Load Start/Stop Instruction

Wednesday, May 27, 2015

12:32 PM

You may query for a Start or Stop instruction using the query documented below. The query requests all resource Start and Stop instructions issued since the specified time (or, if no time specified, the most recently issued instruction is returned).

Only notifications less than historical retention period of the market database may be queried.

***Query***

<QueryRequest>

<QueryResourceStartStop>

<LocationName>xxx</LocationName>

<Since>yyyy-mm-ddThh:mm:ss</Since>

</QueryStartStop>

</QueryRequest>

***Outputs***

Report file is saved to the auditpath directory and displayed on the Dispatch UI.

<QueryResponse>

<ResourceStart location="xxx" interval="yyyy-mm-ddThh:mm:ss" timestamp="yyyy-mmddThh:mm:ss" deploystatus="xxx"/>

<ResourceStop location="xxx" interval="yyyy-mm-ddThh:mm:ss" timestamp="yyyy-mmddThh:mm:ss">

</QueryResponse>

***Load Process***

Each instruction is stored in the MC\_GENCOMMITMENT table to be displayed on the Dispatches UI.

A record is loaded per each unique Participant, Transaction Point (location), Source, and Start Dt

***MC\_GENCOMMITMENT Mapping :***

|  |  |  |
| --- | --- | --- |
| **Name** | **Description** | **Source** |
| GENCOMMITMENT\_ID | Generation Commitment Information Identifier: A number generated from a sequence, which uniquely identifies a generation commitment information record. |  |
| PTCPT\_ID | Participant Identifier: A number, generated from a sequence, which uniquely identifies a participant. | party |
| XP\_ID | Transaction Point Identifier: The nMarket identifier for a transaction point. Valid values are stored in the table X\_XP\_MASTER. | location |
| START\_DT | Start Date: The start date and time of the data. All dates within nMarket are in GMT. | interval |
| SOURCE\_CD | Source Code: A code that indicates the source of the record. | ISO |
| PRODUCT\_ID | Product Identifier: An identifier that indicates the product or type of the Dispatch record. Valid entries are in MC\_DISPATCH\_PRODUCT\_TYPE. | 5 - ResourceStart  6 - ResourceStop |
| DEPLOY\_STATUS | Deploy Status: DRR-1 resources that are deployed online. | DeployStatus |
| EXT\_ID | External Identifier: The identifier assigned by the initiator of the operation is echoed back in the response. |  |
| USER\_COMMENTS | User Comments: User Comments. |  |
| USER\_ID | User Identifier: The user that added or updated this record. |  |
| REVISED\_DT | Revised Date: The date and time when the record was added or updated. All dates within nMarket are stored in GMT. |  |

***Examples***

<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<env:Header/>

<env:Body>

<QueryResponse xmlns="http://markets.midwestiso.org/dart/xml" party="Test Generation Company">

<ResourceStart location="TESTAGG" interval="2012-12-20T01:00:00" deploystatus="online" timestamp="2012-12-20T11:00:00"/>

</QueryResponse>

</env:Body>

</env:Envelope>

***Error Handling***

* Invalid Participant. Skip record.
  + *No participant exists in the nMarket Database for the party name = <party>.*
* Invalid Transaction Point. Skip record.
  + *No transaction point exists in the nMarket Database for the location name = <location>.*
* Invalid Date
  + *Invalid date passed from the file <interval> is not a valid value.*