



Paramount Media Ingest Delivery API Documentation

Publish Date 4.1.2026

Scope

This document outlines how a 3rd party can deliver media assets with its associated technical metadata to Paramount. The API delivery method described in this document is aimed at 3rd parties that wish to automate the delivery of large batches of content that need to be ingested into Paramount's Media Supply Chain. This document defines access points, responses, statuses and permitted parameters for calling the Paramount Ingest API.

Terms and Definitions

- *Ingest Workflow* – Process to transfer, validate, normalize, and accept media and technical metadata to Paramount's Media Supply Chain.
- *Bulk Ingest Automation* – Automated method to trigger the ingest of post media and technical metadata into Paramount's Media Supply Chain.
- *EDIT CRID* – Paramount Central Repository ID generated and defined EDIT-level UUID. This is the anchor ID for all content to be ingest. **EDIT CRID must be provided by Paramount Operations as part of any bulk ingest request.**

API Endpoint

This API should be used when you are posting one asset under one edit CRID. The API will allow suppliers to deliver a material against an edit and a unique call must be made for each unique material. Assets under multiple edit CRIDs would require a separate call.

Note: Paramount leverages Aspera as a transfer mechanism and requires all 3rd party groups leveraging the ingest API to register content into Paramount's ecosystem move the media leveraging Aspera's APIs (separate documentation details this configuration).

API calls for leveraging this endpoint are POST calls
See [Appendix B](#) for examples of each method.

Single Asset Ingest

UAT: To be provided separately (If requested)

Prod: <http://mediaingest-api.paramountmsc.com/material/metadata/ingest>

Authentication:

Production API Token: To be provided separately

UAT API Token: To be provided separately (If requested)

Note: Tokens will be used initially, IAM roles are preferred and will replace the Tokens in the near term. API Tokens should be placed in the x-api-key portion of the header.

API Responses

The API response is a simple, high-level indication of the call status for each received request.



Response Codes

- 200: Paramount has successfully received the request and will proceed with processing the media and metadata
- 400: Paramount has received a malformed request or a request with missing/unsupported data.
- 403: Paramount has received the request, but the authorization token is not recognized, no further action will be taken.
- 500: Paramount infrastructure is unable to process the request, typically due to an AWS outage or deployment occurring internally.

The Request Body of this API call is noted below and varies depending on the media type that is being provided for a given EDIT CRID

API Versioning

Please note that this API is subject to change as development occurs within Paramount, if there are changes to the API, the request body or response codes an email will be sent including an updated version of this document. The API version will also be included in the response of the API to help with any trouble shooting that is needed.

Production: <Configured per Onboarded Vendor> To be shared as created

UAT: <Configured per Onboarded Vendor> To be shared as created



Video Deliverables

The following information outlines how to call the ingest delivery API to deliver a Video asset to Paramount with the available options for each parameter that is needed in the request body. Please also ensure that the audio in the provided JSON request is in the same order as reflected in the video file.

Video Request Body

```
{
  "editCrid": "d55cf6c7-306b-46c5-883a-4ab533341512",
  "user": "uploader@paramount.com",
  "provider": "ParamountPictures",          #Provider Name should match what is provided during initial
onboarding
  "contentType": "Video Master",
  "videoType": "Texted Master",
  "languageCode": "en-US",
  "aspectRatio": "1.78:1",
  "dynamicRange": "SDR",
  "videoResolution": "HD",
  "framerate": "23.98",
  "audioMetadata": {
    "config": [
      {
        "audioType": "Production / Full Mix",
        "languageCode": "es-419",
        "soundfield": "Discrete: 2.0 Stereo",
      },
      {
        "audioType": "Production / Full Mix",
        "languageCode": "pt-BR",
        "soundfield": "Discrete: 2.0 Stereo",
      },
      {
        "audioType": "Silence / MOS",
        "languageCode": "zxx",
        "soundfield": "Discrete: 2.0 Stereo",
      },
      {
        "audioType": "Silence / MOS",
        "languageCode": "zxx",
        "soundfield": "Discrete: 2.0 Stereo",
      }
    ]
  },
  "material": {
    "object": "meta-2alcSpO4pyyx4i6gRPPxwzLnWbG/upload-2alcSo8Lu48VJIFrfrmiswc4Xon1/video.mov"
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"
  }
}
```



Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.



Video Parameter Definitions

contentType

Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

Video: bcp47

Language of video picture text. See [Appendix A](#) for full list of accepted values

Note: Audio Only codes are not accepted for video

videoType values	Definition	bcp47 accepted
Texted Master	Video master with production language on-screen text for place/dates/names plus subtitles to translate any foreign language dialogue	All codes excluding "zxx" & audio only codes
Semi-Textless Master	Video master with production language on-screen text for place/dates/names excludes any subtitles that translate any foreign language dialogue	All codes excluding "zxx" & audio only codes
Textless Master	Video master with no on-screen text between opening and end credits, used as the source to create a localised version	Only "zxx" - No Language Content
Textless Elements Only	Untexted video matching sections where on-screen appears in its Texted video master parent ** Note these are generally tracked under a separate and unique Edit Crid, please coordinate with paramount operations for Guidance	Only "zxx" - No Language Content
Subtitled Master	Video master with non-production language on-screen text for place/dates/names and subtitles to translate original production language	All codes excluding "zxx" & audio only codes

aspectRatio

aspectRatio values
1.33:1
1.37:1
1.66:1
1.78:1
1.85:1
1.90:1



2.00:1
2.20:1
2.35:1
2.40:1
2.59:1
2.65:1
2.76:1

dynamicRange

Dynamic Range refers to the ratio of the lightest parts of an image to the darkest parts of the image. These dynamic ranges can be determined leveraging software like Media Info:

dynamicRange values	Media Info Color Primaries Mapping	videoResolution values
SDR	BT.709	HD or UHD
HDR	bt.2020, bt.2100	HD or UHD
Dolby Vision	Display P3, P3D65	HD or UHD

framerate

Defines the framerate of the material. Values accepted: "23.98", "24", "25", "29.97", "59.94"

Parameters for embedded audio

Embedded audio: bcp47

Language associated to each, separate audio track. See [Appendix A](#) for full list of accepted values

Note: Text Only codes are not accepted for audio

audioType & bcp47 accepted values

audioType values	Definition	bcp47 accepted
Production / Full Mix	Full mix - complete, balanced mix down of all stems, dialogue, sound effects, music, and any other audio elements to complete the final audio	All codes accepted excluding "zxx"
Music & Effects	Audio stem - music and effects tracks mixed and balanced matching final mix levels	Only "zxx" (No Language Content)



audioType values	Definition	bcp47 accepted
Silence / MOS	Silence	All codes excluding "zxx" & text only codes
Censored	Full mix containing edits/mutes/adjustments to remove offensive or sensitive language	All codes excluding "zxx" & text only codes
Dialogue	Audio stem - isolated/complete dialogue only track matching final mix levels	All codes excluding "zxx" & text only codes
Effects	Audio stem - isolated/complete sound effects only track matching final mix levels	Only "zxx" (No Language Content)
Music	Audio stem - isolated/complete music track matching final mix levels	Only "zxx" - No Language Content
Voice Over	Audio stem - isolated/complete voiceover only track matching final mix levels	All codes excluding "zxx" & text only codes
Audio Description	Full mix dipped to present spoken descriptions to aid the understanding of key visual elements for the visually impaired	All codes excluding "zxx" & text only codes
Commentary	Full mix dipped to present additional spoken facts/comments e.g. directors commentary	All codes excluding "zxx" & text only codes
Mix minus Narration	Audio stem - Full mix with Narration track removed	All codes excluding "zxx" & text only codes
Optional: Primary	Audio stem - alternative sections of incidental audio/dialogue to simplify foreign language mixing	All codes excluding text only codes
Optional: Secondary	Audio stem - second alternative sections of incidental audio/dialogue to simplify foreign language mixing	All codes excluding text only codes
Audience	Audio stem - isolated/complete audience only track matching final mix commentary levels	Only "zxx" (No Language Content)
Laugh Track w/ M+E	Audio stem - recorded or artificial laughter mixed with M+E matching final mix levels	Only "zxx" (No Language Content)
Dialogue & VO	Audio stem - Dialogue and Voiceover tracks mixed matching final mix levels	Only "zxx" (No Language Content)
Laugh Track	Audio stem - isolated/complete recorded/artificial laughter only track matching final mix levels	All codes excluding "zxx" & text only codes
Foley	Audio stem - generated sounds effects to enhance/replace sounds recorded on set	Only "zxx" (No Language Content)



audioType values	Definition	bcp47 accepted
Background / Walla	Audio stem - background crowd noise aka rhubarb	Only "zxx" (No Language Content)
Audio Description W/ Control Track	<i>A United Kingdom-compliant, 48k PCM Audio file consisting of two audio channels: Ch1 -mono AD narration, Ch2: Control track for live audio mixing during payout. Adheres to the BBC's WHP198.</i>	All codes excluding "zxx" & text only codes

soundfield values	layout values	Audio Layout definition	Number of Audio Tracks	Number of Audio Channels/Track
1.0 Mono	Mono	Mono	1	1
Dual Mono	Interleaved	L/R	1	2
2.0 Stereo	Interleaved	L/R	1	2
5.1 Surround	Interleaved	L/R/C/LFE/Ls/Rs	1	6
2.0 Stereo	Discrete	L R	2	1
5.1 Surround	Discrete	L R C LFE Ls Rs	6	1

object

Defines the object key for the asset dropped into the S3 bucket. Paramount will validate the file name extension, for video, only .mov & .mxf are expected.

bucket

Defines the bucket where the material was dropped.

This would be static and the naming will be agreed upon as this is set up with the person/party who is delivering media.



Audio Deliverables

The following information outlines how to call the bulk delivery API to deliver an Audio material to Paramount with the available options for each parameter that is needed in the request body.

Paramount audio specifications require each sidecar audio file only contain a single soundfield only, e.g. a 5.1+2.0 wrapped in one file will be rejected.

Audio Request Body

```
{
  "editCrid": "4cd8f4ed-d867-4857-93a4-714fc9f6ffc5",
  "user": "uploader@viacomcbs.com",
  "provider": "ParamountPictures",
  "contentType": "Audio",
  "config": [
    {
      "audioType": "Censored",
      "languageCode": "en-US",
      "soundfield": "Interleaved: 5.1 Surround",
    }
  ],
  "material": {
    "object": "meta-2ajdSqrce4odCbkylokXRLm0ubP/upload-2ajdStL55lQvuS1td3xQolKLhTU/audio.wav",
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"
  }
}
```

Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.

Audio Parameter Definitions

contentType

Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

Audio: bcp47

Language of audio material. See [Appendix A](#) for full list of accepted values

Note: Text Only codes are not accepted for audio



audioType & bcp47 accepted values

audioType values	Definition	bcp47 accepted
Production / Full Mix	Full mix - complete, balanced mix down of all stems, dialogue, sound effects, music, and any other audio elements to complete the final audio	All codes accepted excluding "zxx"
Music & Effects	Audio stem - music and effects tracks mixed and balanced matching final mix levels	Only "zxx" (No Language Content)
Censored	Full mix containing edits/mutes/adjustments to remove offensive or sensitive language	All codes excluding "zxx" & text only codes
Dialogue	Audio stem - isolated/complete dialogue only track matching final mix levels	All codes excluding "zxx" & text only codes
Effects	Audio stem - isolated/complete sound effects only track matching final mix levels	Only "zxx" (No Language Content)
Music	Audio stem - isolated/complete music track matching final mix levels	Only "zxx" - No Language Content
Voice Over	Audio stem - isolated/complete voiceover only track matching final mix levels	All codes excluding "zxx" & text only codes
Audio Description	Full mix dipped to present spoken descriptions to aid the understanding of key visual elements for the visually impaired	All codes excluding "zxx" & text only codes
Commentary	Full mix dipped to present additional spoken facts/comments e.g. directors commentary	All codes excluding "zxx" & text only codes
Mix minus Narration	Audio stem - Full mix with Narration track removed	All codes excluding "zxx" & text only codes
Optional: Primary	Audio stem - alternative sections of incidental audio/dialogue to simplify foreign language mixing	All codes excluding text only codes
Optional: Secondary	Audio stem - second alternative sections of incidental audio/dialogue to simplify foreign language mixing	All codes excluding text only codes
Audience	Audio stem - isolated/complete audience only track matching final mix commentary levels	Only "zxx" (No Language Content)
Laugh Track w/ M+E	Audio stem - recorded or artificial laughter mixed with M+E matching final mix levels	Only "zxx" (No Language Content)
Dialogue & VO	Audio stem - Dialogue and Voiceover tracks mixed matching final mix levels	Only "zxx" (No Language Content)



audioType values	Definition	bcp47 accepted
Audio Description Stems	Audio stem - isolated/complete audio description voice only track only matching final mix AD levels	All codes excluding "zxx" & text only codes
Commentary Stems	Audio stem - isolated/complete commentary voice only track matching final mix commentary levels	All codes excluding "zxx" & text only codes
Laugh Track	Audio stem - isolated/complete recorded/artificial laughter only track matching final mix levels	All codes excluding "zxx" & text only codes
Foley	Audio stem - generated sounds effects to enhance/replace sounds recorded on set	Only "zxx" (No Language Content)
Background / Walla	Audio stem - background crowd noise aka rhubarb	Only "zxx" (No Language Content)
SOT / Film clips	Audio excerpts from archive or licensed content used as part of the full mix	All codes excluding "zxx" & text only codes
Music Vocals ISO	Audio stem - Isolated song vocals	All codes excluding "zxx" & text only codes
Audio Description W/ Control Track	<i>A United Kingdom-compliant, 48k PCM Audio file consisting of two audio channels: Ch1 -mono AD narration, Ch2: Control track for live audio mixing during payout. Adheres to the BBC's WHP198.</i>	All codes excluding "zxx" & text only codes

Audio Parameters

soundfield values	layout values	Audio Layout Mapping (informational only)	Number of Audio Tracks	Number of Audio Channels/Track
1.0 Mono	n/a	Mono	1	1
Dual Mono	Interleaved	L/R	1	2
2.0 Stereo	Interleaved	L/R	1	2
*5.0 Surround	Interleaved	L/R/C/Ls/Rs	1	5
5.1 Surround	Interleaved	L/R/C/LFE/Ls/Rs	1	6
Dolby Atmos - ADM BWF	n/a	X	X	X

*Note that Surround 5.0 is only accepted for Dialogue, Optional: Primary, and Optional: Secondary

**object**

Defines the object key for the material dropped into the S3 bucket. Paramount will validate the file name extension, for audio, only .mov and .wav are expected.

bucket

Defines the bucket where the material was dropped.

This would be static and the naming will be agreed upon as this is set up with the person/party who is delivering media.



Timed Text Deliverables

The following information outlines how to call the ingest delivery API to deliver a Timed Text (closed caption or subtitle) material to Paramount with the available options for each parameter that is needed in the request body.

Timed Text Request Body

```
{
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",
  "user": "uploader@cbs.com",
  "provider": "ParamountPictures",
  "contentType": "Subtitle/Caption",
  "language": "English",
  "frameRate": "29.97",
  "positionedFor": "Texted",
  "textType": "Closed caption",
  "material": {
    "object": "meta-2LN6ProSy5IFQfwiczxUxKEST8u/upload-2LYLdpMRorlsJkjRVqx0CrNUwvo/captions.scc"
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"
  }
}
```

Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.

Timed Text Parameter Definitions

contentType

Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

Timed Text: bcp47

Language of timed text asset. See [Appendix A](#) for full list of accepted values.

Note: Audio Only codes are not accepted for Timed Text

textType Values	Definition
Closed Captions	Encoded text representing spoken audio and visual elements to support visually impaired and formatted for US broadcast
Production / Full Subtitles	Text track translating spoken audio and on-screen text for international viewers



textType Values	Definition
Censored	Text track translating censored audio and on-screen text for international viewers
Forced Narratives	Text track translating on screen text for international viewers
Full minus Forced Narratives	Text track translating spoken audio for international viewers excluding on screen text
Subtitles for Deaf & Hard of Hearing (SDH)	Text track translating spoken audio and visual elements to support international visually impaired viewers
Commentary	Text track translating commentary audio and on screen text for international viewers

framerate

Defines the framerate of the material. Values accepted: "23.98", "25", "29.97", "59.94"

positionedFor

Defines the video master that the timed text file links to. Values accepted: "Texted", "Semi-Textless/Textless"

object

Defines the object key for the material dropped into the S3 bucket. Paramount will validate the file name extension, for timed text, only .scc, .xml, .html, .imsc, .ebu, .dfxp, .stl, .pac, .cap are expected.

bucket

Defines the bucket where the material was dropped.

This would be static and the naming will be agreed upon as this is set up with the person/party who is delivering media.



Image Deliverables

The following information outlines how to call the ingest delivery API to deliver an image (dub card or Universal global image) material to Paramount with the available options for each parameter that is needed in the request body.

Dub Card Request Body

```
{  
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",  
  "user": "uploader@cbs.com",  
  "provider": "ParamountPictures",  
  "contentType": "Image",  
  "imageType": "Dub Card",  
  "languageCode": "en-US",  
  "frameDimensions": "3840 x 2160",  
  "sequenceNumber": 1,  
  "sequenceTotal": 10,  
}
```



```
"material": {  
  "object": "3840_2160_e954293e-15d4-4168-90db-396fbea7ec52.png"  
  "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"  
}  
}
```

Universal Global Image Request Body

```
{  
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",  
  "user": "uploader@cbs.com",  
  "provider": "ParamountPictures",  
  "contentType": "Image",  
  "imageType": "Universal Global Image",  
  "languageCode": "en-US",  
  "material": {  
    "object": "3840_2160_e954293e-15d4-4168-90db-396fbea7ec52.jpg"  
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"  
  }  
}
```

Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.

Dub Card Parameter Definitions

contentType

Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

Dub Card: bcp47

Language of timed text asset. See [Appendix A](#) for full list of accepted values.

Note: Audio codes are expected for Dub Card Images.

imageType Values	Definition
Dub Card	Provides credit to the company and people that provide audio dubbing for a particular episode or show in a specific language.
Universal Global Images	Production supplied, episode-level images to be used as source across all platforms

frameDimensions

Defines the frame dimensions of the image. Values accepted for dub cards: "3840 x 2160"

**SequenceNumber**

Defines the order in which the dub card image should be displayed when playing out. This number should never exceed the sequenceTotal field

SequenceTotal

Defines the total number of images for a particular dub card.

object

Defines the object key for the material dropped into the S3 bucket. Paramount will validate the file name extension, for dub cards, only .png are expected. For Universal Global Images .jpg are expected.

bucket

Defines the bucket where the material was dropped.

This would be static and the naming will be agreed upon as this is set up with the person/party who is delivering media.



Document Deliverables

The following information outlines how to call the ingest delivery API to deliver a document material to Paramount with the available options for each parameter that is needed in the request body.

Document Request Body

```
{
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",
  "user": "uploader@cbs.com",
  "provider": "ParamountPictures",
  "contentType": "Document",
  "documentType": "Segment Rundown",
  "material": {
    "object": "3840_2160_e954293e-15d4-4168-90db-396fbea7ec52.png"
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"
  }
}
```

Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.

Document Parameter Definitions

contentType

Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

documentType

Language of timed text asset. See [Appendix A](#) for full list of accepted values.

Note: Audio Only codes are not accepted for Timed Text

documentType Values	Supported File Extensions	Definition
Shooting Script	.doc, .docx, .pdf	Timecoded script from Production, not 100% correct to final edit
Music Cue Sheet	.pdf, .doc, .docx, .xls, .xlsx	Timecoded list of songs, durations and artists



documentType Values	Supported File Extensions	Definition
Production Script	.pdf, .doc, .docx, .xls, .xlsx	Full/Final timecoded script including cues and on-screen text
Localization Report	.xls, .xlsx	Timecoded list of all on screen text, including subtitles, titles etc. Used for FNs and dubbing guidance
Segment Rundown	.pdf, .doc, .docx, .xls, .xlsx, .csv	Timecoded list of segment and ad breaks
*Localized Script	pdf, .doc, .docx, .xls, .xlsx	Timecoded foreign language translated script
Audio Description Script	.doc, .docx, .pdf	Timecoded Script of the Audio Description track

***Localized Script deliverables require language and language code details on registration**
Supplemental Deliverables

The following information outlines how to call the ingest delivery API to deliver a Supplemental material to Paramount with the available options for each parameter that is needed in the request body.

Supplemental Request Body

```
{
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",
  "user": "uploader@cbs.com",
  "provider": "ParamountPictures",
  "contentType": "Supplemental",
  "supplementalType": "ProTools Session (zip)",
  "material": {
    "object": "3840_2160_e954293e-15d4-4168-90db-396fba7ec52.zip"
    "bucket": "prod-msc-library-ingest-quarantine-us-east-1-802416271660-prod"
  }
}
```

Note: Each key value pair in the request body will be checked to ensure that Paramount has the necessary information to process the media through our Media Supply chain, for any malformed request a 400 or 500 level response will be returned by the API.

Document Parameter Definitions

contentType



Defines the type of media to be ingested. Values: "Video Master", "Audio", "Timed Text", "Image", "Document", and "Supplemental"

supplementalType

Language of timed text asset. See [Appendix A](#) for full list of accepted values.

Note: Audio Only codes are not accepted for Timed Text

supplementalType Values	Supported File Extensions	Definition
ProTools Session (.zip)	.zip	Archival ZIP file of the ProTools session and related source media
Graphics Toolkit (zip)	.zip	Archival ZIP file of the graphic project files and related media including logos, plug-ins, fonts and style guide.
*Animation Alpha Selects	.mov	Short clips of main characters from animated content for marketing purposes

*Animation Alpha Selects deliverables require language and language code details on registration

Paramount Support and Contacts

For any questions on the information in this document please reach out to your Paramount Operations or Engineering contact for more details. In the event additional assistance is needed please reach out to the following members of the Paramount team:

Operational Support: migtechnicalonboarding@paramount.com



Appendix

Appendix A: Paramount Language Map

Language	BCP-47 mapping	Notes
No Language Content	zxx	
Albanian	sq-AL	
Afrikaans	af-ZA	
Amharic	am-ET	
Arabic	ar-001	
Arabic (Egypt)	ar-EG	
Arabic (Saudi Arabia)	ar-SA	
Armenian	hy-AM	
Azerbaijani	az-AZ	
Basaa	bas-NG	
Belarusian	be-BY	
Bengali	bn-IN	
Bosnian	bs-BA	
Bulgarian	bg-BG	
Burmese	my-MM	
Catalan	ca-ES	
Cantonese	zh-Hant-HK	audio only
Mandarin	zh-Hans-CN	audio only
Mandarin (Taiwan)	zh-Hant-TW	audio only
Simplified Chinese	zh-Hans	subtitles only
Traditional Chinese	zh-Hant	subtitles only



Language	BCP-47 mapping	Notes
Croatian	hr-HR	
Czech	cs-CZ	
Danish	da-DK	
Dari	fa-AF	
Dutch	nl-NL	
English (US)	en-US	
English (Australia)	en-AU	
English (Ireland)	en-IE	
English (United Kingdom)	en-GB	
English (Singapore)	en-SG	
English (South Africa)	en-ZA	
Estonian	et-EE	
Farsi (aka Persian)	fa-IR	
Fijian	fj-FJ	
Filipino	fil-PH	
Finnish	fi-FI	
Flemish	nl-BE	
French	fr-FR	
French (Canada)	fr-CA	
Georgian	ka-GE	
German	de-DE	
German (Switzerland)	de-CH	
Greek	el-GR	



Language	BCP-47 mapping	Notes
Hebrew	he-IL	
Hindi	hi-IN	
Hungarian	hu-HU	
Icelandic	is-IS	
Indonesian	id-ID	
Irish	ga-IE	
Italian	it-IT	
Japanese	ja-JP	audio only
Japanese (Han/Kanji, Hiragana, Katakana)	ja-Jpan-JP	metadata & subtitles only
Japanese (Hiragana)	ja-Hira-JP	metadata only
Kazakh	kk-KZ	
Khmer (aka Cambodian)	km-KH	
Korean	ko-KR	
Kyrgyz	ky-KG	
Lao	lo-LA	
Latvian	lv-LV	
Lithuanian	lt-LT	
Maasai	mas-KE	
Macedonian	mk-MK	
Malagasy	mg-MG	
Malay	ms-MY	
Marathi	mr-IN	
Mongolian	mn-MN	



Language	BCP-47 mapping	Notes
Montenegrin	cnr-ME	
Nepali	ne-NP	
Norwegian	no-NO	
Pashto	ps-AF	
Polish	pl-PL	
Portuguese (Portugal)	pt-PT	
Portuguese (Brazil)	pt-BR	
Romanian	ro-RO	
Russian	ru-RU	
Serbian	sr-Latn-RS	audio only
Serbian (Cyrillic)	sr-Cyrl-RS	subtitles only
Serbian (Latin)	sr-Latn-RS	subtitle only
Seselwa Creole French	crs-SC	
Shona	sn-ZW	
Slovakian	sk-SK	
Slovenian	sl-SI	
Spanish (Latin America)	es-419	
Spanish (Spain)	es-ES	
Spanish (US)	es-US	used for production-delivered SAP Spanish intended for US linear use only
Swahili	sw	
Swati	ss-SZ	
Swedish	sv-SE	
Tagalog	tl-PH	



Language	BCP-47 mapping	Notes
Tajik	tg-TJ	
Tamil	ta-IN	
Telugu	te-IN	
Thai	th-TH	
Tibetan	bo	
Tswana	tn-BW	
Turkish	tr-TR	
Turkmen	tk-TM	
Ukrainian	uk-UA	
Urdu (Pakistan)	ur-PK	
Uzbek	uz-UZ	
Vietnamese	vi-VN	
Xhosa	xh-ZA	
Zulu	zu-ZA	
Artificial Language	art	for audio stems of fantasy/constructed languages, e.g., Klingon or Sangheili (Halo)

Appendix B: API Payload examples

Video Payload

```
{
  "editCrid": "d55cf6c7-306b-46c5-883a-4ab533341512",
  "user": "uploader@paramount.com",
  "provider": "ParamountPictures",
  "contentType": "Video Master",
  "videoType": "Texted Master",
  "language": "English",
  "languageCode": "en-US",
  "aspectRatio": "1.78:1",
  "dynamicRange": "SDR",
  "videoResolution": "HD",
  "framerate": "23.98",
  "audioMetadata": {
```



```
"config": [
  {
    "audioType": "Production / Full Mix",
    "languageCode": "es-419",
    "soundfield": "Discrete: 2.0 Stereo"
  },
  {
    "audioType": "Production / Full Mix",
    "languageCode": "pt-BR",
    "soundfield": "Discrete: 2.0 Stereo"
  },
  {
    "audioType": "Silence / MOS",
    "languageCode": "zxx",
    "soundfield": "Discrete: 2.0 Stereo"
  },
  {
    "audioType": "Silence / MOS",
    "languageCode": "zxx",
    "soundfield": "Discrete: 2.0 Stereo"
  }
]
},
"material": {
  "object": "meta-2alcSpO4pyyx4i6gRPPxwzLnWbG/upload-2alcSo8Lu48VJIFrfrmiswc4Xon1/video.mov"
}
}
```

Audio Payload

```
{
  "editCrid": "4cd8f4ed-d867-4857-93a4-714fc9f6ffc5",
  "user": "uploader@viacomcbs.com",
  "provider": "ParamountPictures",
  "contentType": "Audio",
  "config": [
    {
      "audioType": "Censored",
      "language": "English",
      "languageCode": "en-US",
      "soundfield": "Interleaved: 5.1 Surround",
      "tracks": [
        "Left/Right/Center/LFE/Ls/Rs"
      ]
    }
  ],
  "material": {
```



```
"object": "meta-2ajdSqrce4odCbkylokXRLm0ubP/upload-2ajdStL55lQvuS1td3xQoIKLhTU/audio.wav"
}
```

```
}
```

Text Payload

```
{
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",
  "user": "uploader@cbs.com",
  "provider": "ParamountPictures",
  "contentType": "Subtitle/Caption",
  "language": "English",
  "frameRate": "29.76",
  "textType": "Closed caption",
  "material": {
    "object": "meta-2LN6ProSy5IFQfwiCzxUxKEST8u/upload-2LYLdpMRorlsJkjRVqx0CrNUwvo/captions.scc"
  }
}
```

Image Payload

```
{
  "editCrid": "e18e0217-c7a3-4072-b411-739ac8050fab",
  "user": "uploader@cbs.com",
  "provider": "ParamountPictures",
  "contentType": "Image",
  "imageType": "Dub Card",
  "language": "English",
  "languageCode": "en-US",
  "frameDimensions": "3840 x 2160",
  "sequenceNumber": 1,
  "sequenceTotal": 10,
  "material": {
    "object": "3840_2160_e954293e-15d4-4168-90db-396fba7ec52.png"
  }
}
```

Supplemental Payload

```
{
  "editCrid": "de8f7be5-b997-4939-9d7f-91a0581d733a",
  "user": "uploader@paramount.com",
  "provider": "ParamountPictures",
  "contentType": "Supplemental",
  "supplementalType": "Graphics Toolkit (zip)",
  "material": {
```



```
"object": "meta-2xCdSa9vnAQbxCfQGZyofd2h0EA/upload-
2xCdSWwhYJIMqngQkQ1g5ShTkEC/HDAGTQ402V_AGTQ_Graphics_051625.zip"
}
}
```

Document Payload

```
{
  "editCrid": "1e679ebb-4f55-4213-b84b-0f7a0851ff0c",
  "user": "Uploader@paramount.com",
  "provider": "ParamountPictures",
  "contentType": "Document",
  "documentType": "Segment Rundown",
  "material": {
    "object": "meta-2xTtwGoHlnZ7BLayehJY5mqs96j/upload-
2xTtwEDzn9g1dGzyKpCgtH81LWK/UHDZTMA316A_ZATIMA_Rundown_052225.xlsx"
  }
}
```

Appendix C: API Responses

Success

```
{
  "status": "success",
  "message": "Record created",
  "additionalInfo": {
    "crid": "ef31b6d6-79e5-4323-942a-5d08d9fd7415",
    "revision": 0
  },
  "executionID": "arn:aws:states:us-east-1:175549355691:execution:mim-intake-irs-material-dev:b3be7c18-3874-463b-83bd-0309a890efff"
}
```

400 – Bad Request

```
{
  "status": "failed",
  "message": "Upload failed. Please reattempt.",
  "details": {
    "status": "failed",
    "error": "IrsClerkFailure",
    "additionalInfo": {
      "executionID": "arn:aws:states:us-east-1:xxxxxxx:execution:mim-irs-clerk-dev:9fb522fa-8ff2-43b0-a000-3bd2a6e5aac8",
      "invalid_fields": [
        "aspect_ratio"
      ],
      "missing_fields": []
    }
  }
}
```



```
    },
    "cause": {
      "errorMessage": "Invalid input",
      "errorType": "InvalidInputError"
    }
  }
}
```

Invalid Edit Crid or Content Type Provided

```
{
  "status": "failed",
  "message": "Upload failed. Please reattempt.",
  "details": {
    "status": "failed",
    "error": "InvalidInput",
    "cause": "The given input is invalid",
    "additionalInfo": {
      "executionID": "arn:aws:states:us-east-1:175549355691:express:mim-iota-material-api-dev:a99e8bc2-97b3-4b69-8cf9-552bc6a5c5bb:4912a459-8b8f-4694-acb1-841bc2bec07a"
    }
  }
}
```

500 – Internal Server Error

```
{
  "status": "failed",
  "message": "Upload failed. Please reattempt.",
  "details": {
    "status": "failed",
    "error": "Exception",
    "cause": "Unable to build IRS Clerk request message for content_type `Video Master` via template.",
    "additionalInfo": {
      "executionID": "arn:aws:states:us-east-1:xxxxxxxx:express:mupd-7592-iota-material-api-dev:zzzzzzzz-03b2-4301-83a7-1184bd6b6d0e:14db5e53-a370-4f76-9a96-2874f8e654df"
    }
  }
}
```

