

## Broadcaster / Content provider right requirements.

Version. 1.3

### Purpose:

The purpose of this document, is to give an overview of the different content rights required by different content providers, and an insight into how content rights is handled by the different broadcasters, this overview should be used as a basis for future discussions on the requirements that needs to be added to the TV-Anytime format.

## Broadcasters:

### DR:

DR has two fields in their metadata containing rights information, the field called `ppu_streaming_od` and `ppu_streaming_od_kill_date_utc`.

The `ppu_streaming_od` field indicates if On-demand is allowed for this specific content, the `ppu_streaming_od_kill_date_utc` field indicates when the content must be removed.

#### Example:

```
<ppu_streaming_od>TRUE</ppu_streaming_od>
<ppu_streaming_od_kill_date_utc>2017-06-13T21:59:59</ppu_streaming_od_kill_date_utc>
```

### Representation in TVA:

`ppu_streaming_od` :

This is covered by the presence of a `OnDemandProgram`

`ppu_streaming_od_kill_date_utc` :

`<tva:OnDemandProgram>...`

`<tva:EndOfAvailability>2010-09-19T20:00:00+01:00</tva:EndOfAvailability>`

### TV2 Denmark:

TV2 Denmark has multiple fields indicating rights, for indicating if On-Demand is allowed or not they have four fields `odp_code`, `odp_name`, `odp_start_timestamp_available` and `odp_stop_timestamp_available`.

The `odp_code` field indicates the On-Demand product that is allowed for the specific content, currently the only product supported is "cu7d" indicating that you are allowed to do 7 days catch-up on the specific event, the `odp_name` field contains the name of the od product.

Optional the feed might contain the `odp_start_timestamp_available` and `odp_stop_timestamp_available`, these fields indicate if the content has a special ondemand window.

Beside the On-demand rights, the feed also contains fields to indicate if you are allowed to skip forward in a program segment, a program is split up into segments, ex. The first segment might be a commercial segment where you are not allowed to skip forward, and the second program segment, is the actual program.

#### Segment Example:

```
"evt_segments" : {
  "segment" : [ {
    "seg_id" : "20671192984321",
    "seg_start_timestamp_tx" : "2017-03-15T05:57:35.880",
    "seg_stop_timestamp_tx" : "2017-03-15T05:59:54.480",
    "seg_type" : "Commercial",
    "seg_isprintable" : false,
    "seg_isskipable" : false
  }
]
```

```

}, {
  "seg_id" : "20671192986321",
  "seg_start_timestamp_tx" : "2017-03-15T05:59:57.480",
  "seg_stop_timestamp_tx" : "2017-03-15T06:22:11.320",
  "seg_type" : "Segment of program",
  "seg_isprintable" : false,
  "seg_isskipable" : true
}

```

### Representation in TVA:

seg\_id, seg\_isprintable, seg\_isskipable:

```

<tva:SegmentInformation fragmentId="1" segmentId="crid://tv2.dk/uniqSeg_id"
isSkipable="false" isPrintable="true">
  <tva:ProgramRef crid="crid://tv2.dk/uniqProg_id"/>
  <tva:Description>
    <tva:Title type="main" xml:lang="en">Advertising</tva:Title>
  </tva:Description>

```

seg\_start\_timestamp\_tx, seg\_stop\_timestamp\_tx:

```

<tva:SegmentLocator>
  <!--Locates the segment within a programme (instance) in terms of start time and duration
(optional). If the duration is not specified, the segment ends at the end of the programme.-->
  <tva:MediaRelIncrTimePoint>PT00H15M01S</tva:MediaRelIncrTimePoint> <!-- Relative
to the start of the program -->
  <tva:MediaIncrDuration>PT00H04M10S</tva:MediaIncrDuration> <!--If the duration is not
specified, the segment ends at the end of the programme.-->
</tva:SegmentLocator>
</tva:SegmentInformation>

```

### On-Demand Example:

```

"evt_od_products" : {
  "od_product" : [ {
    "odp_code" : "cu7d",
    "odp_name" : "catch up - 7 days"
  } ]
}

```

### Representation in TVA:

odp\_code:

Use the <tva:OnDemandProgram>...StartOfAvailability

odp\_name:

<tva:ProgramInformation ...>...<tva:Title type="main">Chicago ire</tva:Title>

odp\_start\_timestamp\_available:

<tva:OnDemandProgram> ...  
<tva:StartOfAvailability>2010-09-12T20:15:00+01:00</tva:StartOfAvailability>

odp\_stop\_timestamp\_available

<tva:OnDemandProgram>...  
<tva:EndOfAvailability>2010-09-19T20:00:00+01:00</tva:EndOfAvailability>

**Viacom:**

Viacom has one field (vod\_catchup) indicating if catchup is allowed or not, and one field (online\_simulcast) indicating if online simulcast is allowed.

**Example:**

```
<programme start="20160928060010 +0200" stop="20160928070006 +0200" channel="MTV Denmark">
  <title lang="da">MTV Breakfast Club</title>
  <vod_catchup>false</vod_catchup>
  <online_simulcast>Yes</online_simulcast>
</programme>
```

**Representation in TVA:**

vod\_catchup:

This is covered by the presense of a OnDemandProgram

online\_simulcast:

BroadcastEvent

**SBS:**

SBS has 3 fields in their feed, kanalgruppe, startdato and slutdato.

Kanalgruppe is the type of catchup that is allowed for the particular event, and startdato and slutdato is the catchup window.

**Example:**

```
<ondemandrettigheder>
  <kanalgruppe>Catch up</kanalgruppe>
  <startdato>2017-03-15</startdato>
  <slutdato>2017-04-14</slutdato>
</ondemandrettigheder>
```

**Representation in TVA:**

Kanalgruppe:

This is covered by the presene of a OnDemandProgram.

Startdato:

<tva:OnDemandProgram> ...

<tva:StartOfAvailability>2010-09-12T20:15:00+01:00</tva:StartOfAvailability>

Slutdato:

<tva:OnDemandProgram>...

<tva:EndOfAvailability>2010-09-19T20:00:00+01:00</tva:EndOfAvailability>

## Eurosport:

The Eurosport feed contains multiple rights fields, it contains the two date fields Licensing\_Window\_Start and Licensing\_Window\_End, indicating the On-demand license window, but in addition to this it also contains the "Device\_Rights" field, indicating the platforms that this content is available on.

### Example:

```
<Emission ID="13627594">
  <StartTimeUTC>12:32:08</StartTimeUTC>
  <EndTimeUTC>13:52:32</EndTimeUTC>
  <Licensing_Window_Start>2015-03-15</Licensing_Window_Start>
  <Licensing_Window_End>2015-03-22</Licensing_Window_End>
  <Duration>4824</Duration>
  <Sport>CYCLING</Sport>
  <Title>CYCLING: Paris-Nice, France</Title>
  <Feature>Stage 7 </Feature>
  <BroadcastType>LIVE</BroadcastType>
  <DateFirstBroadcast>2015-03-15</DateFirstBroadcast>
  <Device_Rights SET_TOP_BOX="1" INTERNET="1" MOBILE="1" />
</Emission>
```

## Representation in TVA:

StartTimeUTC and Licensing\_Window\_Start:

```
<tva:OnDemandProgram> ...
  <tva:StartOfAvailability>2010-09-12T20:15:00+01:00</tva:StartOfAvailability>
```

EndTimeUTC Licensing\_Window\_End:

```
<tva:OnDemandProgram>...
  <tva:EndOfAvailability>2010-09-19T20:00:00+01:00</tva:EndOfAvailability>
```

Duration:

```
<tva:OnDemandProgram>...
  <tva:PublishedDuration>PT02H15M01S</tva:PublishedDuration>
```

Device\_Rights:

```
<tva:RightsStatement> ...
  <tva:Device deviceid="anyURI" blocked="true">
    <tva:DeviceName>STB</tva:DeviceName>
    <tva:DeviceType>
      <name>STB</name>
    </tva:DeviceType>
  </tva:Device>
  <tva:Device deviceid="anyURI" blocked="true">
    <tva:DeviceName>WEB</tva:DeviceName>
    <tva:DeviceType>
```

```

        <name>WEB</name>
    </tva:DeviceType>
</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
    <tva:DeviceName>iOS</tva:DeviceName>
    <tva:DeviceType>
        <name>phone</name>
    </tva:DeviceType>
</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
    <tva:DeviceName>Android</tva:DeviceName>
    <tva:DeviceType>
        <name>phone</name>
    </tva:DeviceType>
</tva:Device>

```

## Subscription VoD services:

### SFA:

SFA lists on each asset provided by them, the platform the content is viewable on, as well as the platform device type that is allowed:

```

"DeviceData":[
  {
    "Id":14,
    "Name":"Phone",
    "Versions":[
      {
        "Id":25,
        "Name":"Windows",
        "Blocked":false
      },
      {
        "Id":15,
        "Name":"Android",
        "Blocked":false
      },
      {
        "Id":16,
        "Name":"IOS",
        "Blocked":false
      }
    ],
  },
  {
    "Id":21,
    "Name":"Tablet",
    "Versions":[
      {
        "Id":22,
        "Name":"Android",
        "Blocked":false
      }
    ]
  }
]

```

```

    },
    {
      "Id":26,
      "Name":"Tokenized",
      "Blocked":false
    },
  ],
  {
    "Id":23,
    "Name":"iOS",
    "Blocked":false
  }
],
{
  "Id":17,
  "Name":"Web",
  "Versions":[
    {
      "Id":19,
      "Name":"WEB",
      "Blocked":false
    }
  ],
},
{
  "Id":13,
  "Name":"STB",
  "Versions":[
    {
      "Id":18,
      "Name":"STB",
      "Blocked":false
    }
  ],
},

```

## Representation in TVA:

DeviceData:

```

<tva:RightsStatement> ...
<tva:Device deviceid="anyURI" blocked="true">
  <tva:DeviceName>windows</tva:DeviceName>
  <tva:DeviceType>
    <Name>phone</Name>
  </tva:DeviceType>
</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
  <tva:DeviceName>iOS</tva:DeviceName>
  <tva:DeviceType>
    <Name>phone</Name>
  </tva:DeviceType>
</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
  <tva:DeviceName>Android</tva:DeviceName>
  <tva:DeviceType>
    <Name>phone</Name>
  </tva:DeviceType>

```

```

</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
  <tva:DeviceName>WEB</tva:DeviceName>
  <tva:DeviceType>
    <Name>Web</Name>
  </tva:DeviceType>
</tva:Device>
<tva:Device deviceid="anyURI" blocked="true">
  <tva:DeviceName>STB</tva:DeviceName>
  <tva:DeviceType>
    <Name>STB</Name>
  </tva:DeviceType>
</tva:Device>

```

### CMORE:

Cmore is also indicating on which devices the content is allowed to be played on, as well as the play back window.

### Example:

```

<rightsList>
  <rights>
    <validFrom>2016-09-30T22:00:00Z</validFrom>
    <validTo>2017-09-30T21:59:59Z</validTo>
    <unlimitedPeriod>false</unlimitedPeriod>
    <rightsCategoryList>
      <rightsCategory>
        <deviceTypeList>
          <deviceType>stb</deviceType>
        </deviceTypeList>
      </rightsCategory>
    </rightsCategoryList>
  </rights>
</rightsList>

```

### Representation in TVA:

validFrom:

```

<tva:OnDemandProgram> ...
<tva:StartOfAvailability>2010-09-12T20:15:00+01:00</tva:StartOfAvailability>

```

validTo:



```
<tva:OnDemandProgram>...  
<tva:EndOfAvailability>2010-09-19T20:00:00+01:00</tva:EndOfAvailability>
```

rightsList:

```
<tva:RightsStatement> ...  
<tva:Device deviceid="anyURI" blocked="true">  
  <tva:DeviceName>STB</tva:DeviceName>  
  <tva:DeviceType>  
    <Name>STB</Name>  
  </tva:DeviceType>  
</tva:Device>
```