

OADR VTN API Requests & Responses

2015-09-17

General Response Body Structure

<pre># Success { "response": { "status": { "code": "success", "http_code": 200, "error_message": null }, "result": <JSON_OBJECT> } }</pre>	
<pre># Failure { "response": { "status": { "code": "failure", "http_code": 500, "error_message": <ERROR_MESSAGE_STRING> }, "result": null } }</pre>	

Available Requests

Create Event

Method: POST
URL: /api/manage_event/create
Request Body (JSON):

<pre>{ "dtstart_str": "2015-09-17 12:30:00", "market_context": "TestMarketContext", "duration": 5, "priority": 1, "response_required_type": "always", "signal_name": "simple", "signal_type": "delta", "group": "TestGroup", "payload": "1.0" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "event_id": "4b2c013ff071a2504e40" }</pre>	
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Publish Event

Method: POST
URL: /api/manage_event/publish
Request Body (JSON):

<pre>{ "event_id": "4b2c013ff071a2504e40" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "published": true }</pre>	
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Create Schedule

Method: POST
URL: /api/manage_event/create_schedule
Request Body (JSON):

<pre>{ "start_date": "2015-10-01", "end_date": "2015-10-31", "start_time_str": "14:30", "signal_name": "simple", "signal_type": "delta", "payload": "1.6", "targets": [{ "type": "group", "identifier": "TestGroup" }, { "type": "ven", "identifier": "9b7b7e91ccf7244455c3" }], "event": { "duration": 45, "market_context": "TestMarketContext", "priority": 1, "response_required_type": "always" } }</pre>	
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Response Body Result Object (JSON):

<pre>{ "event_id": "627268ec736c8ebe302b" }</pre>	
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Get Event Info

Method: POST
URL: /api/manage_event/info
Request Body (JSON):

<pre>{ "event_id": "4b2c013ff071a2504e40" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "event": { "event_id": "4b2c013ff071a2504e40", "modification_number": 1, "priority": 1, "test_event": "false", "vtn_comment": null, "dtstart": "2015-09-17T12:30:00Z", "duration": 5, "tolerance": 0, "ei_notification": 0, "ei_rampup": 0, "ei_recovery": 0, "created_at": "2015-09-17T15:52:09Z", "updated_at": "2015-09-17T15:53:11Z", "template": null, "published": true, "market_context": "TestMarketContext", "event_status": "far", "response_required_type": "always" } }</pre>	
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Get VEN VenID

Method: POST
URL: /api/manage_ven/ven_id
Request Body (JSON):

<pre>{ "ven": "TestVEN" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "ven_id": "9b7b7e91ccf7244455c3" }</pre>	
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Get VEN Status

Method: POST
URL: /api/manage_ven/status
Request Body (JSON):

<pre>{ "ven_id": "9b7b7e91ccf7244455c3" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "status": "offline" }</pre>	
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Get VEN LastCommTime

Method: POST
URL: /api/manage_ven/last_comm_time
Request Body (JSON):

<pre>{ "ven_id": "9b7b7e91ccf7244455c3" }</pre>	
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Response Body Result Object (JSON):

<pre>{ "last_comm_time": "2015-09-15T21:11:56Z" }</pre>	
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