

Bitcentral - Internal On Premise API

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NRCS Plugin API

All requests to this API require a OAuth2.0 JWT bearer token passed in the header.
Header

```
Authorization: Bearer {token}
```

1. Search for Stories

Returns a list of stories that match a given search criteria.

a) Request

POST - <https://{{HOST}}/Oasis/NrcsPlugin/Services/Stories/DoSearch>

Body

Field	Type	Description
SearchField	string	Name of field to search in, or null for all fields
TermAllWords	string	Words to search for, all words specified must be found in the story (AND clause)
TermAtLeastOne	string	Words to search for, one or more words specified must be found in the story (OR clause)
TermExactPhrase	string	phrase that must find an exact match in the story
TermWithout	string	Words that must not be in the story
Rundown	string	Name of the rundown the story belongs to
DateRangeFrom	date	Filter on AirDate in Local Time
DateRangeTo	date	Filter on AirDate in Local Time
DatePastHours	int	0 = no limit, >0 = limit to only the stories with an AirDate in the past X hours.
DatePastDays	int	0 = no limit, >0 = limit to only the stories with an AirDate in the past X days.

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Field	Type	Descriptiong
SourceSystemIdentifier	string	Oasis = Search Oasis for Archived and Non-Archived content
SourceStationIdentifier	string	Unique station identifier (e.g. DEV6-ST1-0000000000000001 where DEV6 is the station call letters)
CategoryHandles	string[]	List of unique category handles. See the call to “Get Search Options”
PageNumber	int	Page number of results to return (0 based index)
PageSize	int	number of results to return per page
SortBy	string	field to sort by “AirdateUTC” is the default
SortOrder	int	0 = Ascending, 1 = Descending

Example:

```
{
  "SearchField": null,
  "TermAllWords": "",
  "TermAtLeastOne": null,
  "TermExactPhrase": null,
  "TermWithout": null,
  "Rundown": null,
  "DateRangeFrom": "0001-01-01T08:00:00Z",
  "DateRangeTo": "9999-12-31T23:59:59.9999999Z",
  "DatePastHours": 0,
  "DatePastDays": 0,
  "SourceSystemIdentifier": "Oasis",
  "SourceStationIdentifier": "XXXX-ST1-0000000000000001",
  "CategoryHandles": [],
  "PageNumber": 0,
  "PageSize": 200,
  "SortBy": "AirdateUTC",
  "SortOrder": 1
}
```

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b) Response

Body

Field	Type	Description
hasMoreRecords	boolean	There are additional pages that can be requested
isLimitReached	boolean	True if Oasis will not return additional pages of results. Oasis will not return any results after 1200 items have been returned. For example, if you request 200 items per page, the 6th page is the last page of results we will return. Requesting the 7th page will return no items in the results array.
results	array	Array of search result items

Search Result Item

Field	Type	Description
handle	string	Unique ID for the story
dataProviderID	string	Station Handle
storyID	string	
isNrCsManaged	boolean	true = this story came from the NRCS and is active in one or more rundowns false = this item is not active in any rundowns
assets	array	Always contains one item
assets[0].objectID	string	Foreign Media ID
assets[0].mosID	string	MOS ID for the item in the NRCS or empty for NON NRCS items
assets[0].imageURL	string	HTTPS url to the thumbnail for this story
assets[0].proxyURL	string	HTTPS url to the MP4 video preview for this story
assets[0].broadcastLocation	string	HTTPS url to the broadcast video for this story (Offline files will return an error if requested)
assets[0].startTimecode	string	Timecode of the start of the video (must be enabled in configuration)

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Field	Type	Description
assets[0].lengthTimecode	string	Length of the Video in Timecode
assets[0].framesPerSecond	decimal	Always 29.97
assets[0].isPlaceholder	boolean	Always false
assets[0].mediaStatus	int	0 = Unknown, 1 = NoMedia, 2 = Ingesting, 3 = Encoding in Progress, 4 = Unrecognized Media Available , 5 = Available
assets[0].canAttach	boolean	Can the media for this story be attached to an NRCS item (does this story have media "Available")
metadata	object	Section of additional metadata (See Metadata Item Value Object and Icon field value tables below). All fields below are the same object type.
metadata.FormatIcon	object	Icon to show what format the media file is (SD, HD, UHD, etc)
metadata.LocationIcon	object	Icon for the location of the media file (Oasis, Create, Remote, etc.)
metadata.HasScriptIcon	object	Icon to display for the presence of a script
metadata.RestrictionIcon	object	Icon for Restricted stories
metadata.CategoiesAssignedIcon	object	Icon for Categories
metadata.EmbargoIcon	object	Icon for Embargo Status
metadata.TransferStatusIcon	object	Icon for Transfer Status
metadata.Slug	object	Contains Slug value
metadata.Synopsis	object	Contains Synopsis value
metadata.Script	object	Contains Script value (in BCScript format)
metadata.RundownName	object	Contains Rundown Name
metadata.PlayoutDuration	object	Video duration in timecode
metadata.AirdateUTC	object	Airdate value in UTC
metadata.SourceAffiliate	object	Name of the station that this story comes from

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Field	Type	Description
metadata.RestrictedText	object	Text describing the restrictions on this story
metadata.CategoryNames	object	Names of the associated categories
metadata.EmbargoRequest	object	Embargo status
metadata.ContentFormat	object	Not used?
metadata.Keywords	object	Not used?
metadata.AvailableFileFormats	object	List of comma separated user friendly broadcast format names that are available to request
metadata.LoggingNotes	object	List of logging notes (from Create items)
metadata.DigitalPublishIcon	object	Icon for MultiPath status

Metadata Item Value Object

Field	Type	Description
type	int	The type of the “value” field. <ul style="list-style-type: none"> • 0 = string • 1 = int • 2 = bool • 3 = DateTime • 4 = Icon • 5 = Logging Notes
value	string	The value of this item
icon	int	When the “type” is 4, this field contains the “value”.

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Possible Icon field values

Icon Value	Description
0	Unknown
1	Blank
2	Format 4x3
3	Format 16x9
4	Format HD
5	Format Unrecognized
6	Format Ingest Error
7	Location Local
8	Location Has Video
9	Has Script
10	Restricted
11	Categories Assigned
12	Embargoed
13	Transfer Initiated
14	Transfer Queued
15	Transfer In Progress
16	Transfer Completed
17	Transfer Error
18	NRCS Do Archive
19	NRCS Do Not Archive
20	Multipath Unknown
21	Multipath Posted
22	Multipath Published
23	Multipath Deleted



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24	UHD Format
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Example:

```
{
  "hasMoreRecords": true,
  "isLimitReached": false,
  "results": [
    {
      "handle": "DEV6-ST1-10000000000331f0",
      "dataProviderID": "DEV6-ST1-0000000000000001",
      "storyID": "",
      "isNracsManaged": false,
      "assets": [
        {
          "objectID": "84d905d1-540d-4af4-a625-0f2137d2784c",
          "mosID": "videosever.precis184.mos",
          "imageURL":
            "https://dev6.bitcentral.net/assets/thumbnail/84d905d1-540d-4af4-a625-0f2137d2784c.jpg",
          "proxyURL":
            "https://dev6.bitcentral.net/assets/proxy/84d905d1-540d-4af4-a625-0f2137d2784c.mp4",
          "broadcastLocation":
            "https://dev6.bitcentral.net/assets/fullres/84d905d1-540d-4af4-a625-0f2137d2784c.mp4",
          "startTimecode": null,
          "lengthTimecode": "00:00:10:16",
          "framesPerSecond": 29.97,
          "isPlaceholder": false,
          "mediaStatus": 5,
          "canAttach": true
        }
      ],
      "metaData": {
        "FormatIcon": {
          "value": {
            "type": 4,
            "value": null,
            "icon": 4,
            "loggingNotes": null
          },
          "toolTip": "High Definition"
        },
        "LocationIcon": {
          "value": {
            "type": 4,
            "value": null,
            "icon": 7,
            "loggingNotes": null
          },
          "toolTip": "H264 HD NTSC (local)"
        }
      }
    }
  ],
}
```

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```
"HasScriptIcon": {
  "value": {
    "type": 4,
    "value": null,
    "icon": 1,
    "loggingNotes": null
  },
  "toolTip": ""
},
"RestrictionIcon": {
  "value": {
    "type": 4,
    "value": null,
    "icon": 1,
    "loggingNotes": null
  },
  "toolTip": ""
},
"CategoriesAssignedIcon": {
  "value": {
    "type": 4,
    "value": null,
    "icon": 1,
    "loggingNotes": null
  },
  "toolTip": ""
},
"EmbargoIcon": {
  "value": {
    "type": 4,
    "value": null,
    "icon": 1,
    "loggingNotes": null
  },
  "toolTip": ""
},
"TransferStatusIcon": {
  "value": {
    "type": 4,
    "value": null,
    "icon": 1,
    "loggingNotes": null
  },
  "toolTip": ""
},
"Slug": {
  "value": {
    "type": 0,
    "value": "NOVEMBER DEALS",
    "icon": 0,
    "loggingNotes": null
  },
}
```

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```
    "toolTip": ""
  },
  "Synopsis": {
    "value": {
      "type": 0,
      "value": "",
      "icon": 0,
      "loggingNotes": null
    },
    "toolTip": ""
  },
  "Script": {
    "value": {
      "type": 0,
      "value": "<BcScript />",
      "icon": 0,
      "loggingNotes": null
    },
    "toolTip": ""
  },
  "RundownName": {
    "value": {
      "type": 0,
      "value": "PreAir processed by IngestFolderMon",
      "icon": 0,
      "loggingNotes": null
    },
    "toolTip": ""
  },
  "PlayoutDuration": {
    "value": {
      "type": 0,
      "value": "00:00:10:16",
      "icon": 0,
      "loggingNotes": null
    },
    "toolTip": ""
  },
  "AirdateUTC": {
    "value": {
      "type": 3,
      "value": "2024-06-11T23:39:00.0000000Z",
      "icon": 0,
      "loggingNotes": null
    },
    "toolTip": ""
  },
  "SourceAffiliate": {
    "value": {
      "type": 0,
      "value": "Station Dev",
      "icon": 0,
```

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```
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "RestrictedText": {
      "value": {
        "type": 0,
        "value": "",
        "icon": 0,
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "CategoryNames": {
      "value": {
        "type": 0,
        "value": "",
        "icon": 0,
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "EmbargoRequest": {
      "value": {
        "type": 2,
        "value": "False",
        "icon": 0,
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "ContentFormat": {
      "value": {
        "type": 0,
        "value": "",
        "icon": 0,
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "Keywords": {
      "value": {
        "type": 0,
        "value": "",
        "icon": 0,
        "loggingNotes": null
      },
      "toolTip": ""
    },
    "AvailableFileFormats": {
      "value": {
        "type": 0,
```

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```

        "value": "H264 HD NTSC (local)",
        "icon": 0,
        "loggingNotes": null
    },
    "toolTip": ""
},
"LoggingNotes": {
    "value": {
        "type": 5,
        "value": null,
        "icon": 0,
        "loggingNotes": []
    },
    "toolTip": ""
},
"DigitalPublishIcon": {
    "value": {
        "type": 4,
        "value": null,
        "icon": 20,
        "loggingNotes": null
    },
    "toolTip": ""
}
},
"isSendToCreateAllowed": true
}
]
}

```

2. Get Search Options

a) Request

GET - <https://{{HOST}}/Oasis/NrcsPlugin/Services/Stories/GetSearchOptions>

b) Response

Section	Description
parameter.sources	list of sources that can be searched
parameter.categories	list of categories that are available to search by

Example:

```

{
  "parameter": {

```

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```
"isSourcesAllowed": true,
"isFieldsAllowed": true,
"isCategoriesAllowed": true,
"isDatesAllowed": true,
"isAllDatesAllowed": true,
"isFromDateAllowed": true,
"isToDateAllowed": true,
"isAllWordsAllowed": true,
"isExactPhraseAllowed": true,
"isAnyWordsAllowed": true,
"isWithoutWordsAllowed": true,
"isRundowAllowed": true,
"isSearchSummaryAllowed": true,
"sources": {
  "defaultSystemIdentifier": "All",
  "systems": [
    {
      "displayName": "All",
      "identifier": "All"
    },
    {
      "displayName": "CORE:media",
      "identifier": "Create"
    },
    {
      "displayName": "Oasis",
      "identifier": "Oasis"
    }
  ],
  "defaultStationIdentifier": "DEV6-ST1-0000000000000001",
  "stations": [
    {
      "displayName": "-- All Locations --",
      "identifier": "All"
    },
    {
      "displayName": "Station 6 Dev",
      "identifier": "DEV6-ST1-0000000000000001"
    }
  ]
},
"categories": [
  {
    "name": "Business",
    "id": "CEDV-CE1-100000000000204b",
    "selected": false,
    "subCategories": []
  },
  {
    "name": "Sub Cats",
    "id": "CEDV-CE1-1000000000002048",
    "selected": false,
```

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```
"subCategories": [  
  {  
    "name": "Sub Cat 1",  
    "id": "CEDV-CE1-10000000000002044",  
    "selected": false,  
    "subCategories": []  
  },  
  {  
    "name": "Sub Cat 2",  
    "id": "CEDV-CE1-10000000000002045",  
    "selected": false,  
    "subCategories": []  
  }  
]  
}  
]
```

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3. Create Request for Broadcast File

This creates an export request that will place a broadcast file into a predefined export location.

a) Request

POST -

`https://{{HOST}}/Oasis/NrcsPlugin/Services/Request/CreateBroadcastTransferByStory`

Body

items	array of object	The list of stories to export
items.storyHandle	string	The handle for the story to export
type	int	1 = Transfer to Folder
exportLocationHandle	string	Handle for the location to place the file. Unique ID per station and location. See the call to “Get Request Options”

Example:

```
{
  "items": [
    { "storyHandle": "DEV6-ST1-100000000000331f0" }
  ],
  "type": 1,
  "exportLocationHandle": "DEV6-ST1-100000000000200a"
}
```

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4. Get Request Options

Gets a list of available export locations for a story.

a) Request

POST - `https://{{HOST}}/Oasis/NrcsPlugin/Services/Request/GetRequestOption`

Body

Field	Type	Description
storyHandle	string	handle for the story you want to request

Example:

```
{
  "StoryHandle": "DEV1-ST1-1000000000002349"
}
```

b) Response

Body

Field	Type	Description
exportLocations.handle	string	Unique ID for this export location
exportLocations.name	string	Name of the export location

Example:

```
{
  "allowRequest": true,
  "exportLocations": [
    {
      "handle": "DEV6-ST1-100000000000200a",
      "name": "Precis RVR"
    },
    {
      "handle": "DEV6-ST1-100000000000217a",
      "name": "Metadata Xml"
    },
    {
      "handle": "DEV6-ST1-100000000000332e5",
      "name": "Test1"
    }
  ]
}
```

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```

    },
    {
      "handle": "DEV6-ST1-10000000000332e6",
      "name": "Test2"
    }
  ],
  "allowDownload": true,
  "defaultDownloadPath": "C:\\Downloads",
  "isNotRequestable": false,
  "notRequestableMessage": ""
}

```

5. Get List of Current Requests

Gets a list of all pending and recently completed requests for broadcast files.

a) Request

GET - <https://{{HOST}}/Oasis/NrcsPlugin/Services/Request/GetRequests>

b) Response

Body

Field	Type	Description
requests	array of objects	List of currently active and recent requests (see Request Item object below)
errorMessage	string	always empty
hasError	boolean	always false

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Request Item

Field	Type	Description
requestHandle	string	unique ID for this request
requestType	string	<ul style="list-style-type: none"> Export = File placed on a share Download = A file downloaded to the users machine
currentStatus	string	<p>Possible status values:</p> <ul style="list-style-type: none"> Preparing Request Request Queued Request in Progress Request Complete Request Error
targetLocation	string	Name of the Location the file was sent to
storyHandle	string	Handle for the requested story
storySlug	string	Slug for the requested story
sourceStation	string	Name of the station that requested the file
requestingUserFullName	string	Name of the user that created the request
startDate	DateTime	Date the request was created
lastUpdated	DateTime	Date the request status was last updated

Example:

```
{
  "hasError": false,
  "errorMessage": "",
  "requests": [
    {
      "requestHandle": "DEV6-ST1-100000000003331f",
      "requestType": "Export",
      "currentStatus": "Request Complete",
      "targetLocation": "Precis RVR",
      "storyHandle": "DEV6-ST1-10000000000331f0",
      "storySlug": "NOVEMBER DEALS",
      "sourceStation": "Station 6 Dev",
      "requestingUserFullName": "admin",
    }
  ]
}
```



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```
"startDate": "2026-02-17T17:20:22.443",  
"lastUpdated": "2026-02-17T17:20:33.87"  
}  
]  
}
```