen will display...



- Scroll back up the page and in the **View Advanced Options** area locate the **XML Digital Signature Certificate Authority (CA) Name** then, using the pull-down menu, choose the **"IPAWS_Valid-until-03-05-2031.crt"** selection as shown below.



- Click the **Accept Changes** button at the bottom of the screen.



END