

APIs & SDKs

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Confirm API Key

'api_check' will tell you if your API Key is valid or not.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=api_check
```

```
{  
  "status": "success",  
  "message": "you have successfully authenticated to the api"  
}
```

Get Account Details

'get_account' will return the details of your account.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_account
```

```
{
  "status": "success",
  "data": {
    "account_guid": "33769928-8ecc-6d05-7ca0-93d48f2e80f2",
    "status": "active",
    "deleted": "no",
    "company_name": "Example Account",
    "poc_user_guids": null,
    "max_clusters": 1,
    "whitelabel": "no",
    "whitelabel_name_short": null,
    "whitelabel_name_long": null,
    "whitelabel_domain": null,
    "whitelabel_title": null,
    "whitelabel_hide_copyright": "no",
    "whitelabel_copyright": null,
    "clusters": [
      {
        "id": 1,
        "added": 1727869257,
        "updated": null,
        "account_guid": "33769928-8ecc-6d05-7ca0-93d48f2e80f2",
        "cluster_guid": "4fb2101b-3164-1385-2060-c720ac07e774",
        "name": "Example Cluster",
        "rtmp_endpoint": "dev.example.com",
        "hls_endpoint": "watch.example.com",
        "notes": "",
        "deleted": "no",
        "stream_storage_mount_point": "/mnt/recordings",
        "watermark_image": null,
        "api_push_urls_data":
```

```
"{"stream_start\\":\\"https://zeuscluster.com/api/api_test.php?c=stream_start\\",\\"stream_stop\\":\\"https://zeuscluster.com/api/api_test.php?c=stream_stop\\",\\"stream_recording\\":\\"https://zeuscluster.com/api/api_test.php?c=stream_recording\\"}",
  "servers": [
    {
      "id": 23,
      "added": 1728225983,
      "updated": 1730988937,
      .....
    }
  ]
}
```

Get Cluster Details

'get_cluster' will return the details of your cluster.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_cluster
```

```
{
  "status": "success",
  "data": {
    "added": 1728245878,
    "updated": null,
    "cluster_guid": "bg9c6f8b-140a-e5fc-deed-8be11a75b67f",
    "name": "Example Cluster",
    "rtmp_endpoint": "rtmp.example.com",
    "hls_endpoint": "watch.example.com",
    "notes": "",
    "deleted": "no",
    "stream_storage_mount_point": "/mnt/recordings",
    "stream_storage_location": "/mnt/recordings/zeuscluster/live_recordings"
  }
}
```

Get All Servers

'get_servers' will return the details for all servers in your cluster.

'get_servers' will return the details for all servers in your cluster.

```
{
  "status": "success",
  "data": [
    {
      "added": 1728225983,
      "updated": 1730456007,
      "cluster_guid": "efb2101b-3164-1385-2060-c720ac07e774",
      "server_guid": "68108a79-d9c0-fbaa-a30a-0463f73e1f40",
      "role": "1",
      "status": "offline",
      "name": "RTMP 01",
      "hostname": "rtmp-01.dev.us.example.com",
      "hostname_match": "yes",
      "ip_addresses": "[\"10.254.206.30\"]",
      "wan_ip_address": "1.2.3.4",
      "http_stream_port": 80,
      "uptime": 2119213,
      "connection_speed": 1000,
      "cpu_usage": "2.78",
      "ram_usage": "3.46",
      "disk_usage": "2.00",
      "bandwidth_down": "1657",
      "bandwidth_up": "1780",
      "lat": "",
      "lng": "",
      "country_code": "",
      "country_name": "",
      "region_name": "",
      "city": "",
      "zip_code": "",
      "time_zone": ""
    }
  ]
}
```

```
"os_version": "Ubuntu 24.04.1 LTS",
"gpu_stats": "",
"cpu_model": "Intel(R) Xeon(R) Gold 6354 CPU @ 3.00GHz",
"cpu_cores": "16",
"cpu_speed": "2992.968",
"ram_total": "32862928",
"kernel": "6.8.0-45-generic",
"active_connections": 36,
"notes": null,
"version": "3.0.0",
"ffmpeg_active_streams": 0,
"deleted": "no",
"recording_storage_total": "0 B",
"recording_storage_free": "0 B",
"recording_storage_used": "0 B"
},
{
  "added": 1728227676,
  "updated": 1730764725,
  "cluster_guid": "efb2101b-3164-1385-2060-c720ac07e774",
  "server_guid": "52bbff07-a91a-88ea-129a-a86a089bb338",
  "role": "2",
  "status": "online",
  "name": "Trans 01",
  "hostname": "trans-01.dev.us.example.com",
  "hostname_match": "yes",
  "ip_addresses": "[\"10.254.206.32\"]",
  "wan_ip_address": "1.2.3.4",
  "http_stream_port": 80,
  "uptime": 2427910,
  "connection_speed": 1000,
  "cpu_usage": "24.30",
  "ram_usage": "3.80",
  "disk_usage": "2.00",
  "bandwidth_down": "445",
  "bandwidth_up": "8398",
  "lat": "",
  "lng": "",
  "country_code": "",
  "country_name": ""
```

```
"region_name": "",
"city": "",
"zip_code": "",
"time_zone": "",
"os_version": "Ubuntu 24.04.1 LTS",
"gpu_stats": "",
"cpu_model": "Intel(R) Xeon(R) Gold 6354 CPU @ 3.00GHz",
"cpu_cores": "16",
"cpu_speed": "2992.968",
"ram_total": "32862924",
"kernel": "6.8.0-45-generic",
"active_connections": 12,
"notes": null,
"version": "3.0.0",
"ffmpeg_active_streams": 0,
"deleted": "no",
"recording_storage_total": "639.09 TB",
"recording_storage_free": "638.77 TB",
"recording_storage_used": "333.74 GB"
```

```
}
```

```
]
```

```
}
```


Get Server Details

'get_server' will return the details for a specific server in your cluster. You can use GET or POST to supply the variables.

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_server" \
-d "server_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
```

```
{
  "status": "success",
  "data": {
    "added": 1729676753,
    "updated": 1730821286,
    "cluster_guid": "efb2101b-3164-1385-2060-c720ac07e774",
    "server_guid": "8be4c9ee-46f6-1977-9fee-54a287eee1f4",
    "role": "2",
    "status": "online",
    "name": "Dev Server 01",
    "hostname": "dev-server-01.dev.us.example.com",
    "hostname_match": "yes",
    "ip_addresses": "[\"10.254.206.34\"]",
    "wan_ip_address": "1.2.3.4",
    "http_stream_port": 80,
    "uptime": 1144284,
    "connection_speed": 1000,
    "cpu_usage": "22.83",
    "ram_usage": "4.20",
    "disk_usage": "2.00",
    "bandwidth_down": "779",
    "bandwidth_up": "18",
    "lat": "",
    "lng": "",
    "country_code": "",
    "country_name": "",
    "region_name": "",
    "city": "",
    "zip_code": "",
  }
}
```

```
"time_zone": "",
"os_version": "Ubuntu 24.04.1 LTS",
"gpu_stats": "",
"cpu_model": "Intel(R) Xeon(R) Gold 6354 CPU @ 3.00GHz",
"cpu_cores": "16",
"cpu_speed": "2992.968",
"ram_total": "32862936",
"kernel": "6.8.0-45-generic",
"active_connections": 12,
"notes": null,
"version": "3.0.0",
"ffmpeg_active_streams": 0,
"deleted": "no",
"recording_storage_total": "",
"recording_storage_free": "",
"recording_storage_used": ""
},
"uptime": "13d 5h 51m 24s",
"server_role": "Transcoding Server"
}
```

Get All Streams

'get_streams' will return the details for all streams in your cluster.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_streams
```

```
{
  "status": "success",
  "data": [
    {
      "added": 1728714451,
      "updated": 1729655474,
      "cluster_guid": "ac9c6f8b-976a-e5fc-deed-8be11a75b67f",
      "stream_guid": "e5f52fe2-7468-17b9-f11a-5c18755e000d",
      "status": "offline",
      "live_stream_last_updated": 0,
      "is_banned": "no",
      "deleted": "no",
      "name": "Example Stream 1",
      "rtmp_guid": "d5d9c143-dbe6-6e44-b10c-ffd7861178e6",
      "hls_guid": "310d6eed-f7a7-7650-4a80-741caa6e4a05",
      "publisher_ip": "",
      "ingress_server_guid": "",
      "transcoder_server_guid": "",
      "rtmp_ffmpeg_pid": "0",
      "record_stream": "no",
      "stream_start_time": 0,
      "is_high_risk": "no",
      "ai_monitor": "no",
      "trigger_score": "0",
      "notes": "",
      "runtime": ""
    },
    {
      "added": 1728714741,
      "updated": 0,
      "cluster_guid": "ac9c6f8b-976a-e5fc-deed-8be11a75b67f",
```

```
"stream_guid": "d2ab6831-0b66-271a-f398-ffe3571c1947",
"status": "offline",
"live_stream_last_updated": 0,
"is_banned": "no",
"deleted": "no",
"name": "Example Stream 2",
"rtmp_guid": "9ad8068a-1719-6b9c-c8be-6449ef06c594",
"hls_guid": "4608d516-92cd-af30-f5dd-966951431f6f",
"publisher_ip": "",
"ingress_server_guid": "",
"transcoder_server_guid": "",
"rtmp_ffmpeg_pid": "0",
"record_stream": "no",
"stream_start_time": 0,
"is_high_risk": "no",
"ai_monitor": "no",
"trigger_score": "0",
"notes": null,
"runtime": ""
},
{
  "added": 1728715265,
  "updated": 0,
  "cluster_guid": "ac9c6f8b-976a-e5fc-deed-8be11a75b67f",
  "stream_guid": "63cf0029-4e5c-3fbb-209e-8c8fc18b4237",
  "status": "offline",
  "live_stream_last_updated": 0,
  "is_banned": "no",
  "deleted": "no",
  "name": "Example Stream 3",
  "rtmp_guid": "47a3de96-8fb1-8817-d6ca-187c60429a0c",
  "hls_guid": "5e0d09b8-9a05-dd5e-aca0-70c5f0bd208b",
  "publisher_ip": "",
  "ingress_server_guid": "",
  "transcoder_server_guid": "",
  "rtmp_ffmpeg_pid": "0",
  "record_stream": "no",
  "stream_start_time": 0,
  "is_high_risk": "no",
  "ai_monitor": "no",
```

```
    "trigger_score": "0",  
    "notes": null,  
    "runtime": ""  
  }  
]  
}
```

Get Stream Details

'get_stream' will return the details for a specific stream in your cluster. You can supply either 'stream_guid' or 'hls_guid' to identify the correct stream.

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_stream" \
-d "stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
```

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=get_stream" \
-d "hs_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
```

```
{
  "status": "success",
  "data": {
    "cluster_guid": "dfb2101b-3164-1385-2060-c720ac07e774",
    "stream_guid": "2af604b4-3166-c1a9-4de6-a7adf89b5458",
    "status": "online",
    "live_stream_last_updated": 1730763602,
    "is_banned": "no",
    "deleted": "no",
    "name": "Example Stream",
    "rtmp_guid": "bb72853c-060b-4938-9adf-2a53274ec642",
    "hls_guid": "cac3e1f1-b7a5-4cc8-8b40-890291afb718",
    "publisher_ip": "1.2.3.4",
    "ingress_server_guid": "58108a79-d9c0-fbaa-a30a-0463f73e1f40",
    "transcoder_server_guid": "42bbff07-a91a-88ea-129a-a86a089bb338",
    "record_stream": "yes",
    "stream_start_time": 1730449045,
    "is_high_risk": "no",
    "ai_monitor": "yes",
    "trigger_score": "0",
    "notes": "",
    "hls_stream": "https://watch.example.com/hls/cac3e1f1-b7a5-4cc8-8b40-890291afb718.m3u8",
    "transcoding_server": {
      "server_guid": "42bbff07-a91a-88ea-129a-a86a089bb338",
```

```
"role": "2",
"status": "online",
"name": "Trans 01",
"hostname": "trans-01.dev.us.example.com",
"hostname_match": "yes",
"ip_addresses": "[\"10.254.206.32\"]",
"wan_ip_address": "1.2.3.4",
"http_stream_port": 80,
"uptime": 2426789,
"connection_speed": 1000,
"cpu_usage": "22.50",
"ram_usage": "3.72",
"disk_usage": "2.00",
"bandwidth_down": "321",
"bandwidth_up": "10",
"lat": "",
"lng": "",
"country_code": "",
"country_name": "",
"region_name": "",
"city": "",
"zip_code": "",
"time_zone": "",
"os_version": "Ubuntu 24.04.1 LTS",
"gpu_stats": "",
"cpu_model": "Intel(R) Xeon(R) Gold 6354 CPU @ 3.00GHz",
"cpu_cores": "16",
"cpu_speed": "2992.968",
"ram_total": "32862924",
"kernel": "6.8.0-45-generic",
"active_connections": 12,
"notes": null,
"version": "3.0.0",
"ffmpeg_active_streams": 0,
"deleted": "no",
"recording_storage_total": "639.09 TB",
"recording_storage_free": "638.77 TB",
"recording_storage_used": "332.76 GB"
},
"historical_streams": [
```

```
{
  "stream_stats_guid": "ecbf8338-3418-5fb8-2ac4-9bfe9e2cd013",
  "stream_start_time": 1730432033,
  "stream_stop_time": 1730432152,
  "total_viewers": 0,
  "peak_viewers": 2,
  "trigger_score": 0,
  "video_codec": "h264",
  "video_resolution": "1080x1920",
  "video_bitrate": "2.7",
  "video_framerate": "60",
  "audio_codec": "aac",
  "audio_sample_rate": "48000",
  "audio_bitrate": "0.2",
  "recording_name": "bac3e1f1-b7a5-4cc8-8b40-890291afb718-1730432036.mp4",
  "recording_size": "37.17 MB",
  "recording_hls_guid": "bac3e1f1-b7a5-4cc8-8b40-890291afb718",
  "recording_timestamp": 1730432036,
  "recording_server_guid": "50bdd0f5-7f82-f0d8-cd0f-ab66e101f964",
  "mp4_stream": "https://watch.example.com/recording/ecbf8338-3418-5fb8-2ac4-9bfe9e2cd013",
  "mp4_download": "https://watch.example.com/recording/ecbf8338-3418-5fb8-2ac4-9bfe9e2cd013&download=yes"
}
]
```


Get Stream Recordings

'get_stream_recordings' will return the details for a specific stream in your cluster. You can supply either 'stream_guid' or 'hls_guid' to identify the correct stream.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX&c=get_stream_recordings&stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX
```

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX&c=get_stream_recordings&hls_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX
```

```
{
  "status": "success",
  "data": [
    {
      "stream_stats_guid": "ecbf8338-3418-5fb8-2ac4-9bfe9e2cd013",
      "stream_start_time": 1730432033,
      "stream_stop_time": 1730432152,
      "total_viewers": 0,
      "peak_viewers": 2,
      "trigger_score": 0,
      "video_codec": "h264",
      "video_resolution": "1080x1920",
      "video_bitrate": "2.7",
      "video_framerate": "60",
      "audio_codec": "aac",
      "audio_sample_rate": "48000",
      "audio_bitrate": "0.2",
      "recording_name": "bac3e1f1-b7a5-4cc8-8b40-890291afb718-1730432036.mp4",
      "recording_size": "37.17 MB",
      "recording_hls_guid": "bac3e1f1-b7a5-4cc8-8b40-890291afb718",
      "recording_timestamp": 1730432036,
      "recording_server_guid": "52bbff07-a91a-88ea-129a-a86a089bb338",
      "mp4_stream": "https://watch.example.com/recording/ecbf8338-3418-5fb8-2ac4-9bfe9e2cd013",
      "mp4_download": "https://watch.example.com/recording/ecbf8338-3418-5fb8-2ac4-
```

9bfe9e2cd013&download=yes"

},

{

"stream_stats_guid": "5afd95d0-b6e1-1c9b-b4b6-97a895553ceb",

"stream_start_time": 1730432248,

"stream_stop_time": 1730433328,

"total_viewers": 0,

"peak_viewers": 3,

"trigger_score": 0,

"video_codec": "h264",

"video_resolution": "1080x1920",

"video_bitrate": "2.9",

"video_framerate": "60",

"audio_codec": "aac",

"audio_sample_rate": "48000",

"audio_bitrate": "0.2",

"recording_name": "bac3e1f1-b7a5-4cc8-8b40-890291afb718-1730432251.mp4",

"recording_size": "343.98 MB",

"recording_hls_guid": "bac3e1f1-b7a5-4cc8-8b40-890291afb718",

"recording_timestamp": 1730432251,

"recording_server_guid": "52bbff07-a91a-88ea-129a-a86a089bb338",

"mp4_stream": "https://watch.example.com/recording/5afd95d0-b6e1-1c9b-b4b6-97a895553ceb",

"mp4_download": "https://watch.example.com/recording/5afd95d0-b6e1-1c9b-b4b6-

97a895553ceb&download=yes"

}

]

}

Add New Stream

'add_stream' allows you to add a new stream to your cluster. Spaces are allowed in the 'name' variable. You can use GET or POST to supply the variables.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=add_stream&name=test
123&record_stream=yes&ai_monitor=no
```

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=add_stream"
\
-d "name=test 123" \
-d "record_stream=yes" \
-d "ai_monitor=no"
```

```
{
  "status": "success",
  "result": {
    "name": "test 123",
    "cluster_guid": "efb2101b-3164-1385-2060-c720ac07e774",
    "stream_guid": "6fe09774-85d2-d184-a31b-9b39ac8518fe",
    "rtmp_guid": "dbc8d761-8a66-f52e-9f09-ad4c9c6b7760",
    "hls_guid": "0a285dfe-7afe-c7be-6218-263d997ffd84"
  }
}
```

Update Stream

'update_stream' allows you to update a stream to your cluster. You can use GET or POST to supply the variables.

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=update_stream" \
  -d "stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX" \
  -d "name=New Stream" \
  -d "notes=This is an awesome stream." \
  -d "record_stream=yes" \
  -d "ai_monitor=no" \
  -d "is_banned=no" \
```

```
{
  "status": "success",
  "message": "stream has been updated"
}
```

Generate Stream RTMP Key

'stream_new_rtmp_key' allows you to generate a new RTMP Key for a stream

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=stream_new_rtmp_key" \
-d "stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX"
```

```
{
  "status": "success",
  "result": {
    "stream_guid": "6fe09774-85d2-d184-a31b-9b39ac8518fe",
    "hls_guid": "0a285dfe-7afe-c7be-6218-263d997ffd84"
  }
}
```

Delete Stream

'delete_Stream' allows you to delete a stream to your cluster. You can use GET or POST to supply the stream_guid.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX&c=delete_stream&stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX
```

```
curl -X POST "https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX&c=delete_stream" \
-d "stream_guid=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXXX"
```

```
{
  "status": "success",
  "message": "stream has been deleted"
}
```

Streams to AI Monitor

'streams_to_monitor' will list all streams in your cluster that are configured for AI Content monitoring.

```
https://zeuscluster.com/api/?auth=XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX&c=streams_to_monitor
```

```
{
  "status": "success",
  "data": [
    {
      "stream_guid": "aaf604b4-3166-c1a9-4de6-a7adf89b5458",
      "hls_guid": "aac3e1f1-b7a5-4cc8-8b40-890291afb718",
      "status": "online",
      "name": "Dev Stream"
    },
    {
      "stream_guid": "40815c3d-ab53-ae1b-a399-0ecc54c8720b",
      "hls_guid": "gf4e6ec7-2e3d-42bb-8787-7973293f610d",
      "status": "offline",
      "name": "News"
    },
    {
      "stream_guid": "bdaf78d9-844b-eff7-7fea-59c8d3db1e78",
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