



Event Manager API

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API

Verb	Path	Description
GET	/sem/authorize	Send authorization to SEM

Request:

Body content (xml access request)

Response:

Status code: 201

Headers:

"Location"

"X-Sec-Event-Access-MAC"

"X-Sec-Event-Access-Token"

"X-Sec-Event-Access-Digest"

Other status code: 204 No content

400, if the request body is not compliant with the XML schema

403, in the request has been denied

409, if the request has been already submitted

500, if an internal error has occurred while fulfilling the request.

503 Service unavailable

"Location"=url with the sessionId

Verb	Path	Description
GET	/sem/session	Open session from SEM

Request:

Headers:

"Location"

"X-Sec-Event-Access-MAC"

"X-Sec-Event-Access-Token"

"X-Sec-Event-Access-Digest"

Response:

Status code: 302

Headers:

"LocationWS"

"Expires"

Other status code: 403, if the headers X-Sec-Event-Access-* does not identify any authorized session

410, when the session expires

500, if an internal error occurred

503 Service unavailable

"Location"=url with the channelId for publish



Verb	Path	Description
GET	/sem/publish	Publish event to SEM

Request:

Headers:

"LocationWS"

"Sec-Websocket-Protocol"

"app-ID"

"payload"

"pattern"

Response:

Status code: 302

Other status code: 500, if an internal error occurred, error to open websocket,
protocol not fulfilled, malformed message

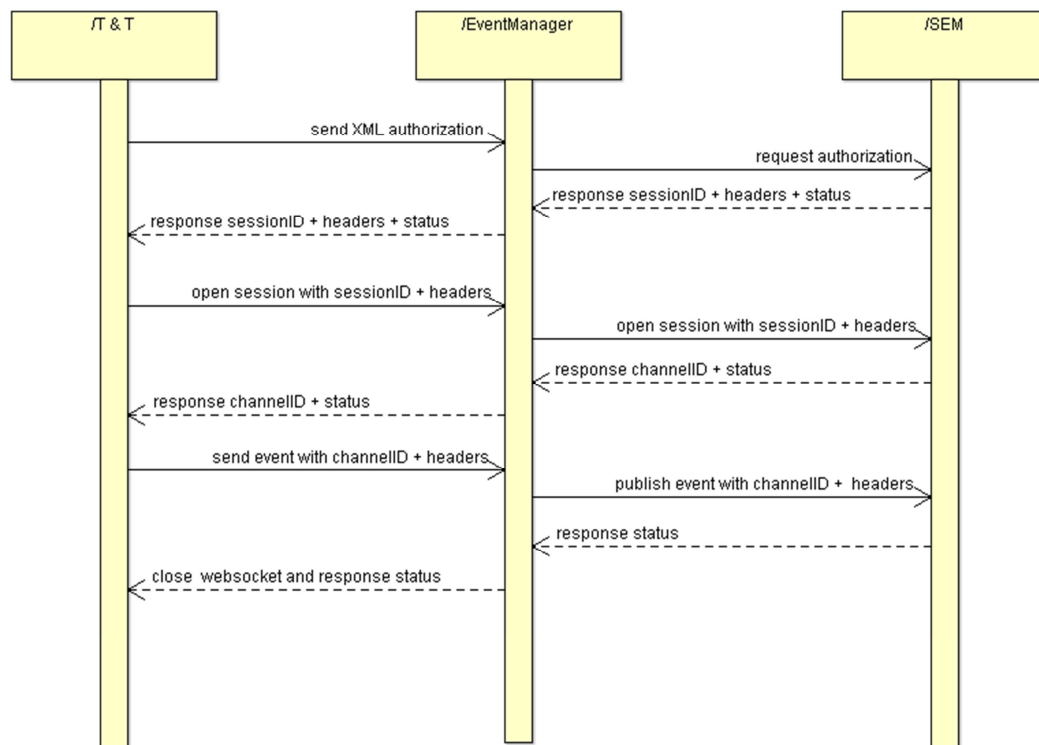
503 Service unavailable

"LocationWS"=url with the channelID

"Sec-Websocket-Protocol"="seap"

"app-ID"=String to identify the source

"payload"=String whit the event to send



Sequence Diagram with the process of authorization, open session and publish event