

1. 1. Authentication.....	5
• Constructing the authentication string.....	5
• Possible authentication errors.....	5
2. 2. API Reference	6
• Change log.....	6
• Authenticate	6
• Authenticate	6
• Info	7
• States	7
• Formats.....	7
• List all video formats.....	7
• Create a video format.....	8
• Get a video format.....	9
• Get default format.....	10
• Set default format	10
• Delete a video format	11
• Videos	11
• Get all videos.....	11
• Upload a video	13
• Get information about a video	14
• Update video information (title, description & tags).....	16
• Delete a video	16
• Get the default capture interval	17
• Set the default capture interval.....	17
• Get the default capture percentage	18
• Set the default capture percentage	18
• Streams.....	19
• List available streams for a video	19
• Set stream for a video	20
• Get info about a stream	21
• Embed code of a stream	21
• Get stream name for streaming.....	22
• Delete a stream	23
• Play lists.....	23
• List available playlists	23
• Create play list.....	24
• Get play list information	25
• Get play list extended information	26
• Update play list information	27
• Add stream to play list	27
• Remove stream from play list.....	28
• Delete play list	28
• Embed code of a playlist	29
• Thumbnail	29
• Get thumbnail information	29
• Upload a thumbnail	30
• Create thumbnail from a specified second	31
• Delete a thumbnail	31

- Image 32
 - Get image information 32
 - Upload an image 32
 - Create image from a specified second 33
 - Delete an image 34
- Player Themes 34
 - Get all themes 34
 - Create a player theme 35
 - Get player theme information 36
 - Update player theme information 36
 - Delete a player theme 37
- Players 37
 - Get all players 37
 - Create player 38
 - Get player information 39
 - Update player information 40
 - Delete player 41
- Logos 41
 - Get all logos 41
 - Upload a logo 42
 - Get logo information 43
 - Delete a logo 43
- Reports 44
 - Get client information 44
 - Usage report 44
 - Player syndication stats 45
 - Quick Stats 47
- Live events 48
 - Get all live events 48
 - Get live event information 49
 - Create a live event 50
 - Update live event information 50
 - Start recording a live event 51
 - Stop recording a live event 51
 - Start recording a live event segment 52
 - Stop recording a live event segment 52
 - Check if a live event is being recorded 53
 - Check if a live event segment is being recorded 53
 - Delete live event 53
 - Publish a live event 54
- Skins 55
 - Get all skins 55
 - Get skin information 56
 - Upload skin 56
 - Delete skin 57
- Publish 57
 - Get all associations 0
 - Get player's associations 57

- Get element's associations..... 58
- Delete entry 59
- Get the embed code 60
- Get the javascript-based embed code..... 61
- Publish a single video..... 61
- Publish a playlist..... 62
- Publish a live event 0
- Publish an audio item 63
- Edit an existing association 0
- Change hosts status..... 63
- Get all hosts..... 64
- Video Segments..... 64
 - Get all video segments 64
 - Create new video segments 66
 - Get video segment information 67
 - Update a video segment 68
 - Process all video segments of the same video 68
 - Delete a video segment..... 69
- Audio items 69
 - Get all audio items..... 69
 - Upload a video 71
 - Get information about a video 72
 - Update audio item information 73
 - Delete an audio item 73
- Audio formats 74
 - List available formats for an audio item..... 74
 - Encode a new format for an audio item..... 75
 - Get info about an audio format 75
 - Get format name for streaming 76
 - Delete an audio format 77
- 3. Pagination, sorting and filtering..... 77
 - Pagination 77
 - Sorting 78
 - Filtering..... 79
- 4. Exceptions 79

VideoPublishing.com
Application Programming Interface
Version 18.02.2010

1. Authentication

Constructing the authentication string

In order to use the API you need an API USER and an API KEY; they are both provided when signing up.

Each resource can handle one or more of the following HTTP methods : GET, PUT, DELETE, POST.

There are several required HTTP headers :

- **Date** - for example: Wed, 01 Feb 2008 12:00:00 GMT
- **X-VWS-Client** - for example: test-account
- **X-VWS-Accept** - it can take 2 values: xml or json
- **X-VWS-Auth** - for example: 90a6d325e982f764f86a7e248edf6a660d4ee833

The value of X-VWS-Auth header is used for authentication of the request. See below the way this header is constructed:

step 1 : signature_string = concatenate strings (HTTP verb , Query String , X-VWS-Client header value , Date header value)

step 2 : X-VWS-Auth header value = HMAC-SHA1 (API KEY, signature_string)

The HMAC-SHA1 algorithm is explained in detail here <http://en.wikipedia.org/wiki/HMAC#Implementation>

Possible authentication errors

- AuthHeaderMissing - this means that the X-VWS-Auth header was not detected in your request
- AuthTimeDifference - this means that the time difference between the request time and our server time is greater than 20 seconds. Please read the important note below
- ClientHeaderMissing - this means that the X-VWS-Client header was not detected in your request
- DateHeaderMissing - this means that the X-VWS-Date header was not detected in your request
- InvalidClient - the supplied API USER is not registered with our system
- InvalidSignature - the supplied signature in X-VWS-Auth header is wrong. Possible reasons are: the *signature_string* was not properly computed, the HMAC algorithm was not properly calculated, the API KEY is wrong or not valid

Important: because the signature string relies on a timestamp it is very important to have your server/system time synchronized with a NTP server. The web service allows only a 20 seconds difference between request and server time.

Example for getting all videos:

- request : videos
- signature_string : GETvideos/lefkosia.tvTue, 14 Oct 2008 09:25:06 +0000

2. API Reference

The following terminology will be used along the documentation:

- Sample Request - indicates a sample HTTP request sent to web service
- Sample Response - indicates a sample HTTP response returned by the web service
- Exception - the possible errors that the specific method can return

Responses are shown here in XML format but the web service can also return data in JSON.

Important:

- the header values in request/response samples do not contain valid data, this means that you cannot rely on X-VWS-Auth header to contain a correct/valid signature
- the response body is sometimes truncated when it contains repetitive structures

Change log

- added methods for handling audio files

Authenticate

Authenticate

Sample Request:

```
HEAD /authenticate/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response:

```
HTTP/1.1 200 OK
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 795
Connection: close
Content-Type: text/xml

Info

States

Sample Request:

```
GET /info/states/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response:

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 795
Connection: close
Content-Type: text/xml

<states>
  <state>
    <id>0</id>
    <name>error</name>
    <description>an error occurred in processing chain</description>
  </state>
  .....
</states>
```

Formats

List all video formats

Sample Request:

```
GET /formats/ HTTP/1.1
GET /formats?limit=10&order_by=title HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 795
Connection: close
Content-Type: text/xml
```

```
<formats>
  <format>
    <item>2</item>
    <audiobitrate>audiobitrate</audiobitrate>
    <width>width</width>
    <height>height</height>
    <videobitrate>videobitrate</videobitrate>
    <title>video title</title>
    <system>1</system>
    <added>Thu Feb 05 13:49:01 UTC 2009</added>
  </format>
  ...
</formats>
```

Create a video format

Sample Request:

```
POST /formats/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

```
title=f_title&videobitrate=f_videobitrate&audiobitrate=f_audiobitrate&width=f_width&hei
```

Sample Response :

HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 795

Connection: close

Content-Type: text/xml

<item>3</item>

Exceptions: InvalidLength, InvalidValue

Get a video format

Sample Request:

GET /formats/3 HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 795

Connection: close

Content-Type: text/xml

<format>

 <item>2</item>

 <audiobitrate>audiobitrate</audiobitrate>

 <width>width</width>

 <height>height</height>

 <videobitrate>videobitrate</videobitrate>

 <title>video title</title>

 <system>1</system>

 <added>Thu Feb 05 13:49:01 UTC 2009</added>

</format>

Exceptions: InvalidFormat

Get default format

Sample Request:

```
GET /formats/default HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 23
Connection: close
Content-Type: text/xml

<default_format>20</default_format>
```

Set default format

Sample Request:

```
POST /formats/default/22 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 NO CONTENT

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Exceptions: InvalidFormat

Delete a video format

Sample Request:

```
DELETE /formats/3 HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 NO CONTENT
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
```

```
Server: VideoPublishing
```

```
Connection: close
```

Exceptions: InvalidFormat

Videos

Operations on videos.

Get all videos

Retrieve all videos, from all storage domains, with all states.

Note : *views* field will be a sum of views for all streams

Parameters:

- defaultSearch
 - the associated value must be a string
 - the method will return all videos whose title or tags matches the value
 - ex: test
- byTags
 - the associated value must be an urlencoded string of comma separated tags
 - ex: tag1, tag2, tag3
- byDateUploaded
 - the associated value must be a valid date in the form of yyyy-mm-dd
 - ex: 2009-09-30
- byViews
 - the associated value must be an integer
 - the method will return the most viewed X videos, ordered by views desc, where X is the filter value
 - ex: 10

- byFormat
 - the associated value must be a valid format ID
 - the method will return all the videos that have been encoded in the given format
 - ex: 2
- byRecent
 - the associated value must be an integer
 - the method will return the most recent X uploaded videos, where X is the filter value

Sample Request:

```
GET /videos/ HTTP/1.1
GET /videos?filter_name[]=byTags&filter_value[]=one HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 340
Connection: close
Content-Type: text/xml

<videos>
  <video>
    <item>4c3853c264a0ae693af9e43673c86593</item>
    <added>Wed Feb 04 12:49:42 UTC 2009</added>
    <videoInfo>
      <codec>flv</codec>
      <bitRate/>
      <frameRate>25</frameRate>
      <width>130</width>
      <height>70</height>
      <pixelFormat>yuv420p</pixelFormat>
    </videoInfo>
    <audioInfo>
      <codec>mp3</codec>
      <bitRate>24000</bitRate>
      <sampleRate>22050</sampleRate>
```

```

        <channels>1</channels>
        <hasAudio>1</hasAudio>
    </audioInfo>
    <duration>20.583999</duration>
    <bitRate>24000</bitRate>
    <size>282797</size>
    <description>Movie</description>
    <title>video</title>
    <filename>video</filename>
    <tags>
        <tag>aaa</tag>
        <tag>bbb</tag>
        <tag>ccc</tag>
    </tags>
    <formats>
        <format>3</format>
        <format>2</format>
    </formats>
    <countries>
        <country>US</country>
        <country>GB</country>
        <country>FR</country>
    </countries>
    <is_allowed>1</is_allowed>
    <views>000004</views>
    <image>https://vws-image.s3.amazonaws.com/image3.png</image>
    <thumbnail>http://mydomain.com/mythumb.jpg</thumbnail>
    <streamed_sec>56</streamed_sec>
    <streamed_kb>2381</streamed_kb>
</video>
...
</videos>

```

Upload a video

Important: Care must be taken when the video name contains spaces to properly encode the name as specified in RFC 1738 <http://www.faqs.org/rfcs/rfc1738> which means to replace the spaces with %20. However the authentication string must be calculated with non encoded value of the video name.

Sample Request:

```
PUT /videos/upload/video_name HTTP/1.1
```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
Content-Length: 9545778
Expect: 100-continue
the video content here

Sample Response :

HTTP/1.1 100 Continue
HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 68
Connection: close
Content-Type: text/xml

<item>2a6a4c2a8b42062af20ce207293e04be</item>

Exceptions: UploadLimitExceded, StorageLimitExceded, InvalidFile, UnknownVideoEncoder, UploadError,

Get information about a video

Sample Request:

GET /videos/0661e60a79bf0088265c5c16a78b9d7b/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 340
Connection: close
Content-Type: text/xml

```

<video>
  <title>video_file_name</title>
  <description>Movie</description>
  <duration>20.583999</duration>
  <added>Thu Feb 05 09:54:58 UTC 2009</added>
  <filename>video_file_name</filename>
  <audioInfo>
    <codec>mp3</codec>
    <bitRate>24000</bitRate>
    <sampleRate>22050</sampleRate>
    <channels>1</channels>
    <hasAudio>1</hasAudio>
  </audioInfo>
  <videoInfo>
    <codec>flv</codec>
    <bitRate/>
    <frameRate>25</frameRate>
    <width>130</width>
    <height>70</height>
    <pixelFormat>yuv420p</pixelFormat>
  </videoInfo>
  <bitRate>24000</bitRate>
  <size>282797</size>
  <formats>
    <format>1</format>
    ...
  </formats>
  <countries>
    <country>US</country>
    <country>GB</country>
    <country>FR</country>
  </countries>
  <is_allowed>1</is_allowed>
  <image>https://vws-image.s3.amazonaws.com/image.png</image>
  <thumbnail>http://mydomain.com/mythumb.jpg</thumbnail>
  <streamed_sec>56</streamed_sec>
  <streamed_kb>2381</streamed_kb>
  <views>000025</views>
  <number_of_pages>5</number_of_pages>
</video>

```

Exceptions: NoSuchVideo

Update video information (title, description & tags)

Note : Will update only the fields found in POST, the missing ones will be ignored

Sample Request:

```
POST /videos/2a6a4c2a8b42062af20ce207293e04be HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

```
post content:
```

```
title=title&description=description&tags=fist one,second  
one&countries[]=GB&countries[]=US&countries[]=FR&is_allowed=0
```

Sample Response :

```
HTTP/1.1 204 NO CONTENT
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
```

```
Server: VideoPublishing
```

```
Connection: close
```

Exceptions: NoSuchVideo

Delete a video

Notes :

- will delete the associated resources : streams, thumbnail, image
- will remove all associates streams from all the play lists that might contain them

Sample Request:

```
DELETE /videos/2a6a4c2a8b42062af20ce207293e04be HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No Content
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: NoSuchVideo

Get the default capture interval

Sample Request:

```
GET /videos/capture_interval/ HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Content-Length: 340  
Connection: close  
Content-Type: text/xml
```

```
<capture_interval>  
  <end>12</end>  
  <start>1</start>  
</capture_interval>
```

Set the default capture interval

Sample Request:

```
POST /videos/capture_interval/ HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account
```

X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
post content:
capture_interval=1|12

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: InvalidValue, RequiredValueMissing

Get the default capture percentage

Sample Request:

GET /videos/capture_percent/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 340
Connection: close
Content-Type: text/xml

<capture_percent>20</capture_percent>

Set the default capture percentage

Sample Request:

POST /videos/capture_percentage/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
post content:
capture_percent=20

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: InvalidValue, RequiredValueMissing

Streams

Operations on streams.

List available streams for a video

Sample Request:

GET /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```

<streams>
  <stream>
    <item>81a3b0d688be46c45c3cbd823c4ce89e_1</item>
    <size>877482</size>
    <video>81a3b0d688be46c45c3cbd823c4ce89e</video>
    <format>1</format>
    <added>2009-05-19T07:27:01+00:00</added>
    <state>7</state>
    <views>2</views>
    <date_start>2009-05-19T07:27:06+00:00</date_start>
    <date_stop>2009-05-19T07:28:50+00:00</date_stop>
    <convert>103.646323919</convert>
    <streamed_sec>44</streamed_sec>
    <streamed_kb>1817</streamed_kb>
  </stream>
  ...
</streams>

```

Set stream for a video

Note : 2, in URL means a previously defined format

Sample Request:

```
POST /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/2 HTTP/1.1
```

```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

```

Sample Response :

```
HTTP/1.1 201 Created
```

```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```

```
<item>06b8d26c84723396d4793540ae996acd_2</item>
```

Exceptions: NoSuchStream

Get info about a stream

Sample Request:

```
GET /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/2 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<stream>
  <item>81a3b0d688be46c45c3cbd823c4ce89e_1</item>
  <size>877482</size>
  <video>81a3b0d688be46c45c3cbd823c4ce89e</video>
  <format>1</format>
  <added>2009-05-19T07:27:01+00:00</added>
  <state>7</state>
  <views>2</views>
  <date_start>2009-05-19T07:27:06+00:00</date_start>
  <date_stop>2009-05-19T07:28:50+00:00</date_stop>
  <convert>103.646323919</convert>
  <streamed_sec>44</streamed_sec>
  <streamed_kb>1817</streamed_kb>
</stream>
```

Exceptions : NoSuchStream

Embed code of a stream

Deprecated as with 27.08.2009

Sample Request:

```
GET /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/2/embed?player=
0661e60a79bf0088265c5c16a78b9d7b HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<embed>... embed code ...</embed>
```

Exceptions : NoSuchPlayer, NoSuchStream

Get stream name for streaming

The returned string follows this pattern: *format_name:client_id:stream_id*

Sample Request:

```
GET /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/2/string HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 50
Connection: close
Content-Type: text/xml
```

```
<string>
  mp4:0661e60a79bf0088265c5c16a78b9d7b:06b8d26c84723396d4793540ae996acd_3
</string>
```

Exceptions: NoSuchStream

Delete a stream

Notes:

- the deleted stream will be removed from any play list that might contain it

Sample Request:

```
DELETE /videos/0661e60a79bf0088265c5c16a78b9d7b/streams/2 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Exceptions: NoSuchStream

Play lists

List available playlists

Parameters:

- defaultSearch
 - the associated value must be a string
 - the method will return all playlists whose title matches the value
 - ex: test

Sample Request:

```
GET /playlists/ HTTP/1.1
```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```
<playlists>
  <playlist>
    <item>85a5592f1fb8989f9d58459775035e4d</item>
    <title>playlist1</title>
    <added>Fri Feb 06 14:46:39 UTC 2009</added>
    <dynamic>0</dynamic>
    <streams>
      <stream>000001|5dedcd47cc69e51475b1610c23b04125_1</stream>
      <stream>000002|5dedcd47cc69e51475b1610c23b04125_1</stream>
      <stream>000003|5dedcd47cc69e51475b1610c23b04125_1</stream>
    </streams>
    <number_of_pages>5</number_of_pages>
  </playlist>
  <thumbnail>
    https://vws-thumb.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png
  </thumbnail>
  .....
</playlists>
```

Create play list

Sample Request:

POST /playlists/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account

X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

title=my title&streams[]=01&streams[]=02

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: NoVideosProvided, PlaylistFiltersMissing

Get play list information

Deprecated as with 24.09.2009

Sample Request:

GET /playlists/85a5592f1fb8989f9d58459775035e4d HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```
<playlist>
  <item>85a5592f1fb8989f9d58459775035e4d</item>
  <title>playlist1</title>
  <added>Fri Feb 06 14:46:39 UTC 2009</added>
  <dynamic>1</dynamic>
  <streams>
    <stream>000001|5dedcd47cc69e51475b1610c23b04125_1</stream>
    <stream>000002|5dedcd47cc69e51475b1610c23b04125_1</stream>
```

```
<stream>000003|5dedcd47cc69e51475b1610c23b04125_1</stream>

</streams>
<thumbnail>
https://vws-thumb.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png
</thumbnail>
</playlist>
```

Exceptions: NoSuchVideo

Get play list extended information

Sample Request:

```
GET /playlists/20cc8eaf9eabaa0c0e76fc04e38e7b6d/extended/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 873
Connection: close
Content-Type: text/xml
```

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<playlist>
```

```
<streams>
```

```
<stream>
```

```
<item>eb6b2bab05944295d6e3a81411f884e8_1</item>
```

```
<added>2009-08-11T07:21:35+00:00</added>
```

```
<format>1</format><size>11050784</size>
```

```
<views>11</views>
```

```
<title>video 1</title>
```

```
<duration>202.44</duration>
```

```
<description>Depeche Mode 2009</description>
```

```
<thumbnail>
```

```
http://vws-ve.s3.amazonaws.com/
```

```
ee6bcc59d3ae3c7e456171fd04acdd78/thumb/52ee64ef60ea750cca9d7aa3a67555d5.png
```

```
        </thumbnail>
        <image>
            http://vws-ve.s3.amazonaws.com/
ee6bcc59d3ae3c7e456171fd04acdd78/image/52ee64ef60ea750cca9d7aa3a67555d5.png
        </image>
    </stream>
    ...
</streams>
<title>playlist #10</title>
<added>2009-09-07T11:02:00+00:00</added>
<dynamic>0</dynamic>
<thumbnail>http://dev-vws-ve.s3.amazonaws.com/
2f92f097d62c70184d2b5c7af39888cb/thumb/
eb6b2bab05944295d6e3a81411f884e8.png</thumbnail>
</playlist>
```

Exceptions: NoSuchVideo

Update play list information

Update play list contents or/and its title. Only streams array can be present or only title or both.

Sample Request:

```
POST /playlists/85a5592f1fb8989f9d58459775035e4d HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
streams[]=1&streams[]=2&title=new_title&dynamic=0
```

Sample Response :

```
HTTP/1.1 204 No Content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Add stream to play list

Sample Request:

```
POST /playlists/85a5592f1fb8989f9d58459775035e4d/stream/
26c97e294162d7aa6fa2aee32c08e5ec_6 HTTP/1.1
```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Remove stream from play list

Sample Request:

DELETE /playlists/85a5592f1fb8989f9d58459775035e4d/stream/
26c97e294162d7aa6fa2aee32c08e5ec_6 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Delete play list

Sample Request:

DELETE /playlists/0661e60a79bf0088265c5c16a78b9d7b HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Embed code of a playlist

Deprecated as with 27.08.2009

Sample Request:

```
GET /playlists/de82edc89b11cac770e1261b06eca890/embed?player=7028e5bb51473c5301554247fd3cdd50 HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<embed>... embed code ...</embed>
```

Exceptions: NoSuchPlayer

Thumbnail

Operations on video thumbnail.

Get thumbnail information

Sample Request:

GET /videos/0661e60a79bf0088265c5c16a78b9d7b/thumbnail HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

<thumbnail>
 http://vws-thumb.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png
</thumbnail>

Upload a thumbnail

Sample Request:

PUT /videos/0661e60a79bf0088265c5c16a78b9d7b/thumbnail HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
Expect: 100-continue
thumbnail data here

Sample Response :

HTTP/1.1 100 Continue

HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

<response>

```
<thumbnail>
  http://vws-thumb.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png
</thumbnail>
</response>
```

Exceptions: InvalidFile , UploadError

Create thumbnail from a specified second

Note : for previewing only, the URL should be :
/videos/2a6a4c2a8b42062af20ce207293e04be/thumbnail/30?preview

Sample Request:

```
POST /videos/2a6a4c2a8b42062af20ce207293e04be/thumbnail/30 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 201 Created
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

```
<thumbnail>
  http://vws-thumb.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png
</thumbnail>
```

Exceptions: InvalidSecond

Delete a thumbnail

Sample Request:

```
DELETE /videos/0661e60a79bf0088265c5c16a78b9d7b/thumbnail HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Image

Operations on video static or still image.

Get image information

Sample Request:

```
GET /videos/0661e60a79bf0088265c5c16a78b9d7b/image HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

<image>

http://vws-image.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png

</image>

Upload an image

Sample Request:

```
PUT /videos/0661e60a79bf0088265c5c16a78b9d7b/image HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
Expect: 100-continue
image data here

Sample Response :

HTTP/1.1 100 Continue

HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Content-Type: text/xml
Connection: close

<image>
 <http://vws-image.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png>
</image>

Exceptions: InvalidFile , UploadError

Create image from a specified second

Note : for previewing only, the URL should be :
</videos/2a6a4c2a8b42062af20ce207293e04be/image/30?p>

Sample Request:

POST /videos/2a6a4c2a8b42062af20ce207293e04be/image/30 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223

Content-Type: text/xml

Connection: close

<image>

http://vws-image.s3.amazonaws.com/cf4d4c42f94f182a0fa1905381b9d243.png

</image>

Exceptions: InvalidSecond

Delete an image

Sample Request:

```
DELETE /videos/0661e60a79bf0088265c5c16a78b9d7b/image HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

```
HTTP/1.1 204 No Content
```

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Player Themes

Player theme configuration operations.

Get all themes

Parameters:

- defaultSearch
 - the associated value must be a string
 - the method will return all themes whose title matches the value
 - ex: test

Sample Request:

```
GET /themes HTTP/1.1
```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```
<themes>
  <theme>
    <item>00f81cfc85832489058ef69ed54548fc</item>
    <title>green theme</title>
    <main_color>0xffff00</main_color>
    <text_color>0x00ffff</text_color>
    <added>2008-10-03T15:15:58+03:00</added>
    <number_of_pages>5</number_of_pages>
  </theme>
  ...
</themes>
```

Create a player theme

Sample Request:

POST / themes HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
title=greentheme&main_color=0xffff00&text_color=0x00ffff&slider_color=0xff00ff

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: InvalidLength, InvalidValue

Get player theme information

Sample Request:

```
GET /themes/ 00f81cfc85832489058ef69ed54548fc HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Content-Length: 223  
Connection: close  
Content-Type: text/xml
```

```
<theme>  
  <item>00f81cfc85832489058ef69ed54548fc</item>  
  <title>green theme</title>  
  <main_color>0xffff00</main_color>  
  <text_color>0x00ffff</text_color>  
  <added>2008-10-03T15:15:58+03:00</added>  
</theme>
```

Update player theme information

Sample Request:

```
POST /themes/00f81cfc85832489058ef69ed54548fc HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

title=greentheme&main_color=0xffff00&text_color=0x00ffff&slider_color=0xff00ff

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Delete a player theme

Sample Request:

DELETE /themes/00f81cfc85832489058ef69ed54548fc HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Players

Players configuration.

Get all players

Parameters:

- defaultSearch
 - the associated value must be a string
 - the method will return all players whose title matches the value
 - ex: test
- byTheme
 - the associated value must be a valid theme ID
 - the method will return all players that have the given theme
 - ex: 00f81cfc85832489058ef69ed54548fc

Sample Request:

```
GET /players HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

<players>
  <player>
    <item>daf81cfc85832489058ef69ed5454800</item>
    <title>green player</title>
    <added>2008-10-03T15:15:58+03:00</added>
    <theme>00f81cfc85832489058ef69ed54548fc</theme>
    <width>460</width>
    <height>380</height>
    <autoplay>1</autoplay>
    <logo>61f5fa69491493e24d5f7ed733a69e2d</logo>
    <logo_position>1</logo_position>
    <type>single</type>
    <share>
      <shar>1</shar>
      <shar>2</shar>
    </share>
    <ad_server_address>http://www.adserver.com/ad1</ad_server_address>
    <ad_type>1</ad_type>
    <number_of_pages>5</number_of_pages>
  </player>
  ...
</players>
```

Create player

Parameters:

- logo_position - can take 4 values: 1(top-left), 2 (top-right), 3 (bottom-right), 4 (bottom-left)
- share - can take the following values: 0(no sharing), 1(email to friend), 2(get embed code) - if no value is provided for the share attribute all of them will be added by default (except 0)
- ad_type - can take the following values: 1(pre-roll), 2(post-roll)
- type - can take 2 values: simple and playlist

Sample Request:

POST / players HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

title=greenplayer&theme=00f81cfc85832489058ef69ed54548fc&width=460&height=380
&autoplay=1&logo=61f5fa69491493e24d5f7ed733a69e2d&logo_position=1&
type=single&share[]=1&share[]=2&ad_server_address=www.adserver.com/ad1
&ad_type=1

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Exceptions: InvalidLength, InvalidValue

Get player information

Sample Request:

GET /players/daf81cfc85832489058ef69ed5454800 HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<player>
  <item>daf81cfc85832489058ef69ed5454800</item>
  <title>green player</title>
  <added>2008-10-03T15:15:58+03:00</added>
  <theme>00f81cfc85832489058ef69ed54548fc</theme>
  <width>460</width>
  <height>380</height>
  <autoplay>1</autoplay>
  <logo>61f5fa69491493e24d5f7ed733a69e2d</logo>
  <logo_position>1</logo_position>
  <type>single</type>
  <share>
    <shar>0</shar>
  </share>
  <ad_server_address>http://www.adserver.com/ad1</ad_server_address>
  <ad_type>1</ad_type>
</player>
```

Exceptions: NoSuchPlayer

Update player information

Sample Request:

POST /players/daf81cfc85832489058ef69ed5454800 HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

title=greenplayer&theme=00f81cfc85832489058ef69ed54548fc&width=460&height=380
&autoplay=1&logo=61f5fa69491493e24d5f7ed733a69e2d&logo_position=1&type=single
&share[]=0&ad_server_address=www.adserver2.com/ad2&ad_type=2

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Exceptions: NoSuchPlayer

Delete player

Sample Request:

```
DELETE /players/daf81cfc85832489058ef69ed5454800 HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Connection: close
```

Exceptions: NoSuchPlayer

Logos

Logo operations.

Get all logos

Sample Request:

```
GET /logos HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```
<logos>
  <logo>
    <item>3f555eee56c70f759a0926bf2fec4e0.png</item>
    <height>24</height>
    <width>111</width>
    <added>2008-10-21T12:23:28+03:00</added>
    <name>xxxx</name>
    <mime>image/gif</mime>
    <link>logo link</link>
  </logo>
  ....
</logos>
```

Upload a logo

Sample Request:

```
PUT /logos/logo_name HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 201 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<logo>164324f906565e23d94a174c425fba14.jpeg</logo>
```

Exceptions: InvalidFile , UploadError

Get logo information

Sample Request:

```
GET /logos/164324f906565e23d94a174c425fba14.jpeg HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<logo>
  <item>3f555eee56c70f759a0926bf2feca4e0.png</item>
  <height>24</height>
  <width>111</width>
  <added>2008-10-21T12:23:28+03:00</added>
  <name>xxxx</name>
  <mime>image/gif</mime>
  <link>logo link</link>
</logo>
```

Delete a logo

Sample Request:

```
DELETE /logos/164324f906565e23d94a174c425fba14.jpeg HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Reports

Reports

Get client information

Sample Request:

```
GET /reports/info/ HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Content-Length: 223  
Connection: close  
Content-Type: text/xml
```

```
<user_info>  
  <encoding_requests>23</encoding_requests>  
  <total_videos>12</total_videos>  
  <encoding>  
    <error>2</error>  
    <queue>3</queue>  
    <ready>18</ready>  
  </encoding>  
</user_info>
```

Usage report

Sample Request:

GET /reports/usage/year/2009/month/07/ HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<usage_stats>
  <usage_stat>
    <date>2009-07-10</date>
    <uploaded>4.486</uploaded>
    <streamed>0.049</streamed>
    <encoding_requests>15</encoding_requests>
    <storage>0.667</storage>
    <number_videos>7</number_videos>
    <number_streams>18</number_streams>
  </usage_stat>
</usage_stats>
```

Player syndication stats

Parameters:

- byVideo
 - the associated value must be a valid video ID
 - ex: edcbfe483cac24ea34e1432a8d6ba521
- byFormat
 - the associated value must be a valid format ID
 - ex: 1
- byPlayer
 - the associated value must be a valid player ID
 - ex: a1739af10f16d73c9dabc4ef0bc52c3c
- byDateRange
 - the associated value must have the following format: date_start|date_end

- date_start and date_end have to be valid dates in the form of yyyy-mm-dd
- ex: 2009-09-01|2009-09-15
- byTimeInterval
 - the associated value can be one of the following: day, week, month, year
 - optionally a number of units can be specified
 - ex: week|2
 - for the example above the method will return the stats for entries created within the past 2 weeks (to date)
 - the default number of units is 1

Sample Request:

```
GET /reports/
syndication?filter_name[]=byVideo&filter_value[]=edcbfe483cac24ea34e1432a8d6ba521
&filter_name=byPlayer&filter_value[]=a1739af10f16d73c9dabc4ef0bc52c3c HTTP/
1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<players_stats>
  <players_stat>
    <item>dea1860adb1bc7bcd0f94d93bc7c24ac</item>
    <format>1</format>
    <host>admin.videopublishing.com</host>
    <player_item>a1739af10f16d73c9dabc4ef0bc52c3c</player_item>
    <player_name>Single player test</player_name>
    <publish>affaa881c7078802f7a1718c2ac94ccf</publish>
    <stream>edcbfe483cac24ea34e1432a8d6ba521_1</stream>
    <stream_bytes>2</stream_bytes>
    <stream_time>5</stream_time>
    <video>edcbfe483cac24ea34e1432a8d6ba521</video>
```

```
    <deleted>1</deleted>
    <views>1</views>
  </players_stat>
  <players_stat>
    <item>dea1860adb1bc7bcd0f94d93bc7c24ac</item>
    <format>1</format>
    <host>localhost</host>
    <player_item>a1739af10f16d73c9dabc4ef0bc52c3c</player_item>
    <player_name>Single player test</player_name>
    <publish>affaa881c7078802f7a1718c2ac94ccf</publish>
    <stream>edcbfe483cac24ea34e1432a8d6ba521_1</stream>
    <stream_bytes>2</stream_bytes>
    <stream_time>5</stream_time>
    <video>edcbfe483cac24ea34e1432a8d6ba521</video>
    <deleted>0</deleted>
    <views>1</views>
  </players_stat>
  ...
</players_stats>
```

Quick Stats

Notes:

- the time parameter can be: day, yesterday, week, month

Sample Request:

```
GET /reports/quick_stats/week/ HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
```

```
Server: VideoPublishing
```

```
Content-Length: 223
```

```
Connection: close
```

```
Content-Type: text/xml
```

```
<quick_stats>
  <views>491</views>
  <bandwidth>74</bandwidth>
  <requests>75</requests>
</quick_stats>
```

Live events

Manage live events

Get all live events

Sample Request:

```
GET /events/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<live_events>
  <live_event>
    <item>060481b1de834b4cfcaf2a2b2d4d8e75</item>
    <name>Live event name</name>
    <type>video</type>
    <countries>
      <country>GB</country>
      <country>RO</country>
      <country>ES</country>
    </countries>
    <is_allowed>1</is_allowed>

  <master_start_date>2008-10-21T12:23:28+03:00</master_start_date>
```

```
        <master_stop_date>2008-10-21T12:23:28+03:00</master_stop_date>
        <added>2008-10-21T12:23:28+03:00</added>
    </live_event>
    ...
</live_events>
```

Get live event information

Sample Request:

```
GET /events/164324f906565e23d94a174c425fba14 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<live_event>
  <item>164324f906565e23d94a174c425fba14</item>
  <name>Live event name</name>
  <type>video</type>
  <countries>
    <country>GB</country>
    <country>RO</country>
    <country>ES</country>
  </countries>
  <is_allowed>1</is_allowed>
  <master_start_date>2008-10-21T12:23:28+03:00</master_start_date>
  <master_stop_date>2008-10-21T12:23:28+03:00</master_stop_date>
  <added>2008-10-21T12:23:28+03:00</added>
</live_event>
```

Create a live event

the *type* attribute can take only one of the following values: *audio*, *video*

Sample Request:

```
POST /events/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Exceptions: RequiredValueMissing, InvalidValue

Update live event information

Notes:

- when updating the list of countries, if the disconnect attribute is set to 1 all the users from the unauthorized countries will immediately be disconnected;
- if disconnect is set to 0 or not provided at all, the users from unauthorized countries will be blocked the next time they connect

Sample Request:

```
POST /events/164324f906565e23d94a174c425fba14 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
name=Event1&type=audio&countries[]=FR&countries[]=RO&is_allowed=1&disconnect=1
```

Sample Response :

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Start recording a live event

Sample Request:

```
POST /events/164324f906565e23d94a174c425fba14/record/start HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Stop recording a live event

Sample Request:

```
POST /events/164324f906565e23d94a174c425fba14/record/stop HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Start recording a live event segment

Sample Request:

```
POST /events/164324f906565e23d94a174c425fba14/slice/start HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Connection: close
```

Stop recording a live event segment

Sample Request:

```
POST /events/164324f906565e23d94a174c425fba14/slice/stop HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Connection: close
```

Check if a live event is being recorded

Sample Request:

```
HEAD /events/164324f906565e23d94a174c425fba14/record/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Check if a live event segment is being recorded

Sample Request:

```
HEAD /events/164324f906565e23d94a174c425fba14/slice/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Delete live event

Notes:

- all player associations will also be removed

Sample Request:

DELETE /events/164324f906565e23d94a174c425fba14 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
name=Event1&type=audio&countries[]=FR&countries[]=RO

Sample Response :

HTTP/1.1 204 No content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Publish a live event

Sample Request:

GET /events/164324f906565e23d94a174c425fba14/
embed?player=060481b1de834b4cfcaf2a2b2d4d8e75 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

<embed>
 <!-- BEGIN VideoPublishing.com Player -->

```
<script type="text/javascript"
src="http://player.dev.videopublishing.com/player.js"></script>

<script type="text/javascript">
    loadPlayer('player_4060e03ea806e5d99af195baeb0b543d', 'live.swf', 480,
360, {stream:'asdasdfdfghsdggawewe',
player:'4060e03ea806e5d99af195baeb0b543d'});
</script>

    <div id="player_4060e03ea806e5d99af195baeb0b543d"></div>
    <!-- END VideoPublishing.com Player -->
</embed>
```

Skins

Skins operations

Get all skins

Sample request:

```
GET /skins HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 11:33:27 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

```
Date: Thu, 13 Aug 2008 11:33:28 GMT
Server: VideoPublishing
Content-Length: 317
Connection: close
Content-Type: text/xml
```

```
<skins>
  <skin>
    <item>13b7ce9586ccb56c38a86b7885252fd4</item>
    <added>2009-08-12T10:33:52+00:00</added>
    <name>new_skin.swf</name>
    <link>... skin link ...</link>
```

```
</skin>
<skin>
  <item>8d6966e00316edeb86ce3b9fe4c967ea</item>
  <added>2009-08-11T12:31:38+00:00</added>
  <name>recycling_skin.swf</name>
  <link>... skin link ...</link>
</skin>
</skins>
```

Get skin information

Sample request:

```
GET /skins/13b7ce9586ccb56c38a86b7885252fd4 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 11:35:27 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample response:

```
HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 11:35:28 GMT
Server: VideoPublishing
Content-Length: 101
Connection: close
Content-Type: text/xml
```

```
<skin>
  <added>2009-08-12T10:33:52+00:00</added>
  <name>new_skin.swf</name>
  <link>... skin link...</link>
</skin>
```

Upload skin

Sample request:

```
PUT /skins/skin_name.swf HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 11:40:10 GMT
X-VWS-Client: test-account
```

X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 201 Created

Date: Thu, 13 Aug 2008 11:40:13 GMT

Server: VideoPublishing

Content-Length: 64

Connection: close

Content-Type: text/xml

<skin>f70051d3e1698c352283f4716a3400c4</skin>

Delete skin

Sample request:

DELETE /skins/f70051d3e1698c352283f4716a3400c4 HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 13 Aug 2008 11:50:25 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 204 No content

Date: Thu, 13 Aug 2008 11:50:29 GMT

Server: VideoPublishing

Connection: close

Publish

Players associations / publish operations

Get player's associations

Because a player is just a container, here you can take all its associations, either streams or playlists. So, here you can see the full "publish" activity of a player.

Sample request:

GET /publish/?player=c6d72b305b0ed1bccadc5ed6ab39546b HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:50:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 12:50:28 GMT
Server: VideoPublishing
Content-Length: 101
Connection: close
Content-Type: text/xml

```
<associations>
  <association>
    <item>7f45802bba3bd9cee097517a96226906</item>
    <pages>
      <page></page>
    </pages>
    <element>eb6b2bab05944295d6e3a81411f884e8_1</element>
    <player>c6d72b305b0ed1bccadc5ed6ab39546b</player>
    <type>single</type>
    <added>2009-08-24T12:30:23+00:00</added>
    <links>
      <link>000001|0|</link>
    </links>
    <embed_style>1</embed_style>
    <public_preview>1</public_preview>
  </association>
</associations>
```

Get element's associations

Here you can see what players were used to publish a particular stream or play list.

Sample request:

GET /publish/?element=eb6b2bab05944295d6e3a81411f884e8&type=single HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:51:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 11:51:28 GMT

Server: VideoPublishing

Content-Length: 101

Connection: close

Content-Type: text/xml

```
<associations>
  <association>
    <item>7f45802bba3bd9cee097517a96226906</item>
    <pages><page></page></pages>
    <element>eb6b2bab05944295d6e3a81411f884e8_1</element>
    <player>c6d72b305b0ed1bccadc5ed6ab39546b</player>
    <type>single</type>
    <added>2009-08-24T12:30:23+00:00</added>
    <links><link>000001|0</link></links>
    <embed_style>1</embed_style>
    <public_preview>1</public_preview>
  </association>
  <association>
    <item>60dd6ef3b721e1fefa6c391187d17578</item>
    <pages>
      <page></page>
    </pages>
    <element>eb6b2bab05944295d6e3a81411f884e8_2</element>
    <player>a1739af10f16d73c9dabc4ef0bc52c3c</player>
    <type>single</type>
    <added>2009-08-25T06:30:54+00:00</added>
    <links>
      <link>000001|100|middle</link>
    </links>
    <embed_style>3</embed_style>
    <public_preview>0</public_preview>
  </association>
</associations>
```

Delete entry

Sample request:

```
DELETE /publish/7f45802bba3bd9cee097517a96226906 HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 13 Aug 2008 12:52:25 GMT

X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 204 No content

Date: Thu, 13 Aug 2008 11:52:29 GMT
Server: VideoPublishing
Connection: close

Get the embed code

Deprecated as with 12.09.2009

Sample request:

GET /publish/60dd6ef3b721e1fefafa6c391187d17578/embed HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:53:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 12:53:28 GMT
Server: VideoPublishing
Content-Length: 101
Connection: close
Content-Type: text/xml

<embed>

```
<!-- BEGIN VideoPublishing.com Player -->  
<script type="text/javascript" src="http://player.dev.videopublishing.com/player.js"></script>  
<script type="text/javascript"> loadPlayer('player_a1739af10f16d73c9dabc4ef0bc52c3c',  
'player.swf', 640, 360,  
{stream:'mp4:2f92f097d62c70184d2b5c7af39888cb:eb6b2bab05944295d6e3a81411f884e8_2.mp4',  
player:'a1739af10f16d73c9dabc4ef0bc52c3c'}); </script>  
<div id="player_a1739af10f16d73c9dabc4ef0bc52c3c"></div>  
<ul>  
  <li><a href="#" onclick="return jump(100)">middle</a></li>  
</ul>  
<!-- END VideoPublishing.com Player -->
```

</embed>

Get the javascript-based embed code

Sample request:

```
GET /publish/88e1bdb760365e8e050249031ef7e24a/embedjs HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:53:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample response:

```
HTTP/1.1 200 OK
```

```
Date: Thu, 13 Aug 2008 12:53:28 GMT
Server: VideoPublishing
Content-Length: 93
Connection: close
Content-Type: text/xml
```

```
<embed>
<!-- BEGIN VideoPublishing.com Player -->
<script type="text/javascript" src="http://player.dev.videopublishing.com/
player.js"></script>
<script type="text/javascript">
    loadPlayer('player_c011c982be04ee1b52c096c33b69dbf7', 'player.swf',
540, 390, {publish:'88e1bdb760365e8e050249031ef7e24a'});
</script>
<div id="player_c011c982be04ee1b52c096c33b69dbf7"></div>

<!-- END VideoPublishing.com Player -->
</embed>
```

Exceptions: NoSuchPlayerAssociation

Publish a single video

The request body can be optionally populated with a "links" array. In fact these are second/title pairs that can allow you to create embeddable codes with links or bookmarks with specific time points along the video.

Sample request:

POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b/
stream/33cd44d9073f66476beeeacb1360a611_1 HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:52:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

links[160]=middle&links[320]=end

Sample response:

HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 12:52:30 GMT
Server: VideoPublishing
Content-Length: 50
Connection: close
Content-Type: text/xml

<item>d235fa8b747b8198b78c32724f6d6d9b</item>

Publish a playlist

Sample request:

POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b/
playlist/6e82ae4e98c4149c1707649b3ede365e HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:55:33 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample response:

HTTP/1.1 200 OK

Date: Thu, 13 Aug 2008 12:55:36 GMT
Server: VideoPublishing
Content-Length: 50
Connection: close
Content-Type: text/xml

<item>a45aac1355d2b2ef3333d0a6158ffd69</item>

Publish an audio item

Sample request:

```
POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b/
audio/6e82ae4e98c4149c1707649b3ede365e_2 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:55:33 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample response:

```
HTTP/1.1 200 OK
```

```
Date: Thu, 13 Aug 2008 12:55:36 GMT
Server: VideoPublishing
Content-Length: 50
Connection: close
Content-Type: text/xml
```

<item>a45aac1355d2b2ef3333d0a6158ffd69</item>

Change hosts status

Allow or Block streaming on certain hosts. With this option you have a better control over your embeds and you can choose at anytime to disable a certain host to play the embed code.

Sample request:

```
POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b/hosts/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:53:25 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

```
hosts[]=host1.example.com&hosts[]=host2.example2.com&status=1
```

Sample response:

HTTP/1.1 204 OK

Date: Thu, 13 Aug 2008 12:53:30 GMT
Server: VideoPublishing
Connection: close

Get all hosts

Sample request:

```
GET /publish/c6d72b305b0ed1bccadc5ed6ab39546b/hosts HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 13 Aug 2008 12:52:25 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample response:

```
HTTP/1.1 200 OK  
  
Date: Thu, 13 Aug 2008 12:52:30 GMT  
Server: VideoPublishing  
Content-Length: 50  
Connection: close  
Content-Type: text/xml
```

```
<hosts>  
  <host>admin.videopublishing.com</host>  
  ...  
</hosts>
```

Video Segments

Video segments operations

Get all video segments

Parameters:

- byState
 - the associated value must be an integer representing the state of the segment
 - the method will return all segments in the given state
 - ex: 1

- the state values are:
 - 0 - ERROR
 - 1 - UNPROCESSED
 - 3 - PROCESSING QUEUE
 - 4 - PROCESSING
 - 7 - READY
- byEvent
 - the associated value must be a valid live event ID
 - the method will return all segments associated with the given ID
 - ex: 89d6b32655f587a76c0ef953bd523358
- byParentVideo
 - the associated value must be a valid video ID
 - the method will return all segments that are children of the given video
 - ex: 8402ac1787ab980273c2bae3a6bec2ff
- orphanSegments
 - the associated value must be a valid live event ID
 - the method will return all segments associated with that event that don't yet have a parent video; active segments (the ones that have a start time but not a stop time) will not be included in the results
 - ex: 89d6b32655f587a76c0ef953bd523358
- activeSegment
 - the associated value must be a valid live event ID
 - the method will return the currently active segment (the one that has a start time, but no stop time) associated to this event
 - ex: 89d6b32655f587a76c0ef953bd523358
- unprocessed
 - the associated value must be a valid video ID representing the parent video
 - the method will return all segments of the given parent video that are in any state other than 4 (READY)
 - ex: 8420ac1787ab980273c2bae3a6bec2ff

Sample Request:

```
GET /segments/ HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK
```

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<segments>
  <segment>
    <item>9f107dcb8e9021eb19955d290d229134</item>
    <state>1</state>
    <added>2010-01-26T09:36:36+00:00</added>
    <stop_time>62.03</stop_time>
    <parent>be1c31b3b8a5eb9485d0be9de6fe1496</parent>
    <start_time>25.12</start_time>
    <live>ae5a1355222657a6ac1789d6e978fed6</live>
  </segment>
  <segment>
    <item>663b77f8096faa8e1efabfb861abb1c2</item>
    <state>4</state>
    <added>2010-01-26T09:36:36+00:00</added>
    <stop_time>62.03</stop_time>
    <parent>be1c31b3b8a5eb9485d0be9de6fe1496</parent>
    <start_time>25.12</start_time>
    <video>03b0cc982e8be02ca043f714716f3d59</video>
  </segment>
  ...
</segments>
```

Create new video segments

Notes:

- this method will only create the entries in the database; for the entry to be processed and saved as a video the **Process video segments** methods should be called
- if a segment already exists with the same start / stop times, a new one will not be created

Sample Request:

POST /segments/ HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

parent=8402ac1787ab980273c2bae3a6bec2ff×[]=2.35|20.00×[]=25.12|62.03

Sample Response:

HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Connection: close

Get video segment information

Sample Request:

GET /segments/00f81cfc85832489058ef69ed54548fc HTTP/1.1

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response:

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<segment>
  <item>9f107dcb8e9021eb19955d290d229134</item>
  <state>1</state>
  <added>2010-01-26T09:36:36+00:00</added>
  <stop_time>62.03</stop_time>
  <parent>be1c31b3b8a5eb9485d0be9de6fe1496</parent>
  <start_time>25.12</start_time>
  <live>ae5a1355222657a6ac1789d6e978fed6</live>
  <video>03b0cc982e8be02ca043f714716f3d59</video>
</segment>
```

Update a video segment

Notes:

- only unprocessed segments can be edited

Sample Request:

```
POST /segments/00f81cfc85832489058ef69ed54548fc HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

```
start_time=32.5&stop_time=65.23
```

Sample Response:

```
HTTP/1.1 204 No Content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
```

```
Server: VideoPublishing
```

```
Connection: close
```

Process all video segments of the same video

Notes:

- this method will send all unprocessed segments as well as segments in the error state to the encoder to be processed
- the ID of the parent video will have to be provided as parameter

Sample Request:

```
POST /segments/process/00f81cfc85832489058ef69ed54548fc HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response:

```
HTTP/1.1 204 No Content
```

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close

Delete a video segment

Notes:

- only the association between the video segment and the parent video will be deleted; the segment video will still remain the the videos section

Sample Request:

```
DELETE /segments/00f81cfc85832489058ef69ed54548fc HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response:

```
HTTP/1.1 204 No Content
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Connection: close
```

Audio items

Audio items operations

Get all audio items

Parameters:

- defaultSearch
 - the associated value must be a string
 - the method will return all audio items whose title or tags matches the value
 - ex: test
- byTags
 - the associated value must be an urlencoded string of comma separated tags
 - ex: tag1, tag2, tag3
- byDateUploaded
 - the associated value must be a valid date in the form of yyyy-mm-dd
 - ex: 2009-09-30

- byViews
 - the associated value must be an integer
 - the method will return the most viewed X audio items, ordered by views desc, where X is the filter value
 - ex: 10
- byFormat
 - the associated value must be a valid format ID
 - the method will return all the audio items that have been encoded in the given format
 - ex: 2
- byRecent
 - the associated value must be and integer
 - the method will return the most recent X uploaded audio files, where X is the filter value

Sample Request:

```
GET /audio/ HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

<audio_items>
  <audio_item>
    <item>7dc78523bcf8ccfd337534846c2d903</item>
    <extension>mp3</extension>
    <duration>293</duration>
    <title>test.mp3</title>
    <added>2010-02-09T13:20:03+00:00</added>
    <views>0</views>
    <filename>test.mp3</filename>
    <bitRate>192</bitRate>
```

```

        <size>7030599</size>
        <info>
{"codec":"mp3","sampleRate":"44100Hz",";channels":"2channels","format":"s16","bitrate":
kb\ /s"}
        </info>
        <number_of_pages>1</number_of_pages>
        <streamed_kb>0</streamed_kb>
        <streamed_sec>0</streamed_sec>
        <streams_size>0</streams_size>
        <streamed_mb>0</streamed_mb>
        <image>
http://dev-vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/audio-
image/7dc78523bcf8ccfd337534846c2d903.png
        </image>
        <thumbnail>
http://dev-vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/audio-
thumb/7dc78523bcf8ccfd337534846c2d903.png
        </thumbnail>
    </audio_item>
    ...
</audio_items>

```

Upload a video

Important: Care must be taken when the video name contains spaces to properly encode the name as specified in RFC 1738 <http://www.faqs.org/rfcs/rfc1738> which means to replace the spaces with %20. However the authentication string must be calculated with non encoded value of the video name.

Sample Request:

```

PUT /audio/upload/audio_name HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
Content-Length: 9545778
Expect: 100-continue
the video content here

```

Sample Response :

```

HTTP/1.1 100 Continue

```

HTTP/1.1 201 Created

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 68

Connection: close

Content-Type: text/xml

<item>2a6a4c2a8b42062af20ce207293e04be</item>

Get information about a video

Sample Request:

```
GET /audio/0661e60a79bf0088265c5c16a78b9d7b/ HTTP/1.1
```

Host: api.videopublishing.com

Date: Thu, 17 Jul 2008 14:52:54 GMT

X-VWS-Client: test-account

X-VWS-Accept: xml

X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 340

Connection: close

Content-Type: text/xml

<audio_item>

 <extension>mp3</extension>

 <duration>293</duration>

 <title>test.mp3</title>

 <added>2010-02-09T13:20:03+00:00</added>

 <views>0</views>

 <filename>test.mp3</filename>

 <bitRate>192</bitRate>

 <size>7030599</size>

 <info>

 {"codec":"mp3","sampleRate":"44100

Hz","channels":"2channels","format":"s16","bitrate":"192 kb\ /s"}

 </info>

```
<streamed_kb>0</streamed_kb>
<streamed_sec>0</streamed_sec>
<streams_size>0</streams_size>
<streamed_mb>0</streamed_mb>
<image>
http://dev-vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/audio-
image/7dc78523bcf8ccfd337534846c2d903.png
</image>
<thumbnail>
http://dev-vws-e.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/audio-
thumb/7dc78523bcf8ccfd337534846c2d903.png
</thumbnail>
</audio_item>
```

Update audio item information

Note :

- Will update only the fields found in POST, the missing ones will be ignored

Sample Request:

```
POST /audio/2a6a4c2a8b42062af20ce207293e04be HTTP/1.1
```

```
Host: api.videopublishing.com
```

```
Date: Thu, 17 Jul 2008 14:52:54 GMT
```

```
X-VWS-Client: test-account
```

```
X-VWS-Accept: xml
```

```
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

```
post content:
```

```
title=title&description=description&tags=fist one,second
one&countries[]=GB&countries[]=US&countries[]=FR&is_allowed=0
```

Sample Response :

```
HTTP/1.1 204 NO CONTENT
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
```

```
Server: VideoPublishing
```

```
Connection: close
```

Delete an audio item

Notes :

- will delete the associated resources : audio formats, thumbnail, image

- all player associations for all the audio formats will also be deleted

Sample Request:

```
DELETE /audio/2a6a4c2a8b42062af20ce207293e04be HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No Content

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Connection: close
```

Audio formats

Operations on audio formats

List available formats for an audio item

Sample Request:

```
GET /audio/0661e60a79bf0088265c5c16a78b9d7b/formats/ HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<audio_formats>
  <audio_format>
    <item>88176ac693cb5ecb06f3654a6787b1cd_3</item>
    <audio>88176ac693cb5ecb06f3654a6787b1cd</audio>
    <added>2010-02-09T14:47:36+00:00</added>
    <views>0</views>
    <state>3</state>
    <format>3</format>
    <size>0</size>
  </audio_format>
  ...
</audio_formats>
```

Encode a new format for an audio item

Sample Request:

```
POST /audio/0661e60a79bf0088265c5c16a78b9d7b/formats/2 HTTP/1.1
```

```
Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 201 Created
```

```
Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml
```

```
<item>06b8d26c84723396d4793540ae996acd_2</item>
```

Get info about an audio format

Sample Request:

```
GET /audio/0661e60a79bf0088265c5c16a78b9d7b/formats/2 HTTP/1.1
```

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 223
Connection: close
Content-Type: text/xml

```
<audio_format>  
  <added>2010-02-09T14:47:36+00:00</added>  
  <audio>88176ac693cb5ecb06f3654a6787b1cd</audio>  
  <views>0</views>  
  <state>3</state>  
  <format>3</format>  
  <size>0</size>  
</audio_format>
```

Get format name for streaming

The returned string follows this pattern: *client_id:stream_id.extension*

Sample Request:

GET /audio/0661e60a79bf0088265c5c16a78b9d7b/formats/2/string HTTP/1.1

Host: api.videopublishing.com
Date: Thu, 17 Jul 2008 14:52:54 GMT
X-VWS-Client: test-account
X-VWS-Accept: xml
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT
Server: VideoPublishing
Content-Length: 50

Connection: close
Content-Type: text/xml

```
<string>  
    ee6bcc59d3ae3c7e456171fd04acdd78:88176ac693cb5ecb06f3654a6787b1cd_3.mp4  
</string>
```

Delete an audio format

Notes:

- the deleted stream will be removed from any play list that might contain it
- all player associations will also be deleted

Sample Request:

```
DELETE /audio/0661e60a79bf0088265c5c16a78b9d7b/formats/2 HTTP/1.1
```

```
Host: api.videopublishing.com  
Date: Thu, 17 Jul 2008 14:52:54 GMT  
X-VWS-Client: test-account  
X-VWS-Accept: xml  
X-VWS-Auth: 90a6d325e982f764f86a7e248edf6a660d4ee833
```

Sample Response :

```
HTTP/1.1 204 No Content  
  
Date: Thu, 17 Jul 2008 14:52:55 GMT  
Server: VideoPublishing  
Connection: close
```

3. Pagination, sorting and filtering

Pagination

Sample request:

```
GET /players?page=2 HTTP/1.1
```

Expected parameters:

- page
 - must be an integer > 1
 - if the requested page is greater than the total number of pages, the results from the last page will be returned

- a new attribute called 'number_of_pages' will be added to each element in the result and will contain the total number of pages available for the current query:

Sample Response :

HTTP/1.1 200 OK

Date: Thu, 17 Jul 2008 14:52:55 GMT

Server: VideoPublishing

Content-Length: 223

Connection: close

Content-Type: text/xml

```
<players>
  <player>
    <item>daf81cfc85832489058ef69ed5454800</item>
    <title>green player</title>
    <added>2008-10-03T15:15:58+03:00</added>
    <theme>00f81cfc85832489058ef69ed54548fc</theme>
    <width>460</width>
    <height>380</height>
    <autoplay>1</autoplay>
    <logo>61f5fa69491493e24d5f7ed733a69e2d</logo>
    <logo_position>1</logo_position>
    <type>single</type>
    <number_of_pages>3</number_of_pages>
  </player>
  ...
</players>
```

Sorting

Sample request:

GET /videos?order_by=title&order_direction=desc

Expected parameters:

- order_by
 - mandatory
 - the name of the field by which to sort
- order_direction
 - optional
 - the direction in which to sort (ascending or descending)
 - can be *asc* or *desc*(default to *desc*)

Filtering

Sample request:

GET

/videos?filter_name[]=byTags&filter_value[]=test&filter_name[]=byUploadedDate&filter_value[]=2009-08-26

Expected parameters:

- filter_name
 - mandatory
 - must be an array, even if it only contains one filter
 - if a filter with that name does not exist for that resource, the filter will be ignored
- filter_value
 - mandatory
 - must be an array with the same size as the filter_value array

4. Exceptions

Error Code	Error Message	HTTP Status Code
AccessDenied	Item cannot be deleted while encoding	403
AuthHeaderMissing	Authentication failed because the authorization header is missing	400
AuthTimeDifference	Authentication failed because of an authorization time difference	400
ClientHeaderMissing	Authentication failed because the client identifier is missing	400
DateHeaderMissing	Authentication failed because the date header is missing	400
DuplicateItem	The item you are trying to create already exists	400
EncodingLimitExceeded	You have exceeded your encoding requests limit	404
EventIsRecording	Cannot delete a live event while it is being recorded	400
InactiveEvent	The requested event is not active	404
InternalServerError	The service encountered an internal error. Please try again in a few moments	404
InvalidClient	Authentication failed because the client identifier is not valid	400
InvalidFile	No file was provided for upload	404

InvalidFormat	The format you provided is not a valid encoding format	404
InvalidItem	The (" + value + ") item you provided is not valid	400
InvalidLength	(" + value + ") does not have the required length	404
InvalidMethod	(" + value + ") is not a valid request method	404
InvalidResource	The resource you requested does not exist	404
InvalidSecond	The supplied second is greater then video duration	404
InvalidSecond	The supplied second must be greater than zero	404
InvalidSignature	Authentication failed because the provided signature is not valid	400
InvalidValue	(" + value + ") is not a valid value	404
MasterNotStarted	The master recording is not started	404
MasterStopped	The master recording has been stopped	404
NoSegmentsOn	No segments have been started for this event	404
NoSuchItem	The item you have requested does not exist	404
NoSuchPlayer	The player item you have requested does not exist	404
NoSuchPlayerAssociation	The player association item you have requested does not exist	404
NoSuchRecorder	Recorder not found	404
NoSuchStream	This video is not available in the format you requested	404
NoSuchVideo	The video item you have requested does not exist	404
NoVideosProvided	Unable to create the playlist because no videos were supplied	404
PlaylistFiltersMissing	The playlist can not be updated dynamically because the filters were not supplied	404
RecorderNotStopped	Cannot store the video until the recording is stopped	404
RecordingSaveError	A problem occured while saving the recording	404
RecordInProgress	The requested event is already being recorded	404
RequestTimeout	The maximum execution time has been exceeded	408
RequiredValueMissing	The value for the mandatory (" + value + ") field is missing	404
SegmentProcessing	Only unprocessed segments can be edited	400
SegmentRecording	Could not stop the master while a segment is recording	400
SegmentOn	Another segment is already on	400
StorageLimitExceded	You have exceded your storage limit	404
UploadError	An error occured during the upload	404
UploadLimitExceded	You have exceded your upload limit	404

WrongFileType	The file you uploaded is not a valid video file	404
---------------	---	-----