# Server API Reference

## Current

### /event

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| --- | --- | --- |
| **POST /event** | | |
| Trigger a user-defined event. | | |
| Required headers | | |
| Content-Type | application/json | |
| Request body | | |
| {  "sid": session-id::String,  "name": event-name::String,  "value": event-value::String,  "createDate": event-create-date::Number ? NOW,  "parameters": event-parameters::Object ?  } | | |
| session-id | | Current variant session ID. |
| event-name | | The name of the event. Any string. |
| event-value | | Value of the event. Any string. |
| event-create-date | | Event creation date, as Epoch time. Optional. If not given, defaults to now. |
| event-parameters | | A map of event parameters. Optional. |
| Response body | | |
| None | | |
| Response codes | | |
| 200 OK | | Event triggered. |
| 400 BAD\_REQUEST | | Invalid request body. One of a number of user errors were detected in the request body, e.g. a missing required parameter. An additional message will be provided in the HTTP Status header. |
| 403 FORBIDDEN | | Invalid session ID. The session ID provided is not known. |

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### /session

|  |  |
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| **POST /session/{id}** | |
| Create or update an existing user session. | |
| Required headers | |
| Content-Type | application/json |
| Request body | |
| { "sid": session-id::String, "ts": timestamp::Number, "schid": schema-id::String, "req": request-def::Object ?, "states": [ { "state": state-name::String, "count": visit-count::Number, }, ... ], "tests": [ { "test": test-name::String, "qual": is-qualified::Boolean }, ... ] }  Where request-def is the most recent state request object associated with this session:  { "state": state-name::String, "status": status::String, "comm": is-commited::Boolean, "params": [ { "key": param-name::String, "val": param-value::String }, ... ], "exps": experience-list::List[String] } | |
| session-id | Current variant session ID. |
| timestamp | Session creation timestamp, as the Unix Epoch time, i.e. the number of milliseconds since January 1, 1970, 00:00:00 GMT |
| schema-id | Variant schema ID in effect when this session was created. |
| state-name | The name of a visited state. |
| visit-count | Number of times this state has been visited by this session. |
| test-name | The name of a traversed test. |
| is-qualified | Is this session qualified for this test. |
| Response codes | |
| 200 OK | Session created. |
| 400 BAD\_REQUEST | Invalid request body. One of a number of user errors were detected in the request body. An additional message will be provided in the HTTP Status header. |

## Future