



DADDS Training

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Letecia Reeves, NOAA, Letecia.Reeves@noaa.gov

Matthew Ceanfaglione, Microcom, mattc@microcomdesign.com

DCS Website - New Features



- **Field Test**
 - Platform data is available outside of the user login.
- **Netlist Filters**
 - Create custom filters from existing netlist files or a filter.
- **Forgotten Password**
 - An additional way to reset an account password.

Field Test

- Created to help technicians in the field quickly check the status of a platform.
- Returns historical message data and platform information.
- Accessible via a link located on the DCS website login page or by browsing directly to <https://dcs1.noaa.gov/Account/FieldTest>.

Field Test Form

- The form requires two inputs :
 - Platform's DCP address
 - Number of hours to look back
- Clicking the 'RETRIEVE' button submits a query to the server.
- The query has two outputs :
 - Platform channel & timing info
 - Table based view of any message data found.

PLATFORM FIELD TEST

DCP ADDRESS (**REQUIRED**)

[DCP ADDRESS]

GO BACK [X] HOURS

RETRIEVE

PLATFORM FIELD TEST

DCP ADDRESS (**REQUIRED**)

FD0008B8

GO BACK [12] HOURS

RETRIEVE

Netlist Filter

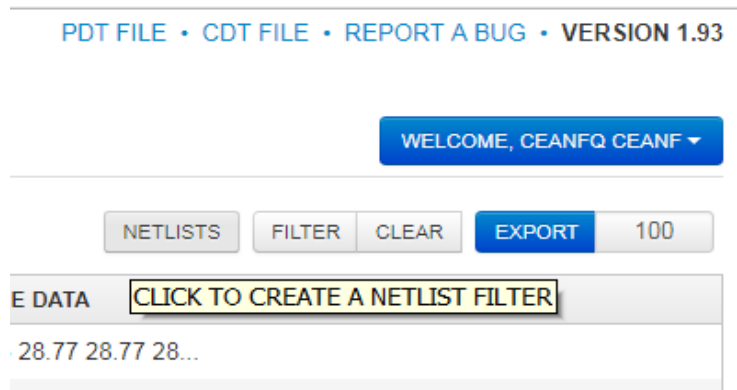
- A netlist filter is a type of message data filter created from a standard CSV file, an LRGS netlist file or a platform filter.
- They contain two query parameters :
 - One or more platform addresses to filter on
 - How far back to look for the message data
- Stored in the database for future use, and accessed using existing saved filter controls.

Netlist Files

- LRGs '.nl' Files
 - Used by an LRGs client to determine what platforms it needs to retrieve data for.
 - Many users already have LRGs .nl files that define only the platforms for their organization.
- CSV Files
 - Comma Separated Value; An additional file format for users not familiar with LRGs netlist files.
 - Contains a comma separated string of platform addresses to be included in the website netlist filter.

Netlist Dialog

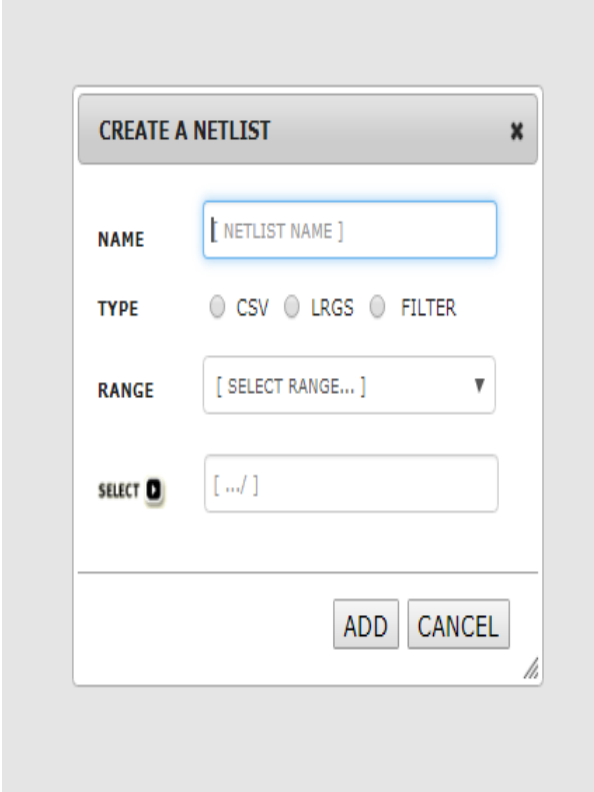
- Netlist buttons are located to the left of the filter button on the 'Messages' and 'Platforms' website tabs.



- Clicking a netlist button opens a dialog window used to create a netlist filter from an uploaded file or an applied platform filter.

Netlist Dialog

- The netlist dialog has 4 fields :
 - Name for the netlist filter.
 - Type of netlist filter being created; CSV, LRGS or an applied filter.
 - Time range to determine how far the netlist filter looks back for data (from 1 hour to 30 days).
 - File upload control to select a netlist file for the CSV and LRGS types.



The screenshot shows a dialog box titled "CREATE A NETLIST" with a close button (X) in the top right corner. The dialog contains four main sections:

- NAME:** A text input field containing "[NETLIST NAME]".
- TYPE:** Three radio button options: "CSV", "LRGS", and "FILTER".
- RANGE:** A dropdown menu with the text "[SELECT RANGE...]" and a downward arrow.
- SELECT:** A text input field containing "[.../]" and a small circular icon to its left.

At the bottom right of the dialog, there are two buttons: "ADD" and "CANCEL". A small icon is visible in the bottom right corner of the dialog's frame.

Creating Netlist Filters

- Perform the following steps to create a netlist filter from a platform filter :
 - Create a filter with condition specifics such as group codes or individual platform addresses on the platforms tab.
 - Open the netlist filter dialog window.
 - Enter a friendly name in the 'Name' text box.
 - Select the 'Filter' option in the 'Type' radio group.
 - Select a look back period using the 'Frame' drop down list.
 - Click the 'Add' button to submit and save the netlist filter.

Creating Netlist Filters

- Perform the following steps to create a netlist filter from a CSV or LRGS netlist file :
 - Open the netlist filter dialog window by clicking the 'Netlist' button on the messages or platforms tabs.
 - Enter a friendly name for the netlist filter.
 - Select the 'CSV' or 'LRGS' option in the 'Type' radio group depending on what file type is being used.
 - Select a look back period using the 'Frame' drop down list.
 - Click the 'Select' button to open the file browser, and select the CSV or LRGS file to be uploaded.
 - Click the 'Add' button to submit and save the netlist filter.

Loading Netlist Filters



NETLISTS & VIEWS		DEFAULT VIEW					
		DEFAULT VIEW					
		[VIEW] SURINM FILTER					
		[NETLIST] TEST NETLIST [3HOUR]					
	ADDRESS				AL	NOISE	QUALITY
▶	456119F2	QNRCAN	71	300	50.3	2.2	100.0
▶	34230636	BURPNW	36	300	50.1	1.5	100.0
▶	ABA20434	APACBR	47	300	41.5	3.9	96.9

- Netlist filters are treated as a type of saved ‘View’ (filter).
- They are loaded into the ‘Netlists & Views’ drop down list located on the messages tab, and have the following text
 - Header text ‘[NETLIST]’ before the friendly name.
 - Footer text specifying the range, for example ‘[3HOUR]’.
- To load a netlist filter, simply select the desired option from the drop down list.
- The website will submit a query to the database and apply the netlist filter to the message data.

Forgotten Password

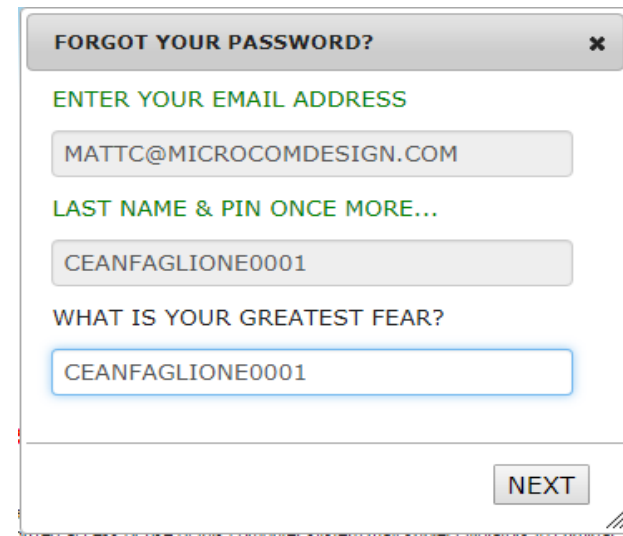
- As a result of new, urgent, IT security directives from NOAA, two significant changes were made to the password reset mechanism.
 - Security questions containing personal identifying information, or PII, were replaced.
 - Security question answers are now stored in the database as encrypted text.

Forgotten Password

- The changes to the forgotten password feature would prevent users with security questions containing PII from resetting their password.
- Many users had security questions containing PII that were no longer in the system.
- As a result, a new way of resetting an account password needed to be implemented to help these users.

Forgotten Password

- To mitigate any potential user issues an additional mechanism to reset an account password was put in place.
- Users can now initiate the password reset process by entering their last name plus their 4 digit pin code in both security answer fields.
 - For example, 'Roberts1234' would be entered for a user whose last name is 'Roberts' and pin code is '1234'.



The screenshot shows a web form titled "FORGOT YOUR PASSWORD?". It contains three input fields and a "NEXT" button. The first field is labeled "ENTER YOUR EMAIL ADDRESS" and contains the text "MATTC@MICROCOMDESIGN.COM". The second field is labeled "LAST NAME & PIN ONCE MORE..." and contains the text "CEANFAGLIONE0001". The third field is labeled "WHAT IS YOUR GREATEST FEAR?" and also contains the text "CEANFAGLIONE0001". The "NEXT" button is located at the bottom right of the form.

Creating Batch files for PDT Updates

```
UPDATE PDT 1234ABCD &  
OWNER_ID = TESTID &  
COUNTRY_STATE_PROV = USMD &  
LOC_NAME = "NEVERSHINE" &  
LATITUDE = 352722 &  
LONGITUDE = -1152326 &  
CATEGORY = L &  
SHEF_CODE1 = PC &  
SHEF_CODE2 = US &  
MANUFACTR_ID = FTS &  
MODEL_NO = TX312 &  
SEASON_ID = N &  
DATE_DEPLOY = 20170831 &  
PMAINT_EMAIL = "Letecia.Reeves@noaa.gov"  
END
```

Batch files can contain as many updates as is needed. They should begin with UPD or UPDATE PDT 1234ABCD & and end with END.

Delete any lines that are not needed. A batch can be as small as...

```
UPD PDT 1234ABCD &  
LOC_NAME = "NEVERSHINE" &  
END
```