

Event statuses

The event statuses are listed in the table below.

If such event is received on Web SDK (client-side), it will be processed on JavaScript in a correspondence object (stream, session, call, etc).

Examples:

1. Handle success connection to WCS server.

```
session.on(SESSION_STATUS.ESTABLISHED, function(){
    trace("connection established");
});
```

2. Handle success stream publishing to WCS server.

```
stream.on(STREAM_STATUS.PUBLISHING, function(){
    trace("stream is publishing");
});
```

| Event | Statuses (the status field) | | Description |
|-------------------------|-----------------------------|--|--|
| ConnectionStatusEvent | ESTABLISHED | Connection is established | The status of establishing connection to the WCS server via Websockets |
| | FAILED | Error while establishing connection | |
| | DISCONNECTED | Connection is lost | |
| RegistrationStatusEvent | REGISTERED | SIP account is registered | SIP registration status |
| | UNREGISTERED | SIP account is unregistered | |
| | AUTHENTICATION_FAIL | Authentication error | |
| CallStatusEvent | TRYING | SIP returned TRYING | SIP call status |
| | RING | SIP returned 183 RINGING | |
| | SESSION_PROGRESS | SIP returned 183 SESSION PROGRESS | |
| | BUSY | SIP returned 486 or 600 BUSY | |
| | ESTABLISHED | SIP returned 200 OK to INVITE | |
| | HOLD | SIP call is put on hold | |
| | FINISH | SIP call is finished | |
| | FAILED | SIP call has failed or ended with an error | |
| TransferStatusEvent | ACCEPTED | SIP-call transfer request is accepted | Call transfer status |
| | TRYING | An attempt to transfer the call | |
| | COMPLETED | Transfer is completed | |
| | FAILED | Transfer has failed | |

| | | | | | | | | | | | | |
|-------------------------|---|------------|----------------------------------|-------------|-------------------------|--------------------------|-------------------|---------|---------------------|--------|--|---------------|
| StreamStatusEvent | <table border="1"> <tr> <td data-bbox="363 134 505 180">PUBLISHING</td> <td data-bbox="509 134 889 180">Stream is being published</td> </tr> <tr> <td data-bbox="363 186 505 233">UNPUBLISHED</td> <td data-bbox="509 186 889 233">Publishing finished</td> </tr> <tr> <td data-bbox="363 239 505 285">PLAYING</td> <td data-bbox="509 239 889 285">Stream is playing</td> </tr> <tr> <td data-bbox="363 291 505 338">STOPPED</td> <td data-bbox="509 291 889 338">Playback is stopped</td> </tr> <tr> <td data-bbox="363 344 505 390">FAILED</td> <td data-bbox="509 344 889 390">Error while publishing or playing the stream</td> </tr> </table> | PUBLISHING | Stream is being published | UNPUBLISHED | Publishing finished | PLAYING | Stream is playing | STOPPED | Playback is stopped | FAILED | Error while publishing or playing the stream | Stream status |
| PUBLISHING | Stream is being published | | | | | | | | | | | |
| UNPUBLISHED | Publishing finished | | | | | | | | | | | |
| PLAYING | Stream is playing | | | | | | | | | | | |
| STOPPED | Playback is stopped | | | | | | | | | | | |
| FAILED | Error while publishing or playing the stream | | | | | | | | | | | |
| StreamKeepAliveEvent | <table border="1"> <tr> <td data-bbox="363 403 505 449">PUBLISHING</td> <td data-bbox="509 403 889 449">Stream is being published</td> </tr> <tr> <td data-bbox="363 455 505 499">PLAYING</td> <td data-bbox="509 455 889 499">Stream us playing</td> </tr> </table> | PUBLISHING | Stream is being published | PLAYING | Stream us playing | Keep-alive of the stream | | | | | | |
| PUBLISHING | Stream is being published | | | | | | | | | | | |
| PLAYING | Stream us playing | | | | | | | | | | | |
| SessionDebugStatusEvent | <table border="1"> <tr> <td data-bbox="363 512 505 558">STARTED</td> <td data-bbox="509 512 889 558">Debug logs are enabled</td> </tr> <tr> <td data-bbox="363 564 505 609">STOPPED</td> <td data-bbox="509 564 889 609">Debug logs are disabled</td> </tr> </table> | STARTED | Debug logs are enabled | STOPPED | Debug logs are disabled | Debug session status | | | | | | |
| STARTED | Debug logs are enabled | | | | | | | | | | | |
| STOPPED | Debug logs are disabled | | | | | | | | | | | |
| DataStatusEvent | <table border="1"> <tr> <td data-bbox="363 621 505 667">ACCEPTED</td> <td data-bbox="509 621 889 667">Data are accepted for processing</td> </tr> <tr> <td data-bbox="363 674 505 718">FAILED</td> <td data-bbox="509 674 889 718">An error occurred</td> </tr> </table> | ACCEPTED | Data are accepted for processing | FAILED | An error occurred | | | | | | | |
| ACCEPTED | Data are accepted for processing | | | | | | | | | | | |
| FAILED | An error occurred | | | | | | | | | | | |