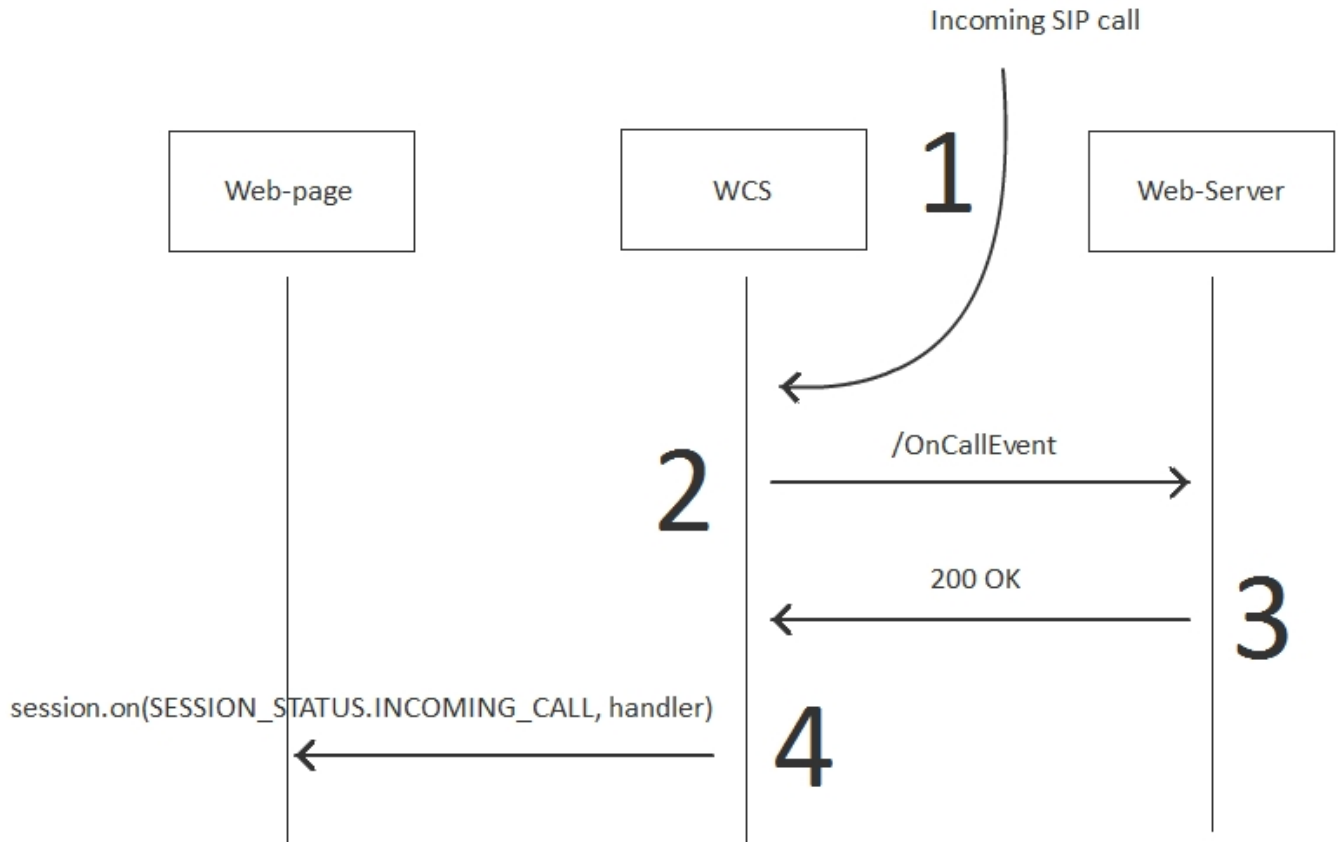


# Type 4 - the incoming call

- [Scheme of work](#)
- [Error handling](#)

## Scheme of work

A client can initiate the incoming call event by incoming SIP call. In this case, **/OnCallEvent** REST method is called. This method contains incoming call information.



The diagram shows that /OnCallEvent query goes to web server, then client handles this event on step 4 after web server response.

Example:

2	3
---	---

```
POST /rest/my_api/OnCallEvent HTTP/1.1
Accept: application/json, application/*+json
Content-Type: application/json;charset=UTF-8
User-Agent: Java/1.8.0_111
Host: 192.168.1.101
Connection: keep-alive
Content-Length: 3614

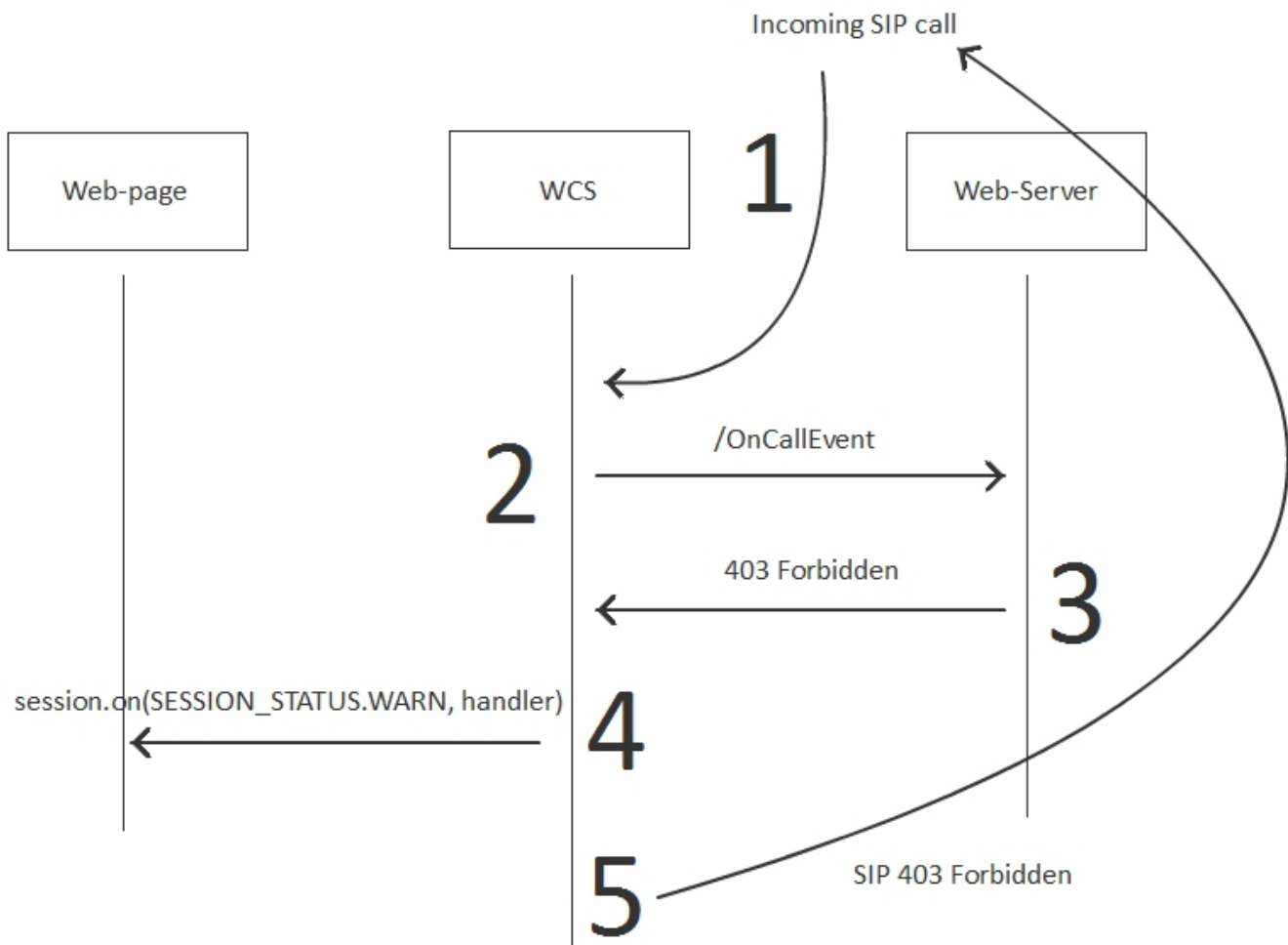
{
  "nodeId" : "ah20GKYnbYKxjJmdhlzDs6cllWkn0Q0t@46.
101.108.90",
  "appKey" : "defaultApp",
  "sessionId" : "/8.8.8.8:56046/46.101.108.90:8443",
  "callId" : "pbx-8BD6EE910B71BE609010-3434@h79n40.
etc.tario.ru",
  "incoming" : true,
  "status" : "PENDING",
  "caller" : "PPP009",
  "callee" : "PPP005",
  "hasAudio" : true,
  "hasVideo" : false,
  "mediaProvider" : "WebRTC",
  "isMsrp" : false,
  "holdForTransfer" : false
}
```

```
HTTP/1.1 200 OK
Date: Tue, 28 Feb 2017 17:35:44 GMT
Server: Apache/2.2.15 (CentOS)
X-Powered-By: PHP/5.3.3
Content-Length: 3656
Connection: close
Content-Type: application/json

{
  "nodeId" : "ah20GKYnbYKxjJmdhlzDs6cllWkn0Q0t@46.
101.108.90",
  "appKey" : "defaultApp",
  "sessionId" : "/8.8.8.8:56046/46.101.108.90:8443",
  "callId" : "pbx-8BD6EE910B71BE609010-3434@h79n40.
etc.tario.ru",
  "incoming" : true,
  "status" : "PENDING",
  "caller" : "PPP009",
  "callee" : "PPP005",
  "hasAudio" : true,
  "hasVideo" : false,
  "mediaProvider" : "WebRTC",
  "isMsrp" : false,
  "holdForTransfer" : false
}
```

## Error handling

If web server returns error then SESSION\_STATUS.WARN goes to client and error status returns to caller (SIP side in this case)



Example:

2	3
<pre> POST /rest/my_api/OnCallEvent HTTP/1.1 Accept: application/json, application/*+json Content-Type: application/json;charset=UTF-8 User-Agent: Java/1.8.0_111 Host: 192.168.1.101 Connection: keep-alive Content-Length: 3639  {   "nodeId" : "ah20GKYnbYKxjJmdhlzDs6c1lWkn0Q0t@46.101.108.90",   "appKey" : "defaultApp",   "sessionId" : "/8.8.8.8:56046/46.101.108.90:8443",   "callId" : "pbx-8BD6EE910B71BE609010-3434@h79n40.etc.tario.ru",   "incoming" : true,   "status" : "PENDING",   "caller" : "PPP009",   "callee" : "PPP005",   "hasAudio" : true,   "hasVideo" : false,   "mediaProvider" : "WebRTC",   "isMsrp" : false,   "holdForTransfer" : false } </pre>	<pre> HTTP/1.1 403 Forbidden Date: Tue, 28 Feb 2017 13:44:39 GMT Server: Apache/2.2.15 (CentOS) X-Powered-By: PHP/5.3.3 Content-Length: 0 Connection: close Content-Type: text/html; charset=UTF-8 </pre>