

**VideoPublishing.com**  
**Application Programming Interface**  
Version 18.08.2010

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# 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 60 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 60 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 a "date shot" attribute for videos, audio items and images to determine when the item has been created

## 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>
    <title>custom encoding format</title>
    <width>480</width>
    <height>360</height>
    <audiobitrate>64</audiobitrate>
    <videobitrate>300</videobitrate>
    <system>0</system>
    <type>web</type>
    <added>2009-04-21T14:08:20+00:00</added>
  </format>
```

...  
</formats>

## Create a video format

### Notes:

- the type can be 'web' or 'iphone'

### 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=my+new+format&videobitrate=500&audiobitrate=64&width=400&height=300&type=web
```

### 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>
  <title>custom video format</title>
  <width>480</width>
  <height>360</height>
  <audiobitrate>64</audiobitrate>
  <videobitrate>500</videobitrate>
  <system>0</system>
  <type>web</type>
  <added>2010-06-04T09:34:57+00:00</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

**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
- byFormatType
  - the associated value can be either 'web' or 'iphone'
  - the method will return only the videos that have at least one format of the specified type

**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>
<types>
  <type>web</type>
  <type>iphone</type>
</types>
<is_allowed>1</is_allowed>
<views>000004</views>
<date_shot>2010-07-02</date_shot>
<image>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  image/a79d4705b203f96c63dcbec4c436dad4.png
</image>
<thumbnail>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  thumb/a79d4705b203f96c63dcbec4c436dad4.png
</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 the 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:** UploadLimitExceeded, StorageLimitExceeded, 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>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  image/a79d4705b203f96c63dcbec4c436dad4.png
</image>
<thumbnail>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  thumb/a79d4705b203f96c63dcbec4c436dad4.png
</thumbnail>
<streamed_sec>56</streamed_sec>
<streamed_kb>2381</streamed_kb>
<views>000025</views>
<number_of_pages>5</number_of_pages>
<date_shot>2010-07-02</date_shot>
<hosts>
  <default_state>blocked</default_state>
  <blocked_hosts>
    <blocked_host>admin.dev.videopublishing.com</blocked_host>
    <blocked_host>test.blocked.host</blocked_host>
  </blocked_hosts>
  <allowed_hosts>
    <allowed_host>test.host.com</allowed_host>
    <allowed_host>test.other.host</allowed_host>
  </allowed_hosts>
</hosts>
<types>
  <type>web</type>
  <type>iphone</type>
</types>
</video>
```

**Exceptions:** NoSuchVideo

## Update video information

**Note:**

- Will update only the fields found in POST, the missing ones will be ignored
- The "date\_shot" attribute must be in this format: "yyyy-mm-dd"

#### 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&hosts\_default\_state=allowed&

#### 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
- all player associations for all the streams will also be deleted

#### 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 of 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
- all player associations will also be deleted

### 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

## Playlists

### 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>
    <type>video</type>
    <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 playlist

### Parameters:

- type
  - can be either "audio", "iphone" or "video"
  - audio playlist will only contain audio items
  - iPhone playlist will only contain video items encoded in an iPhone format type
  - video playlist will only contain video items, except iPhone formats

### 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[]=85a5592f1fb8989f9d58459775035e4d\_1&streams[]=85a5592f1fb8989f9d58459775035

### Sample Response :

HTTP/1.1 204 No Content

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

Server: VideoPublishing

Connection: close

**Exceptions:** NoVideosProvided, PlaylistFiltersMissing, NoItemsProvided, InvalidType, InvalidPlaylistFilters

## Get playlist information

### 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>

  <type>video</type>

```
<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 playlist 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>
<type>video</type>
<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

**Notes:**

- 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 []=85a5592f1fb8989f9d58459775035e4d\_1&streams []=85a5592f1fb8989f9d58459775035e4d\_2&

**Sample Response :**

HTTP/1.1 204 No Content

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

**Exceptions:** InvalidValue, NoItemsProvided, InvalidType, InvalidPlaylistFilters, PlaylistFiltersMissing

## Add stream to play list

**Notes:**

- adds a stream to the playlist
- only streams with the same format type as the playlist can be added.

**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

**Exceptions:** InvalidItem, InvalidType, NoSuchItem

## 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**

### **Notes:**

- all player associations will also be deleted

### **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 of 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

An audio, video or live event can have a thumbnail associated. Being very similar requests with the same headers, all three will be presented here.

### 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-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/  
thumb/0661e60a79bf0088265c5c16a78b9d7b.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

<thumbnail>

http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/  
thumb/0661e60a79bf0088265c5c16a78b9d7b.png

</thumbnail>

**Exceptions:** InvalidFile , UploadError

## Create thumbnail from a specified second

**Note :** This method is available only for videos.

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-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  thumb/0661e60a79bf0088265c5c16a78b9d7b.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

An audio, video or live event can have an image associated. Being very similar requests with the same headers, all three will be presented here.

## 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-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/  
  image/0661e60a79bf0088265c5c16a78b9d7b.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-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
    image/0661e60a79bf0088265c5c16a78b9d7b.png
</image>
```

**Exceptions:** InvalidFile , UploadError

## Create image from a specified second

**Note :** This method is available only for videos.

For previewing only, the URL should be : /videos/2a6a4c2a8b42062af20ce207293e04be/image/30?preview

### 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-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/  
        image/0661e60a79bf0088265c5c16a78b9d7b.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"
- byType
  - the associated value must be a valid player type (single, playlist)
  - the method will return all players with the specified type
  - ex: "single"

#### 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>
    <video_info>3</video_info>
    <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"
- For Acudeo integration:
  - "ad\_server\_address" must be set to "acudeo"
  - the Acudeo program ID must be passed to every individual player-stream or player-playlist association (see the Publish section for more details)
  - if the value of "ad\_server\_address" is then changed to something else, the existing embed codes generated for this player will still contain the Acudeo ads; to remove it, a new embed code must be generated

### 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&video\_info=2&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>
  <video_info>3</video_info>
  <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  
&video\_info=4&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

**Notes:**

- all associations with any elements (play lists, streams, live events) will also be removed

**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>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>
  ....
</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>
    <views>237</views>
  </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
- byEvent
  - the associated value must be a valid live event ID
  - ex: "dea1860adb1bc7bcd0f94d93bc7c24ac"
- byAudio
  - the associated value must be a valid audio ID

◦ ex: "affaa881c7078802f7a1718c2ac94ccf"

### 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>deal860adblbc7bcd0f94d93bc7c24ac</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>
<broadcasting>1</broadcasting>
<recording>1</recording>
<image>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  event-image/060481b1de834b4cfcaf2a2b2d4d8e75.png
</image>
<thumbnail>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  event-thumb/060481b1de834b4cfcaf2a2b2d4d8e75.png
</thumbnail>
<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>
<broadcasting>1</broadcasting>
<recording>1</recording>
<hosts>
  <default_state>blocked</default_state>
  <blocked_hosts>
    <blocked_host>admin.dev.videopublishing.com</blocked_host>
    <blocked_host>test.blocked.host</blocked_host>
  </blocked_hosts>
  <allowed_hosts>
    <allowed_host>test.host.com</allowed_host>
    <allowed_host>test.other.host</allowed_host>
  </allowed_hosts>
</hosts>
<image>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  event-image/060481b1de834b4cfcaf2a2b2d4d8e75.png
</image>
<thumbnail>
  http://vws-ve.s3.amazonaws.com/ee6bcc59d3ae3c7e456171fd04acdd78/
  event-thumb/060481b1de834b4cfcaf2a2b2d4d8e75.png
</thumbnail>
<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&hosts\_defau

### 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

**Deprecated as of 10.03.2010**

### 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 all associations

Get the complete list of associations

#### Parameters:

- byPlayer
  - the associated value must be a valid player item
  - the method will return all associations between the provided player and any other element
- byVideo
  - the associated value must be a valid video item
  - the method will return all associations between all the formats in which the video has been encoded and any player
- byElement
  - the associated value must be a valid element item (stream, playlist, live event)
  - the method will return all the associations of the specified element
- byType
  - the associated value must be either "single", "playlist", "audio" or "live"
  - the method will return all the associations with the specified type

#### Notes:

- to get the audio associations, a combination of filters must be applied:
  - byType must have the value "audio"
  - this alone will return all the audio associations available for the account
  - if you want to get the audio associations of only one audio item you can apply the "byVideo" with the value being your audio ID
  - ex: publish/  
associations?filter\_name[]=byType&filter\_value[]=audio&filter\_name[]=byVideo&filterValue[]=4733b65eb

**Sample request:**

GET /publish/associations/ 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 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>
    <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>
    <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>
    <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 of 12.09.2009**

**Sample request:**

GET /publish/60dd6ef3b721e1fe6a6c391187d17578/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.

### Notes:

- For Acudeo integration:
  - the attribute "ad\_server\_address" must be set to "acudeo" for the player used in the association
  - a new parameter called "acudeo" must be passed through POST, that contains the Acudeo Program ID
  - ex: acudeo=4bc435659ae46
  - id "ad\_server\_address" has a different value, the "acudeo" parameter will not be saved
  - if the value of "ad\_server\_address" is later changed to something else, the existing embed codes will still contain the Acudeo integration; to remove it, the associations must be deleted, re-created and new embed codes must be generated

### 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&acudeo=4bc435659ae46
```

### 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 single iPhone video

### Sample request:

POST /publish/iphone/33cd44d9073f66476eeeacb1360a611\_4 HTTP/1.1

Host: api.videopublishing.com  
Date: Thu, 13 Aug 2008 12:54:13 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 12:54:27 GMT  
Server: VideoPublishing  
Content-Length: 105  
Connection: close  
Content-Type: text/xml

<link>http://static.dev.videopublishing.com/  
?stream=33cd44d9073f66476eeeacb1360a611\_4&type=iphone</link>

**Exceptions:** InvalidItem, NoSuchItem

## Publish a playlist

### Notes:

- For Acudeo integration:
  - the attribute "ad\_server\_address" must be set to "acudeo" for the player used in the association
  - a new parameter called "acudeo" must be passed through POST, that contains the Acudeo Program ID
  - ex: acudeo=4bc435659ae46
  - id "ad\_server\_address" has a different value, the "acudeo" parameter will not be saved

- if the value of "ad\_server\_address" is later changed to something else, the existing embed codes will still contain the Acudeo integration; to remove it, the associations must be deleted, re-created and new embed codes must be generated

**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

acudeo=4bc435659ae46
```

**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 a playlist containing iPhone videos

**Sample request:**

```
POST /publish/iphone/playlist/a597ccf196f7cc86e5793b8efee4a9b0

Host: api.videopublishing.com
Date: Thu, 13 Aug 2008 12:57:02 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 12:57:17 GMT

Server: VideoPublishing

Content-Length: 103

Connection: close

Content-Type: text/xml

<link>http://static.videopublishing.com?playlist=a597ccf196f7cc86e5793b8efee4a9b0&type=iph

**Exceptions:** InvalidItem, NoSuchItem

## Publish a live event

### Sample request:

POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b/  
live/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>

## Edit an existing association

**Notes:**

- attributes that can be edited: element, embed\_style, player, type
- if an association is edited, it will affect all its existing embeds

**Sample request:**

POST /publish/c6d72b305b0ed1bccadc5ed6ab39546b 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

post content:  
element=8402ac1787ab980273c2bae3a6bec2ff&type=live

**Sample response:**

HTTP/1.1 204 OK

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

## Change hosts status

**Deprecated as of 30.06.2010**

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

**Deprecated as of 30.06.2010**

### 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&times[]=2.35|20.00&times[]=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 an 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":"19
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>
<date_shot>2010-07-02</date_shot>
<types>
  <type>web</type>
  <type>iphone</type>
</types>
<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 an audio item

Important: Care must be taken when the video name contains spaces to proper 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 an audio item

**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>
  <date_shot>2010-07-02</date_shot>
  <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>
  <types>
    <type>web</type>
    <type>iphone</type>
  </types>
<hosts>
  <default_state>blocked</default_state>
  <blocked_hosts>
    <blocked_host>admin.dev.videopublishing.com</blocked_host>
    <blocked_host>test.blocked.host</blocked_host>
  </blocked_hosts>
  <allowed_hosts>
```

```
        <allowed_host>test.host.com</allowed_host>
        <allowed_host>test.other.host</allowed_host>
    </allowed_hosts>
</hosts>
</audio_item>
```

## Update audio item information

### Note :

- Will update only the fields found in POST, the missing ones will be ignored
- The "date\_shot" attribute must be in this format: "yyyy-mm-dd"

### 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&hosts_default_state=allowed&
```

### 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

## Data consistency

After a database operation is performed (insert, update, delete), for a very short period of time the data returned by the API might not reflect the latest changes.

If it's important to get the latest changes after such an operation, the API can perform a consistent read. However, this might be slightly slower than a regular read.

### Sample request:

GET /videos?filter\_name[]=consistent\_read&filter\_value[]=1

**Notes:**

- to do consistent reads, the 'consistent\_read' filter must be applied and its value must be "1" (see the example above)
- consistent reads can be performed only on GET requests
- due to the fact that a consistent read operation can take slightly longer we recommend using this option only after requests that resulted in a change in the database

## 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
EventsRecording	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

InvalidPlaylistFilters	The playlist can not be updated dynamically because the filters are not valid for this playlist type	400
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
InvalidType	Invalid stream(s) for this playlist	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
NoItemsProvided	Unable to create the playlist because no items were supplied	400
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
StorageLimitExceeded	You have exceeded 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