

SDP settings files

- [flash_handler_publish.sdp](#)
- [flash_handler_play.sdp](#)
- [media_transponder.sdp](#)
- [rtmp_agent.sdp](#)
- [rtsp_server.sdp](#)

SDP settings are specified in WCS core source code by default. To change defaults, the following files should be created in /usr/local/FlashphonerWebCallServer/conf directory.

WCS server restart required after the settings are changed.

flash_handler_publish.sdp

The settings file flash_handler_publish.sdp describes SDP for streams published from a Flash client. By default, the file contains the following SDP configuration:

```
v=0
o=- 1988962254 1988962254 IN IP4 0.0.0.0
c=IN IP4 0.0.0.0
t=0 0
a=sdplang:en
m=video 0 RTP/AVP 96
a=rtpmap:96 H264/90000
a=fmtp:96 profile-level-id=42e01f;packetization-mode=1
a=sendonly
m=audio 0 RTP/AVP 97 8 0
a=rtpmap:97 SPEEX/16000
a=rtpmap:8 PCMA/8000
a=rtpmap:0 PCMU/8000
a=sendonly
```

Note that changing this file allows to add or remove audio and video streams support only, but not to change codec used by publisher.

flash_handler_play.sdp

The settings file flash_handler_play.sdp describes SDP for streams played on a Flash client. By default, the file contains the following SDP configuration:

```
v=0
o=- 1988962254 1988962254 IN IP4 0.0.0.0
c=IN IP4 0.0.0.0
t=0 0
a=sdplang:en
m=video 0 RTP/AVP 96
a=rtpmap:96 H264/90000
a=fmtp:96 profile-level-id=42e01f;packetization-mode=1
a=recvonly
m=audio 0 RTP/AVP 97 8 0 108 96 109 98 99 100 102 103 104
a=rtpmap:97 SPEEX/16000
a=rtpmap:8 PCMA/8000
a=rtpmap:0 PCMU/8000
a=rtpmap:108 mpeg4-generic/48000/1
a=rtpmap:96 mpeg4-generic/8000/1
a=rtpmap:109 mpeg4-generic/11025/1
a=rtpmap:98 mpeg4-generic/12000/1
a=rtpmap:99 mpeg4-generic/16000/1
a=rtpmap:100 mpeg4-generic/22050/1
a=rtpmap:104 mpeg4-generic/24000/1
a=rtpmap:102 mpeg4-generic/32000/1
a=rtpmap:103 mpeg4-generic/44100/1
a=recvonly
```

media_transponder.sdp

The settings file media_transponder.sdp describes SDP for republishing of streams via RTMP on a third-party server. By default, the file contains the following SDP configuration:

```
v=0
o=- 1988962254 1988962254 IN IP4 0.0.0.0
c=IN IP4 0.0.0.0
t=0 0
a=sdplang:en
m=video 0 RTP/AVP 95 96
a=rtpmap:95 H264/90000
a=fmtp:95 profile-level-id=42e01f;packetization-mode=0
a=rtpmap:96 H264/90000
a=fmtp:96 profile-level-id=42e01f;packetization-mode=1
a=recvonly
m=audio 0 RTP/AVP 103 96 97 98 99 100 102 108 104
a=rtpmap:108 mpeg4-generic/48000/1
a=rtpmap:96 mpeg4-generic/8000/1
a=rtpmap:97 mpeg4-generic/11025/1
a=rtpmap:98 mpeg4-generic/12000/1
a=rtpmap:99 mpeg4-generic/16000/1
a=rtpmap:100 mpeg4-generic/22050/1
a=rtpmap:104 mpeg4-generic/24000/1
a=rtpmap:102 mpeg4-generic/32000/1
a=rtpmap:103 mpeg4-generic/44100/1
a=recvonly
```

rtmp_agent.sdp

The settings file rtmp_agent.sdp describes SDP to capture streams via RTMP from a third-party server. By default, the file contains the following SDP configuration:

```
v=0
o=- 1988962254 1988962254 IN IP4 0.0.0.0
c=IN IP4 0.0.0.0
t=0 0
a=sdplang:en
m=video 0 RTP/AVP 95
a=rtpmap:95 H264/90000
a=fmtp:95 profile-level-id=42e01f;packetization-mode=1
a=sendonly
m=audio 0 RTP/AVP 103 96 97 98 99 100 102 108 104
a=rtpmap:108 mpeg4-generic/48000/1
a=rtpmap:96 mpeg4-generic/8000/1
a=rtpmap:97 mpeg4-generic/11025/1
a=rtpmap:98 mpeg4-generic/12000/1
a=rtpmap:99 mpeg4-generic/16000/1
a=rtpmap:100 mpeg4-generic/22050/1
a=rtpmap:104 mpeg4-generic/24000/1
a=rtpmap:102 mpeg4-generic/32000/1
a=rtpmap:103 mpeg4-generic/44100/1
a=recvonly
```

rtsp_server.sdp

The file rtsp_server.sdp describes SDP used to playback streams published on WCS server as RTSP. By default, the file contains the following SDP configuration:

```
v=0
o=- 1988962254 1988962254 IN IP4 192.168.1.5
c=IN IP4 192.168.1.5
t=0 0
a=sdplang:en
a=range:npt=now-
a=control:*
m=audio 0 RTP/AVP 96
a=rtpmap:96 mpeg4-generic/48000/2
a=fmtp:96 profile-level-id=1;mode=AAC-hbr;size-length=13;index-length=3;index-delta-length=3
a=control:audio
m=video 0 RTP/AVP 119
a=rtpmap:119 H264/900000
a=fmtp:119 packetization-mode=1;profile-level-id=42e01f;
a=control:video
```

Where

192.168.1.5 is WCS server IP address defined in [flashphoner.properties](#) file