***Zone Minder API List***

* *To play video stream: http://localhost/zm/cgi-bin/nph-zms?scale=50&width=640p&height=480px&*

*mode=jpeg&maxfps=5&buffer=1000&&monitor=1&auth=b54a589e09f330498f4ae2203&*

*connkey=36139*

* [*http://localhost/zm/cgi-bin/nph-zms?monitor=5&user=admin&pass=Sr2128shubh*](http://localhost/zm/cgi-bin/nph-zms?monitor=5&user=admin&pass=Sr2128shubh) *🡪 API without filter*

***read:***

* */zm/cgi-bin -> is your CGI\_BIN path.*
* *The “auth” token you see above is required if you use ZoneMinder authentication.*
* *The “connkey” parameter is essentially a random number which uniquely identifies a stream. If you don’t specify a connkey, ZM will generate its own. It is recommended to generate a connkey because you can then use it to “control” the stream (pause/resume etc.).*
* *Instead of dealing with the “auth” token, you can also use &user=admin&pass=password where*

*“username” and “password” are your ZoneMinder username and password respectively. Note that this is not recommended because you are transmitting them in a URL and even if you use HTTPS, they may show up in web server logs.*

* *To retrieve the API version:* [*http://server/zm/api/host/getVersion.json*](http://server/zm/api/host/getVersion.json)
* *Return a list of all monitors:* [*http://server/zm/api/monitors.json*](http://server/zm/api/monitors.json)

*Output in JSON:*

*"Monitor\_Status": {*

*"MonitorId": "2",*

*"Status": "Connected",*

*"CaptureFPS": "1.67",*

*"AnalysisFPS": "1.67",*

*"CaptureBandwidth": "52095"*

*}*

* *Retrieve monitor 1:* [*http://server/zm/api/monitors/1.json*](http://server/zm/api/monitors/1.json)
* *Get Daemon Status of Monitor 1:* [*http://server/zm/api/monitors/daemonStatus/id:1/daemon:zmc.json*](http://server/zm/api/monitors/daemonStatus/id:1/daemon:zmc.json)
* *Add a monitor:*
  + *This command will add a new http monitor.*

*http://server/zm/api/monitors.json -d "Monitor[Name]=Cliff-Burton\&Monitor[Function]=Modect\*

*&Monitor[Protocol]=http\*

*&Monitor[Method]=simple\*

*&Monitor[Host]=usr:pass@192.168.11.20\*

*&Monitor[Port]=80\*

*&Monitor[Path]=/mjpg/video.mjpg\*

*&Monitor[Width]=704\*

*&Monitor[Height]=480\*

*&Monitor[Colours]=4"*

1. *Edit monitor 1*
   * *This command will change the ‘Name’ field of Monitor 1 to ‘test1’*

*-XPUT http://server/zm/api/monitors/1.json -d "Monitor[Name]=test1"*

1. *Delete monitor 1*
   * *This command will delete Monitor 1, but will \_not\_ delete any Events which depend on it*

*-XDELETE* [*http://server/zm/api/monitors/1.json*](http://server/zm/api/monitors/1.json)

1. *Arm/Disarm monitors*
   * *This command will force an alarm on Monitor 1:*

[*http://server/zm/api/monitors/alarm/id:1/command:on.json*](http://server/zm/api/monitors/alarm/id:1/command:on.json)

* + *This command will disable the alarm on Monitor 1:*

[*http://server/zm/api/monitors/alarm/id:1/command:off.json*](http://server/zm/api/monitors/alarm/id:1/command:off.json)

* + *This command will report the status of the alarm Monitor 1:*

*http://server/zm/api/monitors/alarm/id:1/command:status.json*

1. *Return a list of all events*

[*http://server/zm/api/events.json*](http://server/zm/api/events.json)

1. *For more API’s please go through the following link:* [*https://zoneminder.readthedocs.io/en/latest/api.html*](https://zoneminder.readthedocs.io/en/latest/api.html)