

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

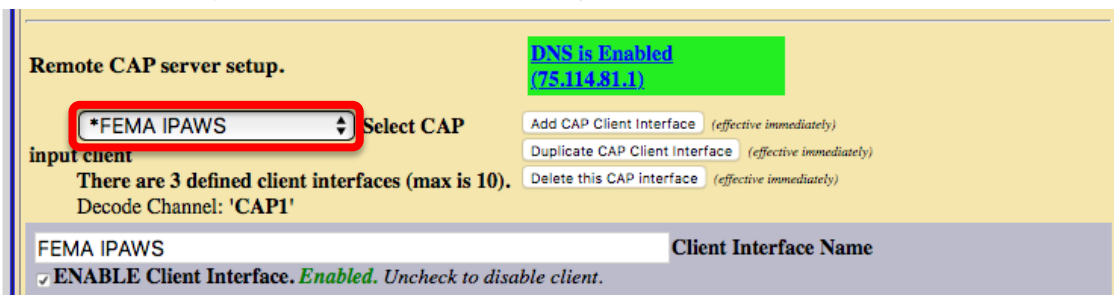
The One-Net and DASDEC EAS/CAP devices can use a special digital certificate provided by FEMA to validate the authenticity of IPAWS sourced CAP alerts. These certificates are designed to expire at a specific date and time, requiring the issuing authority to issue new certificates from time to time.

The current FEMA certificate will be expiring on August 21, 2021. FEMA recently issued a newer certificate which means IPAWS users should update their equipment before the August 21, 2021 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-04-14-2024.crt from here: http://www.digitalalertsystems.com/download/IPAWS_Valid-until-04-14-2024.crt
NOTE: This certificate expires on April 14, 2024. Prior to 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.)



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- 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:

Version 3.x	Version 4.x
<p>Upload Certificate Authority file to DASDEC Server.</p> <p>Choose File no file selected</p> <p>Upload Certificate Authority file</p>	<p>Certificate Authority Bundle Installation</p> <p>Choose File no file selected</p> <p>Upload Certificate Authority file</p>

- Click **Choose File** and select the recently downloaded file: **IPAWS_Valid-until-04-14-2024.crt**
- Click **Open**. The screen should now appear as shown below

Version 3.x	Version 4.x
<p>Upload Certificate Authority file to One-Net Server.</p> <p>Choose File IPAWS_Valid-un...04-14-2024.crt</p> <p>Upload Certificate Authority file</p>	<p>Certificate Authority Bundle Installation</p> <p>Choose File IPAWS_Valid-un...04-14-2024.crt</p> <p>Upload Certificate Authority file</p>

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

Version 3.x	Version 4.x
<p>Upload Certificate Authority file to DASDEC Server.</p> <p>Choose File no file selected</p> <p>CA File Upload Succeeded.</p> <p>Upload Certificate Authority file</p>	<p>Certificate Authority Bundle Installation</p> <p>Choose File no file selected</p> <p>CA File Upload Succeeded.</p> <p>Upload Certificate Authority file</p>

- 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-04-14-2024.crt"** selection as shown below.

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

END