

restClientConfig object description

When connection is established, JSON object `restClientConfig` is delivered in `200 OK` response to the `connect` method. This object defines behavior for all subsequent calls concerning error handling, parameters overwriting and set of transmitted fields forming. If `restClientConfig` was not delivered, default values are used.

The below table lists all fields of the `restClientConfig` object and how the WCS server interprets them.

Parameter	Description	Default value
<code>clientExclude</code>	The list of fields to exclude from sending to a client (comma separated)	empty
<code>restExclude</code>	The list of fields to exclude from sending to backend (comma separated)	empty
<code>restOnError</code>	Reaction to errors or 4xx codes: <code>LOG</code> - Just log the error and continue <code>FAIL</code> - Fail the operation and send the error	LOG
<code>restPolicy</code>	Ability to redefine fields: <code>OVERWRITE</code> - Overwrite fields listed in <code>restOverwrite</code> <code>NOTIFY</code> - Do not overwrite fields <code>DISABLE</code> - Do not send fields to backend	NOTIFY
<code>restOverwrite</code>	The list of fields to overwrite if <code>restPolicy</code> is set to <code>OVERWRITE</code> (comma separated)	empty

This is `restClientConfig` example. This object contains only `ConnectionStatusEvent` method. Other methods can be described same way:

```
"restClientConfig":
{
  "ConnectionStatusEvent":
  {
    "restExclude": "",
    "clientExclude": ""
  }
}
```

```
    "restOnError": "LOG",  
    "restPolicy": "NOTIFY",  
    "restOverwrite": ""  
  }  
}
```

Example interpretation:

- The following options are defined for `ConnectionStatusEvent` method: `restExclude`, `clientExclude`, `restOnError`, `restPolicy`, `restOverwrite`.
- When the method is called, all fields will be delivered to the backend server because `restExclude: ""`.
- When the method is called, all fields will be delivered to the client because `clientExclude: ""`.
- If error occurs when accessing to the backend server, this error will be logged but will not be delivered to the client. In this case, the client receives normal `ConnectionStatusEvent` event.
- Even if the backend server returns new parameters, the parameters will not be overwritten because `restPolicy: "NOTIFY"`.
- `restOverwrite` field will not work because `restPolicy: "NOTIFY"`.

`restClientConfig` object may describe another calls configuration such as: `call`, `OnCallEvent`, `CallStatusEvent`, `sendMessage`, `OnMessageEvent`, `MessageStatusEvent` etc