EZDRM CPIX 2.x - Keys Guide

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Version 1.0 - Published Jan 27, 2023

Introduction

There are two methods of calling CPIX API. The first is via the EZDRM username and password, the other is via the EZDRM Secure Token. The Secure token is visible in the "My Accounts" section of accounts.ezdrm.com.

The base CPIX.aspx URL for EZDRM CPIX version 2 is shown below for CENC encryption (by default):
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**

Here is an example of the URL (Single Key) username and password with parameters defined:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?k=KeyID&u=username&p=password&c=resourcename

Here is an example of the URL (Single Key) Secure token with parameters defined:
https://cpix.ezdrm.com/keygenerator/**cpix2.aspx**?k=KeyID&**t=SecureToken**c=resourcename

The following is the XML return for the test URL above (values returned are defined in the next sections):

This XML file does not appear to have any style information associated with it. The document tree is shown below.

▼<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="" version="2.3">
  ▼<cpix:ContentKeyList>
    ▼<cpix:ContentKey explicitIV="Fbk4y   ByJIePx5A==" kid="15b938c8-d   7-afc0-1c8921e3f1e4" commonEncryptionScheme="cenc">
      ▼<cpix:Data>
        ▼<pskc:Secret>
          <pskc:PlainValue>Ku3Gfe;   30/6ukfQ==</pskc:PlainValue>
          </pskc:Secret>
        </cpix:Data>
      </cpix:ContentKey>
    </cpix:ContentKeyList>
  ▼<cpix:DRMSystemList>
    ▼<cpix:DRMSystem kid="15b938c8-d   -afc0-1c8921e3f1e4" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed">
      <cpix:PSSH>AAAAP3Bzc2gAAAAA7e+LqXnloSs6jyCf   3r8AciSHj8eQaBwV6ZHJtSOPclZsG</cpix:PSSH>
      <cpix:ContentProtectionData>PHBzc2ggeG1sbn   xxMyI+QUFBQVAzQnpjYmdBQUFBQTdlK0xxWG5sb1N2Nm3anlDZmVxUjBoN1FBQUFCWFVY1V2kkhKdFNPUGNsinNHPC9wc3NoPg==</cpix:ContentProtectionData>
      ▼<cpix:HLSSignalingData
        playlist="media">I0VYVC1YLUtFNiTpNRVRIT0Q5U0FNUExFLUF   vkY2Y3ZGVjYWNhZDIwZiWmYjNkY2VmZmFiYTQxNSxVUkk9ImRhdGE6dGV4dC9wbGFpbjtiYXNlNjQsQUFBQVAzQnpjYmdBQUFBQTdlK0xxWG5sb1N2Nm3anlDZmVxUjBoN1FBQUFCWFVY2kkhKdFNPUGN
      ▼<cpix:HLSSignalingData
        playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOk1FVEhPRD1T   xVUkk9ImRhdGE6dGV4dC9wbGFpbjtiYXNlNjQsQUFBQVAzQnpjYmdBQUFBQTdlK0xxWG5sb1N2Nm3anlDZmVxUjBoN1FBQUFCWFVY2kkhKdFNPUGNsinNHIixLRV1GT1JNQVQ9InVybjp1dWlkOmVkZWY4Ym
      </cpix:DRMSystem>
    ▼<cpix:DRMSystem kid="15b938c8-d   -afc0-1c8921e3f1e4" systemid="9a04f0/9-98d0-4286-ab92-e65bed885f95">
      <cpix:PSSH>AAABSH8zc2gAAAAAmgTweZhAQoarkuZb4IhflQAAAcTEAQAAAQABALoBPABXAFIATQBIAEUAQQBEAEUAUgAgAHgAbQBsAG4AAcwA9ACIAaAB0AHQAcAA6AC8AL+BzAGMAaAB1AGA0AYQB2AC4AbQBpAGN"Acg8vAHH1AbwBmAHQALgBjAGBABQAvAEQAUgBNAC8AMgAuADAANwAvAADAA4wAvAFAABABhAHkAUgB1AGEZAZAB5AEgAZA25S
      </cpix:PSSH>
      <cpix:ContentProtectionData>PHBzc2ggeG1sbn   xxMyI+QUFBQVjVIQnpjYmdBQUFBQsc1nVHdlwmhBUv9hcmt1wmI0Swhmbff8QUFjVEVBUUFFBQVFBQkFb0JQQUJYQVJUQVREQklBRUVBRUVVQbEBUUQBAAAB1AGA4AYQB2LFADAM08AaQB5AHIAbvBzAG80AC4AYvBvAG0ALvBEAFIATQAvADIAAvAADAuAADAMALvWBQAGvAYQB5AFIAZQBhAGSAQBIAGUAYQBkAGUAcgAiACAAdg
      ▼<cpix:HLSSignalingData
        playlist="media">I0VYVC1YLUtFNiTpNRVRIT0Q5U0FNUExFLUFFUyxVUkk9ImRi   /VURi0xNjtiYXNlNjQsEFFQUFBRUBUUM2QVR3QVZQlNBRTBBUGF0CRkrFRUFSQUJGQUZ1QUlBQjRBRBBllcFCdUFITUFQUFpQUdnQuRBQjBBSEFFBT2dBdkFDDEFjd0IqQUdnNjVdQc0lRQnpB
      ▼<cpix:SmoothStreamingProtectionHeaderData>xAEAAEAAQC6ATwAvAVSAE6   UHMAPQAiAGgAdAB0AHAAOgAvAC8AcxBjAGgAZQBtAGEAcwAuADAwAQB5AHIAbwBzAGAOAC4AYvWAvADIAMAALvBEAFIATQAvADIAMAwADAALvBQAGvAYQB5AFIAZQBhAGQAcgAiACAAdg
      </cpix:DRMSystem>
    ▼<cpix:DRMSystem kid="15b938c8-d   -afc0-1c8921e3f1e4" systemId="94ce86fb-07ff-4f43-adb8-93d2fa968ca2">
      ▼<cpix:HLSSignalingData
        playlist="media">I0VYVC1YLUtFNiTpNRVRIT0Q5U0FNUExFLU   G1M4LMRiNGQtNGNmMy1hZm9wLTFjODkyMUz1ZjFlNDoxNWI5MHzhjOGRiNGQ0Y2Y3YWZjHDFjODkyMUz1ZjFlNCIsS0VZRk9STUFPS3jb20uYXBwBGUuc3RyZWFtaW5na2V5ZGVsaXzlcnkiLEtFWUZPUk1BVFZFUl0NT05TPSIxIg==
      ▼<cpix:HLSSignalingData
        playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOk1FVEhPRC   Di0vHTV1OTfM4YzgtZGI0ZC00Y2Y3LWFmYzAt%M4OTIxZTNm%U0Oje1YjkzOG^4ZGI0ZDRjZjdhZm%e%M4OTIxZTNm%U0YiixLRV1GT1JNQVQ9InNvbS5hcHBsZS5zdHJlYW1pbmdrZXlkZWxpdmVyeSIsS0VZRk9STUFUVkVSU0lPTl09Ij
      </cpix:DRMSystem>
    </cpix:DRMSystemList>
  </cpix:CPIX>

CPIX Parameters - Single Key

For Single Key encryption, the video and audio files will have the same encryption keys.

The CPIX parameters for single key encryption are as follows (username and password) for CENC encryption (by default) using the sample URL below:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?**k=**ebXXXXXX-abXX-4XX4-8X6c-XXXXaXXfXXXX&**u=**username&**p=**password&**c=**resourcename

Parameter	Description
k=	Key ID value (client generated) in GUID format
u=	Username
p=	Password
c=	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

The CPIX parameters for single key encryption are as follows (Secure Token) for CENC encryption (by default) using the sample URL below:

https://cpix.ezdrm.com/keygenerator/cpix2.aspx?**k**=a9XXXXXX-12XX-4XX4-8X6c-XXXXaXXfXXXX&**t**=QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjlzXXXX&c=resourcename

Parameter	Description
k=	Key ID value (client generated) in GUID format (*see previous note)
t=	**t value** is the Secure Token visible in the "My Account" section of accounts.ezdrm.com
c=	Content Resource ID (such as a stream name or media asset name)

CPIX Parameters - Muti-Key

Multi-key encryption is supported with CPIX version 2. This allows for higher security with separate encryption keys for video and audio tracks and separate keys for premium video content (specify one audio and up to two keys for video files).

Username/Password – Multi Key

The CPIX parameters for multi-key encryption are as follows for CENC encryption (by default) using the sample URL below (multi-key values separated by commas; username and password) with an audio and video track:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?**k=empty**,**audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6,**video1=**6c794df2-XXXX-XxXX-bad7-80ea989a99b6&**u=username**&**p=password**&**c=resourcename**

Parameter	Description
k=empty	"empty" sent to allow for multi-key value parameters
audio1=	Key ID value (client generated) in GUID format for the audio file
video1= **video2=**	Key ID value (client generated) in GUID format for the video file(s) – up to two different Key IDs K=,AUDIO1=<GUID>,VIDEO1=<GUID> Max for multi-key is 1 audio 2 video K=,AUDIO1=<GUID>,VIDEO1=<GUID>,VIDEO2=<GUID>
u=	Username
p=	Password
c=	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

Another example showing one audio and two separate video track keys:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?**k=empty**,**audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6,**video1=**6c794df2-XXXX-XxXX-bad7-

80ea989a99b6**,video2=**7c79XXXX-1783-XXXX-bad7-80ea98XXXXb6**&u=username&p=password&c=resourcename**

Secure Token – Multi Key

The CPIX parameters for multi-key encryption are as follows for CENC encryption (by default) using the sample URL below (multi-key values separated by commas; Secure Token) with an audio and video track:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?**k=empty,audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6**,video1=**6c794df2-XXXX-XxXX-bad7-80ea989a99b6**&t=**QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX**&c=resourcename**

Parameter	Description
k=empty	"empty" sent to allow for multi-key value parameters
audio1=	Key ID value (client generated) in GUID format for the audio file
video1= **video2=**	Key ID value (client generated) in GUID format for the video file(s) – up to two different Key IDs K=,AUDIO1=\<GUID\>,VIDEO1=\<GUID\> Max for multi-key is 1 audio 2 video K=,AUDIO1=\<GUID\>,VIDEO1=\<GUID\>,VIDEO2=\<GUID\>
t=	**t value** is the Secure Token visible in the "My Account" section of accounts.ezdrm.com
c=	Content Resource ID (such as a stream name or media asset name)

See **Key Value Definitions** section for the sample XML returns.

Another example showing one audio and two separate video track keys:
https://cpix.ezdrm.com/KeyGenerator/**cpix2.aspx**?**k=empty,audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6**,video1=**6c794df2-XXXX-XxXX-bad7-80ea989a99b6**,video2=**7c79XXXX-1783-XXXX-bad7-80ea98XXXXb6**&t=**QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX**&c=resourcename**

PSSH Data

An additional flag is available to return PSSH Data when added to the end of the query string, shown in the example as follows:

Username/Password

https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?**k=empty**,**audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6**,video1=**6c794df2-XXXX-XxXX-bad7-80ea989a99b6&u=username&p=password&c=resourcename**&pssh=data**

Secure Token

https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?**k=empty**,**audio1=**5c794df2-XXXX-4d59-xxxX-80ea989a99b6**,video1=**6c794df2-XXXX-XxXX-bad7-80ea989a99b6&t=QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX&c=resourcename**&pssh=data**

At this time some encoders use only pssh data box (i.e. Hybrik) as opposed to the full pssh box for packaging (i.e. Shaka, Bento 4).

Parameter	Description
pssh=data	Returns PSSH Data box when required for certain players

CBCS Encryption

CBCS encryption uses PlayReady 4.3 Header. When this encryption is required, an additional flag is available to return when added to the end of the query string, shown in the example as follows*:

Username/Password

https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&u=username&p=password&c=resourcename**&EncryptionScheme=cbcs**

CBCS is needed for CMAF

Secure Token

https://cpix.ezdrm.com/KeyGenerator/cpix2.aspx?k=empty,audio1=5c794df2-XXXX-4d59-xxxX-80ea989a99b6,video1=6c794df2-XXXX-XxXX-bad7-80ea989a99b6&t=QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX&c=resourcename**&EncryptionScheme=cbcs**

CBCS is needed for CMAF

A query with no EncryptionScheme flag returns CENC using PlayReady 4.0 Header by default.

Parameter	Description
EncryptionScheme=cbcs	Encryption using CBCS – PlayReady 4.3 Header

Key Value Definitions

Here are the descriptions of the key values returned by EZDRM:

cpix:ContentKeyList	
commonEncryptionScheme	Common Encryption Scheme – either **CENC** (PlayReady 4.0 Header) or **CBCS** (PlayReady 4.3 Header) – **CBCS** is needed for Multi-Key
kid	Key ID in GUID format
explicitIV	Apple FairPlay Explicit IV value
PlainValue (Secret)	the Secret Content Encryption Key in Base 64 generated by EZDRM and returned as a plain value

cpix:DRMSystemList	
kid	Key ID in GUID format
systemId* *these are industry standard ID listings*	**Widevine** - edef8ba9-79d6-4ace-a3c8-27dcd51d21ed **PlayReady** - 9a04f079-9840-4286-ab92-e65be0885f95 **Apple FairPlay -** 94ce86fb-07ff-4f43-adb8-93d2fa968ca2
PSSH	Widevine PSSH value (under Widevine systemID)
PSSHData	PSSH Data box value when required for certain packagers (under Widevine systemID)
PSSH	PlayReady PSSH Value (under the PlayReady systemID)
ContentProtectionData	The MS Pro Header
HLSSignalingData	Apple FairPlay HLS Signaling Data (under the Apple FairPlay systemID)

XML Return – Single Key (Default CENC + PSSH Data)

Username/Password

https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=15b9XXXX-db4d-XXXX-afc0-1c89XXXXf1e4&u=username&p=password&pssh=data

Secure Token

https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=15b9XXXX-db4d-XXXX-afc0-1c89XXXXf1e4&**t=**QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX&pssh=data

```
<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="" version="2.3">
<cpix:ContentKeyList>
<cpix:ContentKey explicitIV="FbkXXXXXXXXvwByJIePx5A==" kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" commonEncryptionScheme="cenc">
<cpix:Data>
<pskc:Secret>
<pskc:PlainValue>Ku3GfeyXXXXXXXXz3O/6ukFQ==</pskc:PlainValue>
</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
</cpix:ContentKeyList>
<cpix:DRMSystemList>
<cpix:DRMSystem kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" systemId="edef8ba9-79d6-4ace-a3c8-27dcd51d21ed"> // Widevine
<cpix:PSSH>AAAAP3Bzc2gAAAAA7e+LgXnWSs6XXXXXXXXXXQAAAB8SEBW5OMjbTUz3r8AciSHj8eQaBWV6ZXXXXOPclZsG</cpix:PSSH>
<cpix:PSSHData>EhAVuXXXXXXXX6/AHIkh4/HkGgVlemRybUjXXXXbBg==</cpix:PSSHData>
<cpix:ContentProtectionData>PHBzc2ggGeG1sbnM9InVybjpXXXXXXXXXXmM6MjAxMyI+QUFBQVAzQnpjMmdBQUFBQTdlK0xxWG5XU3M2anlDZmMxUjBoN1FBQUFCOFNFQlc1T01gYlRVejNyOEFjaVNIajhlUWFXXXXXXXXXXNPUGNsWnNHPC9wc3NoPg==</cpix:ContentProtectionData>
<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWTpNRVRIT0Q9U0FNUExFLUFFUy1DVFIsS0VZSUQ9MHgyYWVkYzY3ZGVkZWY4YmE5LTc5ZDYtNGFjZS1hM2M4LTI3ZGNkNTFkMjFlZCIsS0VZRk9STUFVkXXXXXXXXXXXIjEi</cpix:HLSSignalingData>
<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOk1FVEhPRD1TQU1QTEUtQUVTLUNUUixVUkk9ImRhTFkMjFlZCIsS0VZRk9STUFVkVSU0lPTlM9IjEi</cpix:HLSSignalingData>
</cpix:DRMSystem>
<cpix:DRMSystem kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" systemId="9a04f079-9840-4286-ab92-e65be0885f95"> // PlayReady
```

```
<cpix:PSSH>AAAB5HBzc2gAAAAAmgTweZhAQoarkuZb4IhflQAAAXXXXXXXXXXXXXXXXPABXAFIATQBIAEUAQQBEAEUAUgAgAHgAbQBsAG4A
cwA9ACIAaAB0AHQAcAA6AC8ALwBzAGMAaABlAG0AYQBzAC4AbQBpAGMAcgBvAHMAbwBmAHQALgBjAG8AbQAvAEQAUgBNAC8AMgAwADAANw
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AEQAQQBUAEEAPgA8AFAAUgBPAFQARQBDAFQASQBOAEYATwA+ADwASwBFAFkAATABFAE4APgAxADYAPAAvAEsARQBZAEwARQBOAD4APABBBAE
aQA1AEYAVQAzAGIAQQAwAHkAdgB3AEIAeQBKAEkAZQBOBOAHgANQBBAD0APQA8AC8ASwBJAEQAPgA8AC8ARABBAFQAQQA+ADwALwBXAFIATQ
BIAEUAQQBEAEUAUgA+AA==</cpix:PSSH>
```

<cpix:ContentProtectionData>PHBzc2ggeG1sbnMXXXXXXXXXXXXXXXXXXXMjAxMyI+QUFBQjVIQnpjMmdBQUFBQW1nVHdlWmhBUW9hcm
t1WmI0SWhmFFBQUFjVEVBUUFBQVFBQkFMb0JQQUJYQUZJQVRRQklBRVVBUVFBQkFFVUFVZ0FnQUhnQWJRQnNBR0Fjd0E5QUNJQWFBB0AHQIw
E5QUQwQVBBQXBQBRXNBU1FCRUFFNEFQQUF2QUVRQVFRQlVBRUVBUGdBOEFDOEFWd0JTQUUwQVNBQkZBRUVBUkFBBUkFCRkFGSUFQZ0E9PC9wcm8+
</cpix:ContentProtectionData>

<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZOk1FVEhPRD1TQU1QTEUtQVVTLFVSST0iZGF0YTp0Z
xLRVlGT1JNQVQ9ImNvbS5taWNyb3NvZnQucGxheEXJlYWR5IixLRVlGT1JNQVRWRVJTSU9OUz0iMSI=</cpix:HLSSignalingData>

<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWTpNRVRIT0Q9U0FNUExFLUFFUyxVUkk9ImRhdGE6dGV4dC9wbGFpbj
TUFUPSJjb20ubWljcm9zb2Z0LnBsYXlyZWFkeSIsS0VZRk9STUFUVkVSU0lPTlM9IjEi</cpix:HLSSignalingData>

<cpix:SmoothStreamingProtectionHeaderData>xAEAAAEAAQC6ATwAVwBSAE0ASABFAEEARABFAFIAIAB4AG0AbABuAHMAPQAiAGgA
PgA8AEsARQBZAEwARQBOAD4AMQA2ADwALwBLAEUAUAWQBMAEUATgA+ADwAQQBMAEcASQBEBADMwBiADkAMAB5AHYAdwBCAHkASgBJAGUATABBUAB4
ADUAQQA9AD0APAAvAEsASQBEAD4APAAvAEQAQQBUAEEAPgA8AC8AVwBSAE0ASABFAEEARABFAFIAPgA=</cpix:SmoothStreamingProt
ectionHeaderData>

</cpix:DRMSystem>

<cpix:DRMSystem kid="15b938c8-XXXX-4cf7-XXXX-1c89XXXXf1e4" systemId="94ce86fb-07ff-4f43-adb8-93d2fa968ca2"

> // Apple FairPlay

<cpix:HLSSignalingData playlist="media">I0VYVC1YLUtFWTpNRVRIT0QXXXXXXXXXXXXXFFUyxVUkk9InNrZDovLzE1YjkzOGM4LW
bGUuc3RyZWFtaW5na2V5ZGVsaXZlcnXXXXXXXXXXXk1BVFZFUlNJT05TPSIxIg==</cpix:HLSSignalingData>

<cpix:HLSSignalingData playlist="master">I0VYVC1YLVNFU1NJT04tS0VZXXXXXXXXXXXTQU1QTEUtQUVTLFVSST0ic2tkOi8vM
TViOTM4YzgtZGI0ZC00Y2Y3LWFmYzAtMWM4OTIxZTNmMWU0OjE1YjkzOGXXXXXXXXXXXXXXXXXXXXXwMWM4OTIxZTNmMWU0IixLRVlGT1JNQ
VO9ImNvbS5hcHBsZS5zdHJlYW1pbmdrZXlkZWxpdmVyeSIsS0VZRk9SXXXXXXXXXXPTlM9IjEi</cpix:HLSSignalingData>

</cpix:DRMSystem>

</cpix:DRMSystemList>

</cpix:CPIX>

XML Return – Multikey (CBCS)

Username/Password

https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=empty,audio1=**5c**794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video1=**6c**794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video2=**7c**794df2-XXX-4d59-XXXX-80eaXXXX99b6&u=username&p=password&c=test&EncryptionScheme=cbcs

Secure Token

https://cpix.ezdrm.com/keygenerator/cpix2.aspx?k=empty,audio1=**5c**794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video1=**6c**794df2-XXXX-4d59-XXXX-80eaXXXX99b6,video2=**7c**794df2-XXX-4d59-XXXX-80eaXXXX99b6&**t=**QTAyRTlGQzXxXXXXOC00QTVDLUFBQjUtMDJEQzRDRjIzXXXX&c=test&EncryptionScheme=cbcs

```
<cpix:CPIX xmlns:cpix="urn:dashif:org:cpix" xmlns:pskc="urn:ietf:params:xml:ns:keyprov:pskc" contentId="test" version="2.3">
<cpix:ContentKeyList>
<cpix:ContentKey explicitIV="bHlN8hXXXXXXXXqmJqZtg==" kid="6c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbcs"> // Video 1
<cpix:Data>
<pskc:Secret>
<pskc:PlainValue>xblk4XXXXXXXXXqk0BWU15g==</pskc:PlainValue>
</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
<cpix:ContentKey explicitIV="XHlN8hXXXXXXXXXqmJqZtg==" kid="5c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbcs"> // Audio
<cpix:Data>
<pskc:Secret>
<pskc:PlainValue>u55fb4SXXXXXXXXXGko2PCw==</pskc:PlainValue>
</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
<cpix:ContentKey explicitIV="fHlN8heXXXXXXXqmJqZtg==" kid="7c79XXXX-1783-XXXX-bad7-80eaXXXX99b6" commonEncryptionScheme="cbcs"> // Video 2
<cpix:Data>
<pskc:Secret>
<pskc:PlainValue>6zOxxS/+3XXXXXXXXXLeGlw==</pskc:PlainValue>
```

```
</pskc:Secret>
</cpix:Data>
</cpix:ContentKey>
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<cpix:DRMSystemList>
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Additional Information

For additional questions and comments please contact: simplify@ezdrm.com