



DR Hub Web Services Update

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January 27, 2017

- What's New with Web Services?

Search Locations: We added new search options to use when retrieving locations.

- Zone : Include one or more zones to search. Separated by a comma e.g. PPL,BGE
- EDC Account Number : Use Exact # or as a Contains
- Last Modified Date : Search for Locations modified since parameter date

- What's New with Web Services?

Search Registrations: We added a new search option to use when retrieving registrations.

- Last Modified Date : Search for Registrations modified since parameter date.

For a full list of web service options, take a look at the “Command Line Interface User Guide” on the [DR Hub Home](#) page.

- Impact of Changes

The new search options create two small changes to the existing DR Hub XSD. For most the impact will be negligible. If you've been developing web services and are tracking elements by type and number, the impact of the change should be verified.

```
<xs:complexType name="registrationSummaryType"> "and" <xs:complexType name="locationSummaryInfoType">  
  <xs:sequence>  
    .... <xs:element name="lastModifiedDate" type="xs:dateTime" minOccurs="0"/>  
  </xs:sequence>  
</xs:complexType>
```

- More Web Services Updates
 - Response Messages : We improved the feedback of messages you receive when making DR Hub REST requests. Our goal is to make debugging faster and your ability to communicate issues with use easier.
 - Should you encounter a particularly ambiguous response message which is also in an area of high impact, please report it to DRHubSupport@pjm.com

- What's New with Event Polling?

Reminder: Per Manual 01, section 1.9., “A CSP must maintain communication link and continuously check for dispatch instructions and event notifications and provide PJM an acknowledgment for receipt of each dispatch instruction and notification.”

Approaches to Polling:

Custom – REST calls are made to our server in one minute intervals. Design and event types selected are determined by the CSP.

- Provides the greatest level of flexibility and integration.
- Development time varies based on customer needs.

- Event Polling – An Alternate Approach

Generic – PJM provides a simple Java based client which can be used in place of a custom solution for event polling. While unsupported, it is easy to use and beneficial to smaller enterprises.

Setup is easy and very similar to the client provided for eLRS today. Event Types and Intervals may be customized.

Not an Option : Doing nothing. Changing your current eLRS polling implementation to DR Hub will be required on the first day of production. Investigate Today!

- More on Event Polling

For more details on getting started with generic event polling, take a look at the “Unsupported Generic Polling Client” information on the [DR Hub Home](#) page.



Questions?