

Crawly - User Guide

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Crawly is the new and improved version of the existing log crawler. It traces the complete request recursively till the last hop and

provides the entire request logs to the engineers within few seconds. The output is then parsed displaying the significant fields that a TSE usually looks for in the course of troubleshooting.

Crawly is undergoing continuous iterations for improvements and enhancements. The [CHANGELOG - Crawly](#) contains all the details of every iteration in a chronological order which is aimed to help users track any modification / enhancement made in the tool.

Use Cases

Prominent features of Crawly are as follows:

- Performs the crawling of entire request log like the existing crawler by accepting an Akamai IP and a f/r/S log line.
- Accepts various other inputs like reference number, response header, cloudmon ID and NS4 log lines(NSOS_UL, NSDS_UL, C2S) to fetch the logs for any request.
- Parses the logs and displays the commonly used fields in a table.
- Provides raw log lines as well.
- Forwards the log lines to Log parser.
- Fetches media logs for VOD Translator, SMTCORE, Archiver and SMM
- Provides end to end logs for any logline entered. Can provide a log-line input from parent as well. It fetches the logs in both the direction.
- Provides the functionality to provide input through a query string.
- Fetches the Image Manager Pristine logs of image manager.
- Fetch nsds_ul / nsos_ul logs from c2s loglines.
- Provides shareable link for sharing the crawly result.
- Fetches "dbg_asis.log" / "dbg_asis.log.old.*" logs to assist with ESI troubleshooting
- Fetches ghost.ddc-local.log also.
- Provides you with the visualization for the Ghost logs and Image Manager logs.

Updates

All the updates can be seen in the [Change Log](#).

Workflow

Crawly 4.x automatically detects the type of input mentioned. The user doesn't have to pre-select an option before giving a request.

Crawling by Akamai IP and f/r log lines

User can provide an Akamai IP followed by the log line. Note that the IP and the log lines are separated by a single space as shown below

```
208.185.55.120 r 1588162273.622 - 3 294 1 232 232 15581 23.79.238.33 GET /9865/220104/1d/akamai-www.goibibo.com/ 301 - pJIV text/html www.goibibo.com - Mozilla/5.0-Akamai-Test-911228845 - - 1 - 602 - - 7e2a9ca5 0 - 4065e9d3 9865.b - - - - - 86400 - 696 406 15179 - - - oSK - r30a3f3f0.57873212.p.g 1566 rXPa89 - b3db9940 - - - -
23.79.238.33 3137 gk1_201621 - - - - - /waf@ra/7863/1/0/#0V/waf@ra/7863/5/0/#0 - -
cca=fast_mxc=/waf@ra/1/d/23.79.238.33_mise=g/57873212;webprod=RM;pcf=/a1@hdo/HBFPFPPPPKPUV/a2@hdo/BHIIIIIIIGV/tp/24400721020584481307+08/waf=|||||wre=46%
7c3n=9865||||9865;aid=369756;tap=/ACCOUNT-1-WI307H@0.RPD/n/0/#0.0.0V/ACCOUNT-1-WI307H@0.RPD.0/v0/ap_facetindex_ACCOUNT-1-WI307H.xml#0.1373.0V/ACCOUNT-1-
WI307H-496100-3@0.RPD.1/v1/#40741_0.29332;tapdbg=/ACCOUNT-1-
WI307H@/369756.RPD/hostub/failback;pin=http;ssl=0;;netp=aidy=52;fp=265;cpu=/f;tx@waf/2166/21945V/prod@uib/58V/prod@bm/21V/prod@scd/1359V/prod@uib/9.poma=35584;tf
f=8007 - - - 49838:487641:239:0 NS:NS:h;;; - vcd=828;mas=2263;;;20.83:56:108:57:550;ett=1;cpu=/thd@phtm13/4903 - - - - 294904 2949
```

Crawl

Clear

Crawling using f/r log lines New

User can also fetch log lines by directly providing r/f log line.

Note:

- Can enter only the logline without leading ghost IP. r line of the first hop will not be accepted.
- if a logline from the middle of the hop is mentioned, crawly will fetch the entire trace's logs

```
r 1588162273.654 - 1 254 0 232 232 2234 208.185.55.120 GET /9865/220104/1d/akamai-www.goibibo.com/ 301 - oPjV text/html www.goibibo.com - - Mozilla/5.0-Akamai-Test-
911228845 - - 2 - 1358 - - 7b5aa952 0 - 8e274a58.4065e9d3 9865.s1362 - - - - - 174 116 3915 - - - o - r7f1af0cflea0.221926158.p.g 290 89 - 99082940 - - - 23.79.238.33
1067 - - - - - cca=fast_mise=g/221926158;webprod=RM;aid=369756;pin=http;ssl=0;;netp=sip=1;aidy=52;fp=218;cpu=/f;tx@waf/131/190V/prod@bm/19.poma=35584;fff=8007 -
- - 3165:41990:284:0 NS:NS:h;;; - vcd=828;mas=675;;;13.27:35:49:12:256;cpu=/thd@phtm13/2095 - - - - 253979 1043
```

Crawl

Clear

Crawling by Reference Number

The log can be crawled for a given reference number as well.

Reference #18.6250f17.1588164382.301b781c

Crawl

Clear

Crawling by Reference Number whose Request Id = 0 New

User can also fetch logs for the reference number whose request_id is 0.

Reference #18.2f250f17.1588225690.0

Crawl

Clear

Crawling by Response Headers

User can also fetch log lines by providing response headers as well. User can paste all response headers* as follows:

Date e.g., Date: Tue, 01 Nov 2016 12:26:36 GMT

...

...

X-Akamai-Request-ID e.g., X-Akamai-Request-ID: 2ca28bbf.725ff9f

X-Cache e.g., X-Cache: TCP_MISS from a72-247-150-199.deploy.akamaitechnologies.com (AkamaiGHost/8.1.4.1.2-18493594)

X-Cache-REMOTE(optional) e.g., X-Cache-Remote: TCP_MISS from a204-2-187-37.deploy.akamaitechnologies.com (AkamaiGHost/8.1.4.1.2-18493594)

...

...

***Note:** Date, X-Akamai-Request-ID and X-Cache headers are mandatory. X-Cache-REMOTE is an optional one. There is no fixed order of occurrence for response headers as input.

Log Line(s)	Reference Number	Response Headers	Cloudmon ID	NS Log Line
<div>X-Akamai-Request-ID: 47c109d4.33b9cacc Date: Wed, 29 Apr 2020 12:15:11 GMT X-Cache: TCP_MISS from a104-124-105-36.deploy.akamaitechnologies.com (AkamaiGHost/9.9.4.2-29290934) (-)</div>				

Crawling by Cloudmon ID

User can also fetch log lines by providing a Cloudmon ID. Crawlly currently accepts only 24 character Cloudmon IDs. Any Cloudmon ID with less than 24 characters has the hex part of the IP truncated to drop the 0 leading it not possible to reverse calculate the true IP. This is a limitation in Cloudmonitor and not something Crawlly can address.

Log Line(s)	Reference Number	Response Headers	Cloudmon ID	NS Log Line
<div>20913f175e8df1e83d14c392f</div>				

Crawling by giving C2S and NS4 (NSDS_UL/NSOS_UL) LogLine New

User can also provide log lines for C2S/NSOS_UL/NSDS_UL log lines. The service types acceptable are - ["cobrascp", "cobraftp", "cobrasftp", "cobrasync", "cobracms", "cmsp_asp", "nsos_ul", "nsds_ul"].

```
24602 1.2.18.210.128 nosos.ul:{"request":{"id":"t_time":158765828154767,"is_client":false,"hops":{"proxy_type":"CDN_STORSYNC"},"client_addr":"185.73.19.104"},
"username":"CDN_interactions","pid":12280,"security":"SECURITY_NONE","service_class":{"czs"},"hostname":"HOP_servers","client_addr":"23.62.105.21:53868"},
"username":"CDN_interactions","auth_trace":"OGO","pid":35161},"timing":{"request_start":0,"request_headers":40,"request_body_done":6481,"reply_start":484924,
reply_body_done":485090,"done":485091,"cpconn_idle":37521,"forward_wait_time":201379,"alib_commit_wait_time":272032,"object_track_wait_time":1798,
"thread_wait_time":1171},"body_bytes_in":8939,"protocol_bytes_in":1068,"protocol_bytes_out":110,"request_info":{
"request_id":"U178514.10ea7c7c.gANV6h3Q6AqgcL.gADV52658ABk4c","method":"POST",
"url":"/388448/cdn/assets/interactions/prod/questions/6/c2/VcZGS5GAQzq3huqpa%3d%3d","host_header":"r23718-24602-f-25614-25629-c.1.esul.b.stor.lb.akamai.net:8214",
"xaas":"version=1&action=upload&size=8939&time=1587658281&md5=C5a47b75e907cd07b91d50992ab36748,intel=C1C81FFWqN8b7kEENE1T3bnKlM5G7GjYvNm4,
FY9A1BA2-Mycw0Sh18Dc5UyW0SXZjrh3Rp25&user=CDN_interactions","xaas_action":"upload","pconn_count":12},"alib":{"pconn_id":"158765828154818",
"version_id":"AHL5HA","mtime":15876585821,"size":8939,"hash":{"u00c5GwU0bfWu0090yu00f0yu00b1yu00d5yu0009yu0092u00ab6t"},"response_code":200,"bill_info":{
"cpcode":"388448","bill_zone":"europe","real_zone":"europe"},"bitmask":{"16777216,0,0,64,0},"tcp_info":{"rtt":37659,"snd_cwnd":28},"load_info":{
"smoothed_cup_utilization":7}}}
```

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Request ID: 1bfbb90

Forward IP: 104.70.178.95

Request ID: 1bfbb90

CRAWLY

2019-3-21 20:00:00 GMT

Akamai

Experience the Edge

US: 31.20.000

f	3/22/2019 08:31:21.035	1bfbb90	23.215.133.25	23.79.238.43	pK	/693/365048/1d/aamte2.download.akamai.com/logo.jpg	GET	200	7	20	185
---	---------------------------	---------	---------------	--------------	----	--	-----	-----	---	----	-----

Source: 104.70.178.95 -> Target: 23.48.39.210 US / ASHBURN r26530

r	3/22/2019 08:31:20.823	e8abe98.1bfbb90	-	104.70.178.95	oPeV	/1/365048/6h/aamte2.download.akamai.com/	GET	200	13	---	181
f	3/22/2019 08:31:20.836	e8abe98.1bfbb90	173.223.26.52	104.70.178.95	oPN	/1/365048/6h/aamte2.download.akamai.com/	GET	200	25	17	136

Source: 104.70.178.95 -> Target: 23.215.133.25 US / ASHBURN US / ASHBURN

r	3/22/2019 08:31:21.065	ff34b36.1bfbb90	-	104.70.178.95	oPeVK	/693/365048/1d/aamte2.download.akamai.com/logo.jpg	GET	200	12	---	170
f	3/22/2019 08:31:21.078	ff34b36.1bfbb90	173.223.26.52	104.70.178.95	oPN	/693/365048/1d/aamte2.download.akamai.com/logo.jpg	GET	200	25	17	127

Crawly fetches **MSL4** (Ingest Server and XBC) logs for a given log line input. It also fetches 'ingestserver.log', 'smtcore.access.log', 'smtcore.client.log', 'smtcore.trace.log' and 'xbc hotbackup' for any backup machines. **New**

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Creating request id t123acac.f278.ias158C. You can download results by [clicking here](#)

Akamai

Experience the Edge

Request trace started from Ghost: 200.123.195.4, Request ID: t123acac.f278.ias158C, Date: Fri, 22 Mar 2019, 9:55:26 am GMT

Re-Crawl

Record Tag	Request Time	Request ID	Forward IP	Client IP	Object Status	ARL
Source : Client --> Target : 200.123.195.4 AR / BUENOSAIREs r32900						
r	3/22/2019 09:55:26.049	t123acac.f278.ias158C	-	200.61.66.100	-	/693300/2002528/FSPREMIUM/20190315T113334/index_Layer1/00032/index_Layer1_02017.ts
f	3/22/2019 09:55:26.052	t123acac.t123acac.f278.ias158C	200.123.195.15	IAT	-	/693300/xbc-post/hls/2002528/FSPREMIUM/20190315T113334/index_Layer1/00032/index_Layer1_02017.ts

Raw Log Lines

Expand All

ingestserver.log Lines

+

Crawly fetches **NSOS** and **NSDS** logs.

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Akamai

Experience the Edge

Crawling request is **Completed** for request id = 372c309. You can [Download Results](#) by [Clicking Here](#).

Request trace started from **Ghost: 72.247.150.199**, **Request ID: 372c309**, **Date: Fri, 22 Mar 2019, 9:40:16 am GMT**

Record Tag	Request Time	Request ID	Forward IP	Client IP	Object Status	ARL	HTTP Method	HTTP Response	Request End Time	DNS Lookup time	Turnaro Time
Source : Client --> Target : 72.247.150.199 US / BOSTON r28366											
r	3/22/2019 09:40:16.496	372c309	-	23.79.238.43	geV	/=/16382/687667/1d/agupta-os.download.akamai.com/popularity.csv	GET	200	2	---	587
f	3/22/2019 09:40:16.498	372c309	10.247.150.200	23.79.238.43	g	/=/16382/687667/1d/agupta-os.download.akamai.com/popularity.csv	GET	200	0	0	586
Source : 72.247.150.199 --> Target : 72.247.150.200 US / BOSTON r28366											
r	3/22/2019 09:40:16.498	1b3ac5e.372c309	-	10.247.150.199	dsp5GeV	/=/1687667/1d/agupta-os.download.akamai.com/popularity.csv	GET	200	1	---	584
f	3/22/2019 09:40:16.500	1b3ac5e.372c309	23.192.162.19	10.247.150.199	pG	/=/1687667/1d/agupta-os.download.akamai.com/popularity.csv	GET	304	78	34	471
Source : 72.247.150.199 --> Target : 23.192.162.19 FR / LONDON r28366											

Crawly fetches **transformer.log** and **realtime.log** of **Image Manager**. It can also fetch Image Pristine Manager logs for transformer logs. **New**

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transformer.log Lines											
<div> <div>Copy Log</div> <pre> 23.201.97.14 2019-08-26 06:20:41.131 INFO c.a.i.l.r.RealtimeRequestHandler [qtp419280591-546542] - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :begin-request *http://thompsonqa.download.akamai.com/assets/product/images/TC_J29405_ET014231_3.jpg? policyName=FRYCATEGORY&policyboni=H4sAAAAAAGVRTU%2fIDMAz9K8gc6VC7TQPBFQbxfGjy4R2yBq3Dcu5sKT7oOp%2fx%2bmGhEoDcWw%2fvzC7LlUgBD8ardf78Pr9dntaQgPRLJdC9GSWM7C5K48J HNBSaT5waQKC8BwdDh2n2n2MeoFR9nDpuwacom7uJUDIE1Hh0hwg61Rnf%2bCrXZW2905Uxj7wuzDwwXpVsudOPxO%2b8fbSDGDGs0MtdPRRIADyyZpAJXKeg7kzMgIZ4sE1UfIEZB7iwUlozQBug5fywGDDDDQCS KpD9TWUJhnlAyI%2fypypcofdrUJhC12DK%2fklfowotdHFKL3CgTtYreMhd9Ae6TQJb2uHOGqkDjd1eQIC5GVt/WCaYsQM18NV33vs98mUCx6uQHt4VVKYrEx%2fy%2bInu4yVlK9aMZKEKFLUqC5%2fmz3A65L EwQEAgAA&wdth=130&lunatoken=static_tc-assets_com- 5379414&url=https%3a%2f%2fassets.thompsoncigar.com%2fassets%2fproduct%2fimages%2fTC_J29405_ET014231_3.jpg%3faka%3d123499981&ignore-after&aka=123499981" 23.201.97.14 23.201.97.14 2019-08-26 06:20:41.131 INFO c.a.i.l.r.RealtimeRequestHandler [qtp419280591-546542] - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :ghost-auth-data {req_id=b99d804, r_c_ip=, ccode=159745, product=IM, salt=14564040962402159513, g_s_ip=23.222.29.202, parse=1, time=1566800440952, c_ip=80.67.65.12, nonce=v1, g_ip=23.222.29.206} 23.201.97.14 2019-08-26 06:20:41.131 INFO c.a.i.l.r.RealtimeRequestHandler [qtp419280591-546542] - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :request-time :ghost 1566800440952 :request-time 1566800441131 :elapsed 179 </pre> </div>											
realtime.log Lines											
<div> <div>Copy Log</div> <pre> 23.201.97.14 2019-08-26 06:20:41.131 [qtp419280591-546542] INFO realtime.RealtimeRequestHandler - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :begin-request *http://thompsonqa.download.akamai.com/assets/product/images/TC_J29405_ET014231_3.jpg? policyName=FRYCATEGORY&policyboni=H4sAAAAAAGVRTU%2fIDMAz9K8gc6VC7TQPBFQbxfGjy4R2yBq3Dcu5sKT7oOp%2fx%2bmGhEoDcWw%2fvzC7LlUgBD8ardf78Pr9dntaQgPRLJdC9GSWM7C5K48J HNBSaT5waQKC8BwdDh2n2n2MeoFR9nDpuwacom7uJUDIE1Hh0hwg61Rnf%2bCrXZW2905Uxj7wuzDwwXpVsudOPxO%2b8fbSDGDGs0MtdPRRIADyyZpAJXKeg7kzMgIZ4sE1UfIEZB7iwUlozQBug5fywGDDDDQCS KpD9TWUJhnlAyI%2fypypcofdrUJhC12DK%2fklfowotdHFKL3CgTtYreMhd9Ae6TQJb2uHOGqkDjd1eQIC5GVt/WCaYsQM18NV33vs98mUCx6uQHt4VVKYrEx%2fy%2bInu4yVlK9aMZKEKFLUqC5%2fmz3A65L EwQEAgAA&wdth=130&lunatoken=static_tc-assets_com- 5379414&url=https%3a%2f%2fassets.thompsoncigar.com%2fassets%2fproduct%2fimages%2fTC_J29405_ET014231_3.jpg%3faka%3d123499981&ignore-after&aka=123499981" 23.201.97.14 23.201.97.14 2019-08-26 06:20:41.131 [qtp419280591-546542] INFO realtime.RealtimeRequestHandler - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :ghost-auth-data {req_id=b99d804, r_c_ip=, ccode=159745, product=IM, salt=14564040962402159513, g_s_ip=23.222.29.202, parse=1, time=1566800440952, c_ip=80.67.65.12, nonce=v1, g_ip=23.222.29.206} 23.201.97.14 2019-08-26 06:20:41.131 [qtp419280591-546542] INFO realtime.RealtimeRequestHandler - static_tc-assets_com-5379414 request-8977414-14409271-b99d804 :request-time :ghost 1566800440952 :request-time 1566800441131 :elapsed 179 </pre> <div> <div>ghost</div> <div>Did the tool help?</div> </div> </div>											

Crawly fetches **NetStorage** and **C2S** Logs. **New**


```
23.215.134.151 Region Number: 22727 | C2S

/a/logs/cobrasync/tx.log

{"request":{"bitmask":{"[2097152]","body_bytes_in":252,"hops":{"client_addr":"23.227.8.46","pid":6080,"proxy_type":"HOP_STORSYNC","security":"SECURITY_NONE","service_class":"c2s","username":"stitch_user_01"}},...}}

/a/logs/cobrasync/cobrasync.log

"1588127500.448 I (6080,6084) http.cc:565: {18547d.F8CHVF605wABqTH} Request:make_request(stat, '/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg' (/353684/saatchiart/24...))
"1588127500.448 I (6080,6084) http.cc:659: {18547d.F8CHVF605wABqTH} Request:sign_request (stat, '/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg')
"1588127500.448 I (6080,6084) http.cc:709: {18547d.F8CHVF605wABqTH} finalize_request: GET X-Akamai-ACS-Action: version=1&action=stat&format=xml&encoding=iso-8859-1&implicit=yes&internal=C10ICBIFFS414...
"1588127500.448 I (6080,6084) http.cc:738: {18547d.F8CHVF605wABqTH} Request:start action:stat cpcode:353684 host:'34819-35953.c.1.dsul.b.stor.lb.akamai.net:8210'
"1588127500.457 I (6080,6084) http_client.cc:934: {srvcr.http} {18547d.F8CHVF605wABqTH} Response: [HTTP/1.1] [200] [OK]
"1588127500.457 I (6080,6084) http.cc:796: {18547d.F8CHVF605wABqTH} resp_hdr_cb: Peer address is 104.82.64.132:8210
"1588127500.458 I (6080,6084) http.cc:838: {18547d.F8CHVF605wABqTH} done_cb_pre: request complete: peer=104.82.64.132:8210 GET '/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg'
"1588127500.458 I (6080,6084) http.cc:1241: {18547d.F8CHVF605wABqTH} Stat:completed: '/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg'"

104.82.64.132 Region Number: 34819 | NSDS

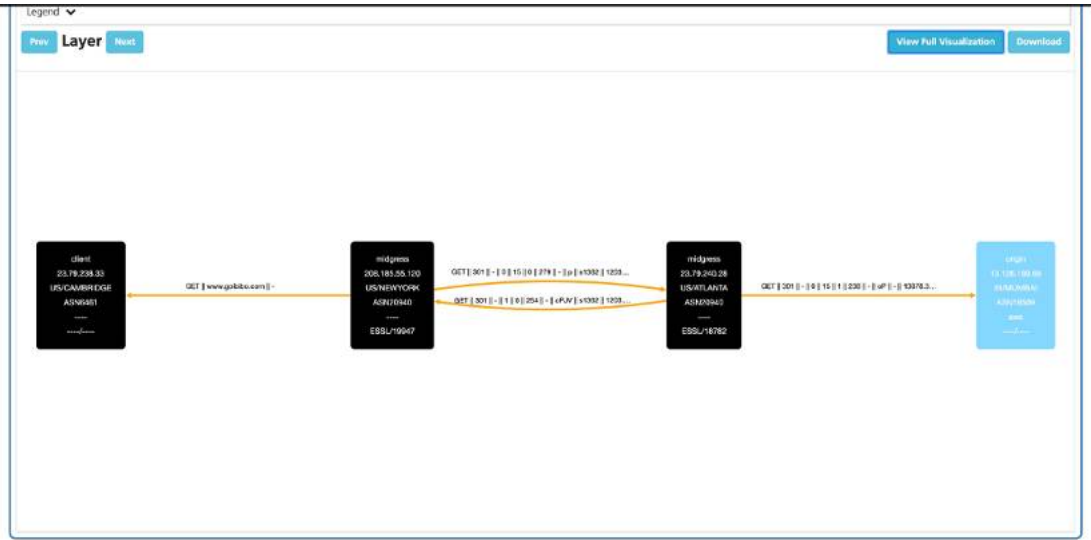
/a/logs/nsds_ul/tx.log

{"request":{"bitmask":{"[2097152,0,0,1032]","body_bytes_in":891,"hops":{"pid":4069,"server_addr":"127.0.0.1:11972"},"is_client":true,"protocol_bytes_in":266,"protocol_bytes_out":377,"request_info":{"host","request":{"bill_info":{"bill_zone":"uswest","cpcode":"353684","real_zone":"uswest"},"bitmask":{"[2097152]","body_bytes_out":252,"hops":{"client_addr":"23.227.8.46","pid":6080,"proxy_type":"HOP_STORSYNC"},"...}}

/a/logs/nsds_ul/nsds_ul.log

"1588127500.449 I (4069,4069) main.cc:133: {nsds.ds.main.} {dafd76.18547d.F8CHVF605wABqTH} Dispatch: [GET] [/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg] [HTTP/1.1]
"1588127500.450 I (4069,4069) config.cc:198: {nsds.ds.config.} {dafd76.18547d.F8CHVF605wABqTH} dns_prefix for [34819-35953.c.1.dsul.b.stor.lb.akamai.net:8210] not configured"
"1588127500.450 D (4069,4069) ds_dispatch.cc:986: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} The DB is {db34819}"
"1588127500.450 I (4069,4069) ds_dispatch.cc:1174: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} request for [/353684/saatchiart/2017/scheduled/customer_newsletter/052717/052717_presents6.jpg] met
"1588127500.450 D (4069,4069) rate.cc:41: {nsds.ds.rate.} {dafd76.18547d.F8CHVF605wABqTH} Queue [353684.review_stat] length [1]"
"1588127500.450 V (4069,4069) ds_dispatch.cc:311: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} op 0xa598a50,0xa5be760 ready for rate class queue .review_stat for 353684.review_stat"
"1588127500.450 D (4069,4069) rate.cc:41: {nsds.ds.rate.} {dafd76.18547d.F8CHVF605wABqTH} Queue [.review_stat] length [1]"
"1588127500.450 V (4069,4069) ds_dispatch.cc:337: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} op 0xa598a50,0xa5be760 adding to fairness queue 353684.review_stat"
"1588127500.450 V (4069,4069) ds_dispatch.cc:370: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} op 0xa598a50,0xa5be760 run from queue 353684.review_stat"
"1588127500.450 V (4069,4069) op.cc:70: {nsds.ds.op.} {dafd76.18547d.F8CHVF605wABqTH} running now"
"1588127500.450 D (4069,4069) update_handler_impl.hh:217: {dbapi.update.} {dafd76.18547d.F8CHVF605wABqTH} issue_pending: start_get"
"1588127500.450 D (4069,4069) update_handler_impl.hh:227: {dbapi.update.} {dafd76.18547d.F8CHVF605wABqTH} start_get"
"1588127500.450 I (4069,4069) http_transaction.cc:124: {srvcr.http.transaction.} {afcd3d.daf76.18547d.F8CHVF605wABqTH} transaction method [GET] url [/db34819/353684/2fsaatchiart%2f2017%2fscheduled%2fcus...
"1588127500.453 I (4069,4069) ds_dispatch.cc:1206: {nsds.ds.dispatch.} {dafd76.18547d.F8CHVF605wABqTH} Operation not blocked on queue 353684.review_stat,353684.review_stat"
"1588127500.453 I (4069,4069) http_client.cc:934: {srvcr.http} {afcd3d.daf76.18547d.F8CHVF605wABqTH} Response: [HTTP/1.1] [200] [OK]"
"1588127500.453 D (4069,4069) update_handler_impl.hh:250: {dbapi.update.} {dafd76.18547d.F8CHVF605wABqTH} get_result status_code=200 XCRI=e5d148c6"
"1588127500.453 D (4069,4069) update_handler_impl.hh:286: {dbapi.update.} {dafd76.18547d.F8CHVF605wABqTH} get_result parsed result"
"1588127500.453 D (4069,4069) update_handler_impl.hh:730: {dbapi.update.} {dafd76.18547d.F8CHVF605wABqTH} finished: success=1"
```

Crawly also draws visualization for Ghost and ImageManager logs. **New**



- 1. Features
 - 1. Lines are color coded as per their status code (500, 400 etc)
 - 2. Right-clicking on a tile allows
 - 1. Download logs for that tile (IP)
 - 2. Ability to view tile information in greater detail in [Netarch](#) and [Region360](#)
 - 3. Hovering over lines gives a more verbose representation of the data present. Distance is color coded with distance exceeding 500km colored in red
 - 4. Tiles are placed vertically
 - 1. If they belong to the same hop
 - 2. If they are siblings ie object_status in f line contains g
 - 3. Tiles are colored based on their provider

- Can be viewed in layers

Results Page

Information about IP Tool, Edgescape and Region360

Clicking on the IP after 'Region360 link' will take you to [Region360](#).

Other Information **New**

You can also download the results for later use using the 'Download Raw Logs' button.

You can also download the visualization using the 'Download Visualization' button.

You can parse all the log lines at once using the 'Parse Log Lines' button.

You can get the shareable link by clicking on the 'Copy Share Link' button.

You can add more fields to view in the table by clicking on the fields.

Hovering over the object_status cell provides additional information regarding each character in the object status

RESULTS													
4065e9d3													
Crawl request is COMPLETED for Request Id: 4065e9d3 from Ghost IP: 208.185.55.120 for Timestamp: Wed, 29 Apr 2020, 12:11:13 pm.													
Download Raw Logs Download Visualization Parse Log Lines Fetch & View Copy Share Link Go To Raw Logs Go To Visualization													
Displayed Log Fields: ⌵													
<input checked="" type="checkbox"/> Ghost IP	<input checked="" type="checkbox"/> Log Type	<input checked="" type="checkbox"/> Request Time	<input checked="" type="checkbox"/> Request ID	<input type="checkbox"/> True Client IP	<input checked="" type="checkbox"/> Client IP	<input type="checkbox"/> Co Code	<input type="checkbox"/> Domain Cache Key						
<input type="checkbox"/> Protocol	<input type="checkbox"/> Cipher	<input checked="" type="checkbox"/> Host Header	<input type="checkbox"/> Path	<input checked="" type="checkbox"/> ARL	<input type="checkbox"/> Forward ARL	<input type="checkbox"/> Request header size	<input type="checkbox"/> Request body size						
<input type="checkbox"/> Request size	<input checked="" type="checkbox"/> HTTP Method	<input checked="" type="checkbox"/> HTTP Status	<input type="checkbox"/> Content Length	<input type="checkbox"/> Content Size	<input checked="" type="checkbox"/> Total Size	<input type="checkbox"/> Content Type	<input type="checkbox"/> Range						
<input type="checkbox"/> TCP Stat ID	<input type="checkbox"/> Request Number	<input type="checkbox"/> Header read/write time	<input type="checkbox"/> DNS lookup time	<input type="checkbox"/> Cost of Applying Metadata	<input type="checkbox"/> Origin response time	<input type="checkbox"/> Transfer time	<input checked="" type="checkbox"/> Total time						
<input type="checkbox"/> DL Rate (bytes/s)	<input type="checkbox"/> Object Status	<input type="checkbox"/> Object status 2	<input type="checkbox"/> Object status 3	<input type="checkbox"/> WAF Rules	<input type="checkbox"/> Edge Tokenization Info	<input type="checkbox"/> MPVF	<input type="checkbox"/> Rate Accounting Information						
<input type="checkbox"/> HTTP Referrer	<input type="checkbox"/> User Agent	<input type="checkbox"/> Cookies	<input type="checkbox"/> Custom Field	<input checked="" type="checkbox"/> Error	<input checked="" type="checkbox"/> Forward IP	<input type="checkbox"/> Parent IP	<input checked="" type="checkbox"/> Forward hostname						
Ghost IP	Log Type	Request Time	Request ID	Client IP	Host Header	ARL	HTTP Method	HTTP Status	Total Size	Total time	Error	Forward IP	Forward hostname
Source Client -> Target: 208.185.55.120 US / NEWYORK v10947 (332) Map Rule: (y)akamaiedge.net158, aka-usmau.net:332)													
208.185.55.120	r	4/29/2020 12:11:13.622	4065e9d3	23.79.238.33	www.gobibb.com	6/5885/2201047/akamai-www.gobibb.com/	GET	301	19581	0.298 s	-	-	Region360 link: 208.185.55.120
208.185.55.120	f	4/29/2020 12:11:13.625	4065e9d3	23.79.238.33	---	6/5885/2201047/akamai-www.gobibb.com/	GET	301	2234	0.284 s	-	23.79.240.87	es985s1362.akamaiedge.net
Source: 208.185.55.120 -> Target: 23.79.240.28 US / ATLANTA v10947 (332) Map Rule: (est)362.akamaiedge.net:10852)													
23.79.240.28	r	4/29/2020 12:11:13.654	8a274d58-4065e9d3	208.185.55.120	www.gobibb.com	6/5885/2201047/akamai-www.gobibb.com/	GET	301	2234	0.255 s	-	-	Region360 link: 23.79.240.28
23.79.240.28	f	4/29/2020 12:11:13.655	8a274d58-4065e9d3	208.185.55.120	---	6/5885/2201047/akamai-www.gobibb.com/	GET	301	445	0.254 s	-	13.126.180.66	akamai-www.gobibb.com

Recrawl

You can now retry recrawl for the input that has been already been crawled and has the same request-id, ip and timestamp.

For NS4 inputs:

Log Line(s) | Reference Number | Response Headers | Cloudmon ID | NS Log Line

```
{
  "start_time": 15812750668848,
  "is_client": false,
  "https": true,
  "proxy_type": "HOP_STOBYNO",
  "client_addr": "23.227.8.46",
  "username": "stitch_user_01",
  "pid": 6080,
  "security": "SECURITY_NONE",
  "service_class": "C2",
  "username": "stitch_user_01",
  "pid": 6080,
  "client_addr": "23.215.134.151",
  "auth_trace": "000",
  "auth_trace": "000",
  "id": 4069,
  "request_start": 86,
  "request_headers": 121,
  "request_body_done": 522,
  "request_start": 3850,
  "body_bytes_out": 252,
  "protocol_bytes_out": 581,
  "protocol_bytes_out": 136,
  "request_info": {
    "request_url": "https://184.51.184.51/akamai-net/2017/scheduled/customer_newletter/052717052717_present6.jpg",
    "method": "GET",
    "url": "https://184.51.184.51/akamai-net/2017/scheduled/customer_newletter/052717052717_present6.jpg",
    "host_header": "184.51.184.51",
    "mime": "application/javascript",
    "version": "1.0",
    "format": "urlencoded",
    "encoding": "iso-8859-1",
    "implicit_https": true,
    "internal": "C2",
    "ip": "23.215.134.151",
    "ua": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.149 Safari/537.36",
    "referrer": "https://184.51.184.51/akamai-net/2017/scheduled/customer_newletter/052717052717_present6.jpg",
    "response_code": 200,
    "url_info": {
      "ipcode": "353664",
      "bill_name": "us-east-1",
      "real_name": "us-east-1",
      "email": "E20971521",
      "url_info": {
        "ip": "127.0.0.1",
        "url": "https://184.51.184.51/akamai-net/2017/scheduled/customer_newletter/052717052717_present6.jpg"
      }
    }
  }
}
```

Re-Crawl Clear

RESULTS

d4fd76.18547d.F8CHvF6o5wwABqTH

Crawl request is **COMPLETED** for Request Id: d4fd76.18547d.F8CHvF6o5wwABqTH from Ghost IP: 23.215.134.151 for Timestamp: Wed, 29 Apr 2020, 2:31:40 am.

Download Raw Logs

Copy Share Link

For Other Inputs (Log Line/Request Header/Cloudmon Id/Reference num):

Log Line(s) | Reference Number | Response Headers | Cloudmon ID | NS Log Line

```
X-Akamai-Session-Info: name=AKA_PM_PROPERTY_VERSION; value=52
X-Akamai-Session-Info: name=AKA_PM_SR_ENABLED; value=true
X-Akamai-Session-Info: name=AKA_PM_SR_NODE_ID; value=0
X-Akamai-Session-Info: name=AKA_PM_TD_ENABLED; value=false
X-Akamai-Session-Info: name=AKA_PM_TD_MAP_PREFIX; value=ch2
X-Akamai-Session-Info: name=ANS_PEARL_VERSION; value=0.11.0
X-Akamai-Session-Info: name=FASTTCP_RENO_FALLBACK_DISABLE_OPTOUT; value=on
X-Akamai-Session-Info: name=NL_14637_GEOBLACKLIST_NAME; value=Geo Blacklist
X-Akamai-Session-Info: name=NL_14637_GEOBLACKLIST_VALUE; value=
X-Akamai-Session-Info: name=NL_23971_IPBLACKLISTAPPOICY_NAME; value=IP Blacklist API policy
X-Akamai-Session-Info: name=NL_23972_GEOBLACKLIST_NAME; value=GEO Blacklist API Policy
X-Akamai-Session-Info: name=NL_23972_GEOBLACKLIST_VALUE; value=
X-Akamai-Session-Info: name=NL_62265_HERMESNETWORKBLOCK_NAME; value=Hermes Network Block
X-Akamai-Session-Info: name=NL_70326_SAUCELABSIPSUBNET_NAME; value=Sauce-Labs-IP/Subnet
X-Akamai-Session-Info: name=OVERRIDE_HTTPS_CACHE_BUST; value=all
X-Akamai-Session-Info: name=PCH_SITE_SHIELD_MAP; value=chws.akamaiedge.net
X-Akamai-Session-Info: name=RPD_API_LDR_CNT_RLM; value=ACCOUNT-1-WB07H
X-Akamai-Session-Info: name=RPD_API_TAP_LOADED; value=true
X-Akamai-Session-Info: name=RPD_FMA_STATUS; value=on
X-Akamai-Session-Info: name=RPD_VERSION; value=20.3.0
```

Re-Crawl Clear

RESULTS

Crawl request is **COMPLETED** for Request Id: ec22ee3 from Ghost IP: 23.67.251.186 for Timestamp: Thu, 30 Apr 2020, 6:01:11 am.

Download Raw Logs

Download Visualization

Parse Log Lines

Fetch & View

Copy Share Link

Go To Raw Logs

Go To Visualization

Reference

<https://tools.aps.akamai.com/crawly/>

Comments

B

Add a comment...

B *I*     + ▾

Comment

MOST RECENT

V

Victor Velechovsky ...

Hi Crawly team, is there an API available that I can use to get ddc logs for a request programatically (by passing in the response headers from the request)?

In other words is the Crawly API meant to be interacted with directly and are there docs for it?

🌐 [Translate into English](#)

June 17, 2025

👍 1 Like ↩ Reply

**John Payne** ...

When this tool works, it works great

Looking in the console when this happens, it seems that <https://crawly-aps.akamai.com/api/crawly/crawl> is giving a 400 bad request.

🌐 [Translate into English](#)

February 13, 2019

👍 0 Like ↩ Reply

**Niranjana Balasubramani** ...

Hello John,

Kindly clear your cache and retry again.

🌐 [Translate into English](#)

February 13, 2019

👍 0 Like ↩ Reply

M

_lumapps_mig Mig ...

[Redacted content]

▾ [Show more](#)

🌐 [Translate into English](#)

November 14, 2018

👍 0 Like ↩ Reply



_lumapps_mig Mig

Originally written by Salem Artin

...

Thanks for your reply. Is it possible that I/we/someone host Crawly within the lab/locally and do a bit of tweaking so that it works?

🔗 [Translate into English](#)

November 14, 2018

👍 0 Like ↩ Reply



Scott Lerner

...

We charge by the line, so it could be expensive :-).

You can work with 👤 **Ravi Ranjan**, our engineering manager to explore code access. I don't think that will be an issue to grant you the ability to pull.

🔗 [Translate into English](#)

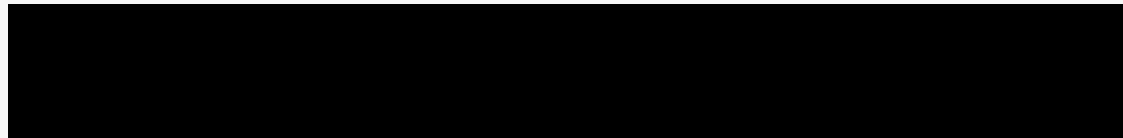
November 14, 2018

👍 0 Like ↩ Reply



_lumapps_mig Mig

...



▼ [Show more](#)

🔗 [Translate into English](#)

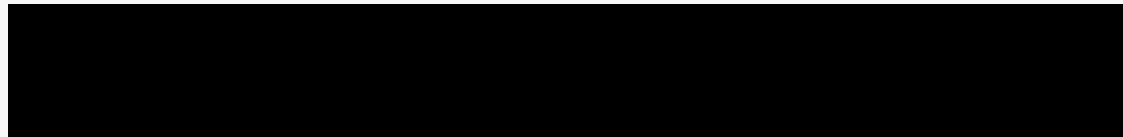
November 14, 2018

👍 0 Like ↩ Reply



_lumapps_mig Mig

...



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🔗 [Translate into English](#)

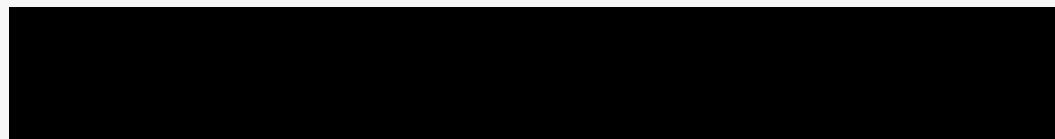
November 14, 2018

👍 0 Like ↩ Reply



Eli Boxx

...



▼ [Show more](#)

🔗 [Translate into English](#)

November 14, 2018

👍 0 Like ↩ Reply

▼ [Display 1 more reply](#)

E

Eli Boxx

...



▼ [Show more](#)

🌐 [Translate into English](#)

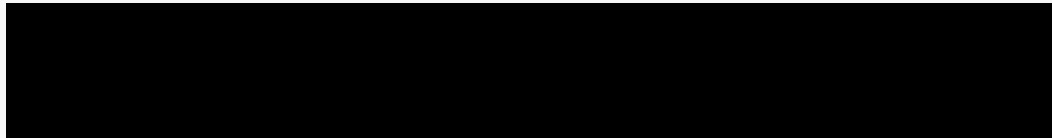
August 9, 2017

👍 0 Like ↩ Reply

M

_lumapps_mig Mig

...



▼ [Show more](#)

🌐 [Translate into English](#)

August 10, 2017

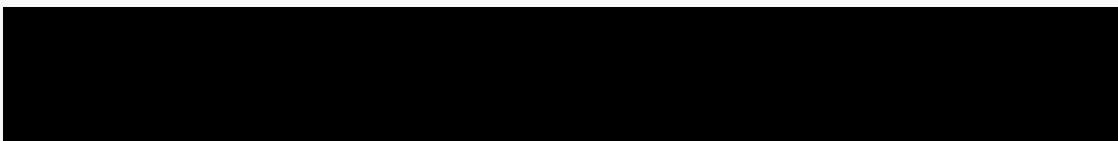
👍 0 Like ↩ Reply

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E

Eli Boxx

...



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🌐 [Translate into English](#)

June 26, 2017

👍 0 Like ↩ Reply

R

Ravi Ranjan

...

Thank you 👤 **Eli Boxx** for the feedback. We will get this added in the next release of Crawly (yet to schedule the release).

🌐 [Translate into English](#)

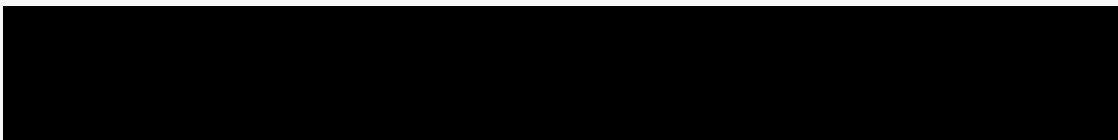
June 27, 2017

👍 0 Like ↩ Reply

M

_lumapps_mig Mig

...



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🌐 [Translate into English](#)

June 14, 2017

👍 0 Like ↩ Reply



Francisco Vargas

...

I'm so happy to read this kind of feedback! Keep the awesome work up APS!

👤 **Scott Lerner**, any way you are measuring the impact of APS tools in terms of productivity? I heard [Tejinder Singh](#) saying that you actually collect data of how much time is spent on each tool which is awesome to measure the ROI.

🗨️ [Translate into English](#)

June 14, 2017

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🗨️ [Translate into English](#)

April 3, 2017

👍 0 Like ↩ Reply



_lumapps_mig Mig

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🗨️ [Translate into English](#)

April 3, 2017

👍 0 Like ↩ Reply

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