

Hardening the Firefox browser

Preventing unwanted background traffic to Google, Pocket and hidden telemetry to Mozilla

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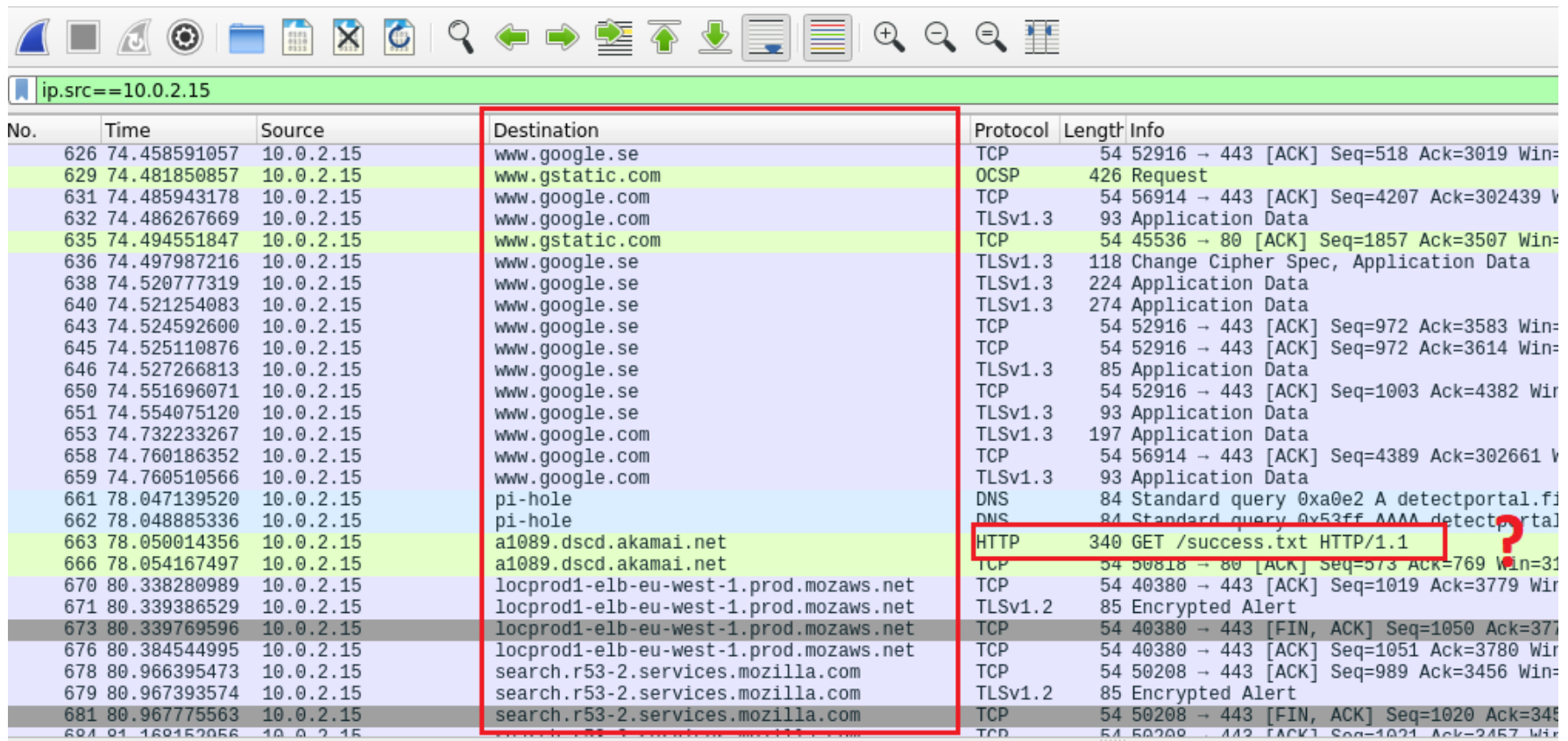
Hardening Firefox: Method

To harden Firefox we need to:

1. Adjust visible configurations in Options / Preferences
2. Do a fair amount of changes to parameters hidden in the **about:config** settings (behind the scene):
 - Disabling Pocket
 - Disabling WebRTC (notorious for leaking)
 - Disabling sending of crash dumps
 - Combat telemetry settings
 - Remove all references to Google

First, let's have a look what's going on the network interface when using a stock installation of Firefox...

Firefox - stock install (1)



ip.src==10.0.2.15

No.	Time	Source	Destination	Protocol	Length	Info
626	74.458591057	10.0.2.15	www.google.se	TCP	54	52916 → 443 [ACK] Seq=518 Ack=3019 Win=
629	74.481850857	10.0.2.15	www.gstatic.com	OCSP	426	Request
631	74.485943178	10.0.2.15	www.google.com	TCP	54	56914 → 443 [ACK] Seq=4207 Ack=302439 V
632	74.486267669	10.0.2.15	www.google.com	TLSv1.3	93	Application Data
635	74.494551847	10.0.2.15	www.gstatic.com	TCP	54	45536 → 80 [ACK] Seq=1857 Ack=3507 Win=
636	74.497987216	10.0.2.15	www.google.se	TLSv1.3	118	Change Cipher Spec, Application Data
638	74.520777319	10.0.2.15	www.google.se	TLSv1.3	224	Application Data
640	74.521254083	10.0.2.15	www.google.se	TLSv1.3	274	Application Data
643	74.524592600	10.0.2.15	www.google.se	TCP	54	52916 → 443 [ACK] Seq=972 Ack=3583 Win=
645	74.525110876	10.0.2.15	www.google.se	TCP	54	52916 → 443 [ACK] Seq=972 Ack=3614 Win=
646	74.527266813	10.0.2.15	www.google.se	TLSv1.3	85	Application Data
650	74.551696071	10.0.2.15	www.google.se	TCP	54	52916 → 443 [ACK] Seq=1003 Ack=4382 Wir
651	74.554075120	10.0.2.15	www.google.se	TLSv1.3	93	Application Data
653	74.732233267	10.0.2.15	www.google.com	TLSv1.3	197	Application Data
658	74.760186352	10.0.2.15	www.google.com	TCP	54	56914 → 443 [ACK] Seq=4389 Ack=302661 V
659	74.760510566	10.0.2.15	www.google.com	TLSv1.3	93	Application Data
661	78.047139520	10.0.2.15	pi-hole	DNS	84	Standard query 0xa0e2 A detectportal.fi
662	78.048885336	10.0.2.15	pi-hole	DNS	84	Standard query 0x53ff AAAA detectportal
663	78.050014356	10.0.2.15	a1089.dscd.akamai.net	HTTP	340	GET /success.txt HTTP/1.1
666	78.054167497	10.0.2.15	a1089.dscd.akamai.net	TCP	54	50818 → 80 [ACK] Seq=573 Ack=769 Win=31
670	80.338280989	10.0.2.15	locprod1-elb-eu-west-1.prod.mozaws.net	TCP	54	40380 → 443 [ACK] Seq=1019 Ack=3779 Wir
671	80.339386529	10.0.2.15	locprod1-elb-eu-west-1.prod.mozaws.net	TLSv1.2	85	Encrypted Alert
673	80.339769596	10.0.2.15	locprod1-elb-eu-west-1.prod.mozaws.net	TCP	54	40380 → 443 [FIN, ACK] Seq=1050 Ack=377
676	80.384544995	10.0.2.15	locprod1-elb-eu-west-1.prod.mozaws.net	TCP	54	40380 → 443 [ACK] Seq=1051 Ack=3780 Wir
678	80.966395473	10.0.2.15	search.r53-2.services.mozilla.com	TCP	54	50208 → 443 [ACK] Seq=989 Ack=3456 Win=
679	80.967393574	10.0.2.15	search.r53-2.services.mozilla.com	TLSv1.2	85	Encrypted Alert
681	80.967775563	10.0.2.15	search.r53-2.services.mozilla.com	TCP	54	50208 → 443 [FIN, ACK] Seq=1020 Ack=345
684	81.168152056	10.0.2.15	search.r53-2.services.mozilla.com	TCP	54	50208 → 443 [ACK] Seq=1021 Ack=3457 Wir

Firefox started...
Not touching the browser!

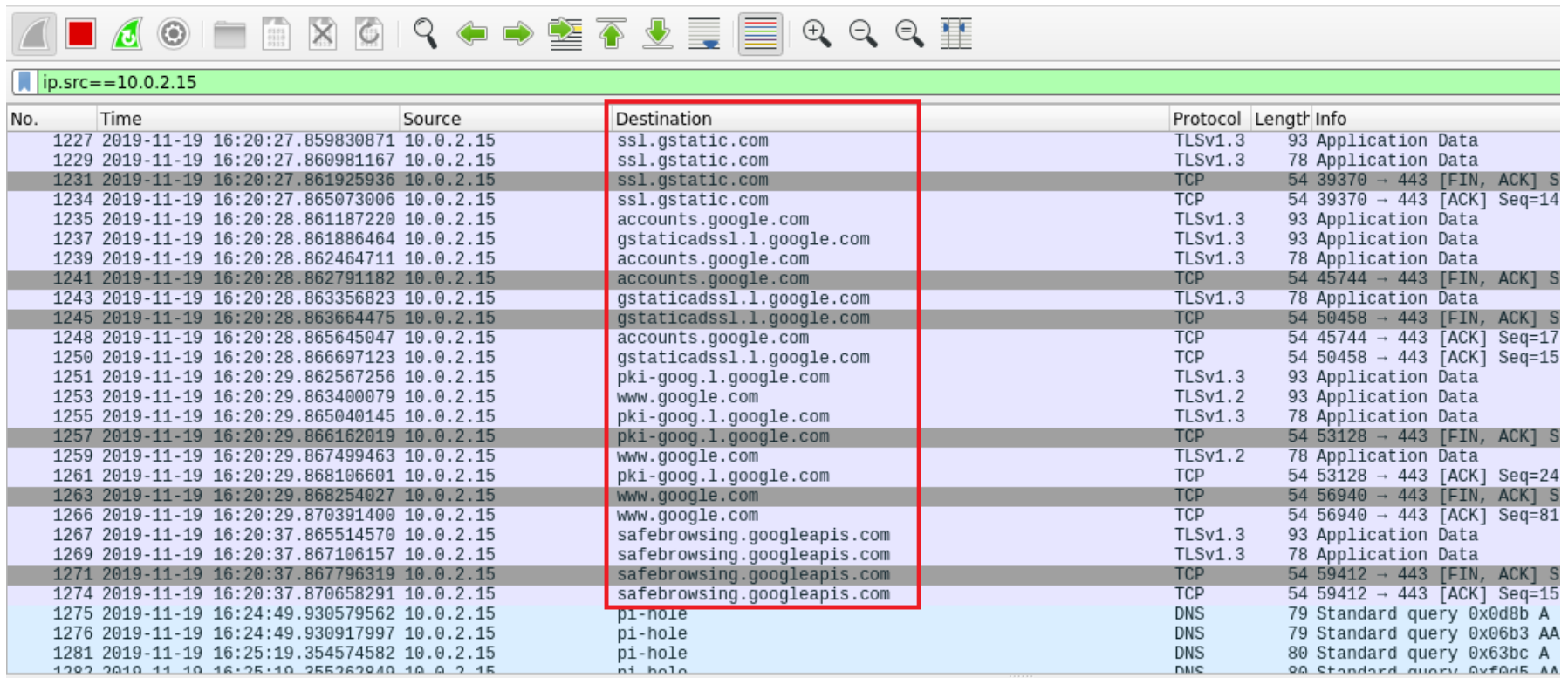
*Wireshark monitoring host's NIC
(outgoing traffic)*

Firefox - stock install (2)

No.	Time	Source	Destination	Protocol	Length	Info
366	2019-11-19 16:17:34.554539056	10.0.2.15	getpocket.com	TCP	54	34090 → 443 [ACK] Seq=1151 Ack=10114 Win=51120 Len=
367	2019-11-19 16:17:34.704932181	10.0.2.15	pi-hole	DNS	80	Standard query 0xbf51 A assets.getpocket.com
368	2019-11-19 16:17:34.705551832	10.0.2.15	pi-hole	DNS	80	Standard query 0xab78 AAAA assets.getpocket.com
371	2019-11-19 16:17:34.712340300	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	74	56262 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SA
372	2019-11-19 16:17:34.713223763	10.0.2.15	getpocket.com	TLSv1.2	1025	Application Data
375	2019-11-19 16:17:34.715502841	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1 Ack=1 Win=29200 Len=0
376	2019-11-19 16:17:34.719435771	10.0.2.15	pi-hole	DNS	75	Standard query 0xb3d0 A use.typekit.net
377	2019-11-19 16:17:34.719735542	10.0.2.15	pi-hole	DNS	75	Standard query 0xa2f5 AAAA use.typekit.net
378	2019-11-19 16:17:34.721537100	10.0.2.15	pi-hole	DNS	81	Standard query 0x41c8 A appleid.cdn-apple.com
379	2019-11-19 16:17:34.721811137	10.0.2.15	pi-hole	DNS	81	Standard query 0xfed2 AAAA appleid.cdn-apple.com
384	2019-11-19 16:17:34.735499834	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TLSv1.2	571	Client Hello
386	2019-11-19 16:17:34.737405576	10.0.2.15	getpocket.com	TLSv1.2	148	Application Data
389	2019-11-19 16:17:34.740172760	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=518 Ack=2841 Win=34080 Len=0
391	2019-11-19 16:17:34.740542217	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=518 Ack=5761 Win=39760 Len=0
392	2019-11-19 16:17:34.772899198	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TLSv1.2	180	Client Key Exchange, Change Cipher Spec, Encrypted I
395	2019-11-19 16:17:34.777356081	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TLSv1.2	474	Application Data
397	2019-11-19 16:17:34.777971797	10.0.2.15	e6653.f.akamaiedge.net	TCP	74	60442 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SA
398	2019-11-19 16:17:34.778341670	10.0.2.15	e2885.e9.akamaiedge.net	TCP	74	33074 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SA
399	2019-11-19 16:17:34.778682927	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	74	56268 → 443 [SYN] Seq=0 Win=29200 Len=0 MSS=1460 SA
402	2019-11-19 16:17:34.780716060	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1064 Ack=10735 Win=53960 Len=
405	2019-11-19 16:17:34.781148538	10.0.2.15	e6653.f.akamaiedge.net	TCP	54	60442 → 443 [ACK] Seq=1 Ack=1 Win=29200 Len=0
407	2019-11-19 16:17:34.781197694	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1064 Ack=19255 Win=65320 Len=
409	2019-11-19 16:17:34.781800100	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1064 Ack=22948 Win=65320 Len=
411	2019-11-19 16:17:34.781835465	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1064 Ack=28548 Win=65320 Len=
413	2019-11-19 16:17:34.781869489	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56268 → 443 [ACK] Seq=1 Ack=1 Win=29200 Len=0
416	2019-11-19 16:17:34.782510070	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TCP	54	56262 → 443 [ACK] Seq=1064 Ack=39361 Win=65320 Len=
418	2019-11-19 16:17:34.782544490	10.0.2.15	e2885.e9.akamaiedge.net	TCP	54	33074 → 443 [ACK] Seq=1 Ack=1 Win=29200 Len=0
420	2019-11-19 16:17:34.789074046	10.0.2.15	d2f1zce7baxuhy.cloudfront.net	TLSv1.2	459	Application Data

Not touching the browser!
Massive amounts of requests being done...

Firefox - stock install (3)

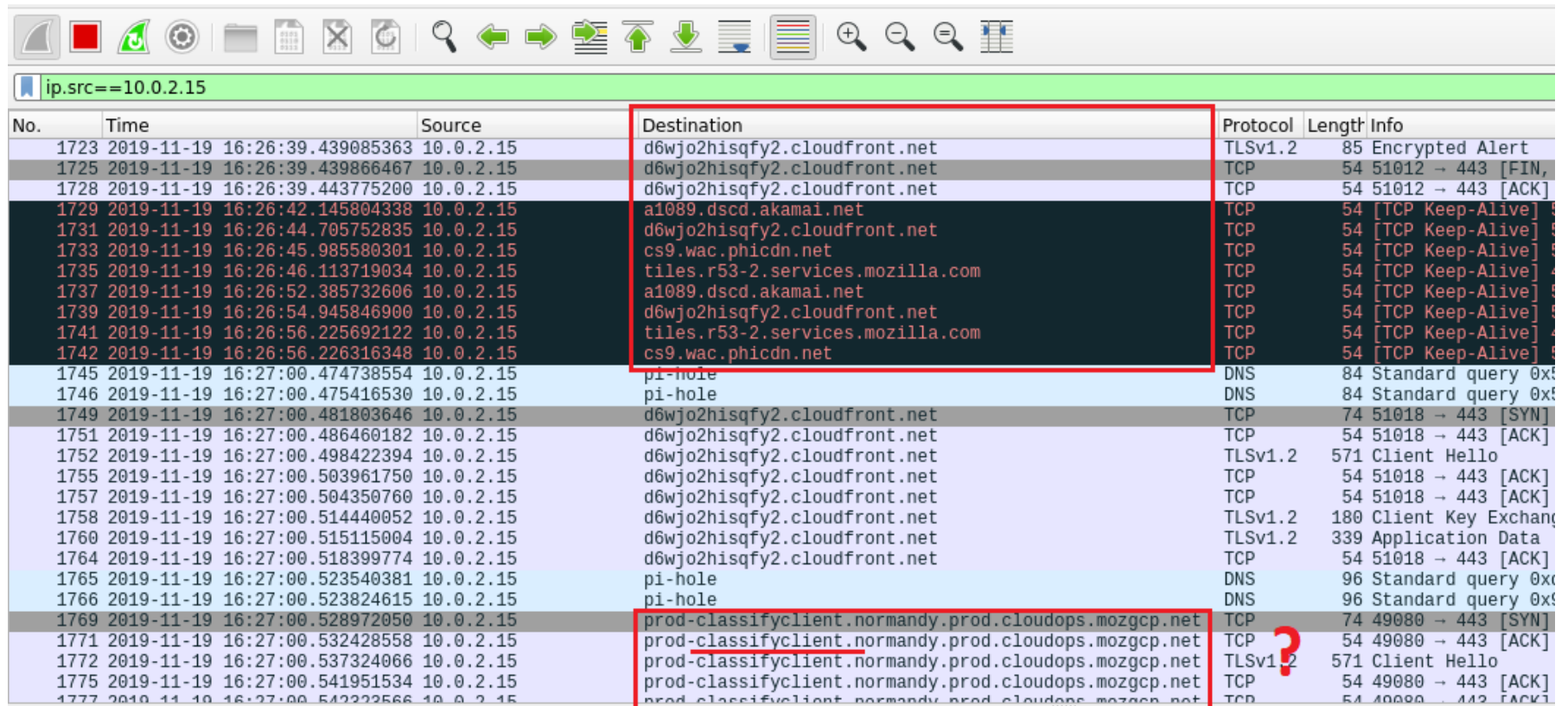


The screenshot shows a network traffic analysis tool interface. The top bar contains various icons for navigation and search. Below the bar, a green header bar displays the filter 'ip.src==10.0.2.15'. The main area is a table with columns: No., Time, Source, Destination, Protocol, Length, and Info. The Destination column is highlighted with a red box. The table lists numerous connections to various Google domains, including ssl.gstatic.com, accounts.google.com, gstaticadssl.l.google.com, pki-goog.l.google.com, and www.google.com, along with safebrowsing.googleapis.com. The connections are primarily over TLSv1.3 and TCP, with some DNS queries at the end.

No.	Time	Source	Destination	Protocol	Length	Info
1227	2019-11-19 16:20:27.859830871	10.0.2.15	ssl.gstatic.com	TLSv1.3	93	Application Data
1229	2019-11-19 16:20:27.860981167	10.0.2.15	ssl.gstatic.com	TLSv1.3	78	Application Data
1231	2019-11-19 16:20:27.861925936	10.0.2.15	ssl.gstatic.com	TCP	54	39370 → 443 [FIN, ACK] S
1234	2019-11-19 16:20:27.865073006	10.0.2.15	ssl.gstatic.com	TCP	54	39370 → 443 [ACK] Seq=14
1235	2019-11-19 16:20:28.861187220	10.0.2.15	accounts.google.com	TLSv1.3	93	Application Data
1237	2019-11-19 16:20:28.861886464	10.0.2.15	gstaticadssl.l.google.com	TLSv1.3	93	Application Data
1239	2019-11-19 16:20:28.862464711	10.0.2.15	accounts.google.com	TLSv1.3	78	Application Data
1241	2019-11-19 16:20:28.862791182	10.0.2.15	accounts.google.com	TCP	54	45744 → 443 [FIN, ACK] S
1243	2019-11-19 16:20:28.863356823	10.0.2.15	gstaticadssl.l.google.com	TLSv1.3	78	Application Data
1245	2019-11-19 16:20:28.863664475	10.0.2.15	gstaticadssl.l.google.com	TCP	54	50458 → 443 [FIN, ACK] S
1248	2019-11-19 16:20:28.865645047	10.0.2.15	accounts.google.com	TCP	54	45744 → 443 [ACK] Seq=17
1250	2019-11-19 16:20:28.866697123	10.0.2.15	gstaticadssl.l.google.com	TCP	54	50458 → 443 [ACK] Seq=15
1251	2019-11-19 16:20:29.862567256	10.0.2.15	pki-goog.l.google.com	TLSv1.3	93	Application Data
1253	2019-11-19 16:20:29.863400079	10.0.2.15	www.google.com	TLSv1.2	93	Application Data
1255	2019-11-19 16:20:29.865040145	10.0.2.15	pki-goog.l.google.com	TLSv1.3	78	Application Data
1257	2019-11-19 16:20:29.866162019	10.0.2.15	pki-goog.l.google.com	TCP	54	53128 → 443 [FIN, ACK] S
1259	2019-11-19 16:20:29.867499463	10.0.2.15	www.google.com	TLSv1.2	78	Application Data
1261	2019-11-19 16:20:29.868106601	10.0.2.15	pki-goog.l.google.com	TCP	54	53128 → 443 [ACK] Seq=24
1263	2019-11-19 16:20:29.868254027	10.0.2.15	www.google.com	TCP	54	56940 → 443 [FIN, ACK] S
1266	2019-11-19 16:20:29.870391400	10.0.2.15	www.google.com	TCP	54	56940 → 443 [ACK] Seq=81
1267	2019-11-19 16:20:37.865514570	10.0.2.15	safebrowsing.googleapis.com	TLSv1.3	93	Application Data
1269	2019-11-19 16:20:37.867106157	10.0.2.15	safebrowsing.googleapis.com	TLSv1.3	78	Application Data
1271	2019-11-19 16:20:37.867796319	10.0.2.15	safebrowsing.googleapis.com	TCP	54	59412 → 443 [FIN, ACK] S
1274	2019-11-19 16:20:37.870658291	10.0.2.15	safebrowsing.googleapis.com	TCP	54	59412 → 443 [ACK] Seq=15
1275	2019-11-19 16:24:49.930579562	10.0.2.15	pi-hole	DNS	79	Standard query 0x0d8b A
1276	2019-11-19 16:24:49.930917997	10.0.2.15	pi-hole	DNS	79	Standard query 0x06b3 AA
1281	2019-11-19 16:25:19.354574582	10.0.2.15	pi-hole	DNS	80	Standard query 0x63bc A
1282	2019-11-19 16:25:19.355262840	10.0.2.15	pi-hole	DNS	80	Standard query 0xf0d5 AA

Not touching the browser!
Say hello to Google...

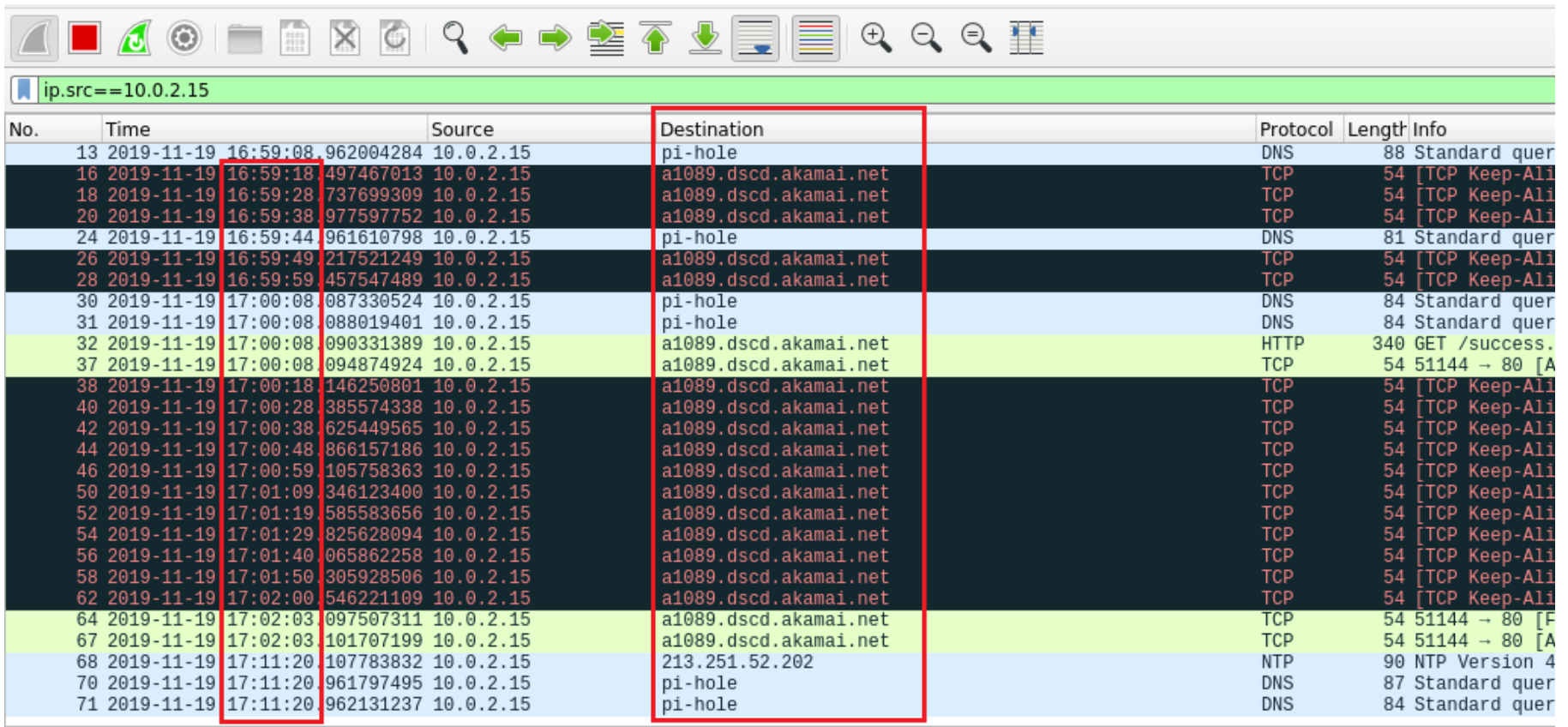
Firefox - stock install (4)



No.	Time	Source	Destination	Protocol	Length	Info
1723	2019-11-19 16:26:39.439085363	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TLSv1.2	85	Encrypted Alert
1725	2019-11-19 16:26:39.439866467	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51012 → 443 [FIN]
1728	2019-11-19 16:26:39.443775200	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51012 → 443 [ACK]
1729	2019-11-19 16:26:42.145804338	10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Alive]
1731	2019-11-19 16:26:44.705752835	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	[TCP Keep-Alive]
1733	2019-11-19 16:26:45.985580301	10.0.2.15	cs9.wac.phicdn.net	TCP	54	[TCP Keep-Alive]
1735	2019-11-19 16:26:46.113719034	10.0.2.15	tiles.r53-2.services.mozilla.com	TCP	54	[TCP Keep-Alive]
1737	2019-11-19 16:26:52.385732606	10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Alive]
1739	2019-11-19 16:26:54.945846900	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	[TCP Keep-Alive]
1741	2019-11-19 16:26:56.225692122	10.0.2.15	tiles.r53-2.services.mozilla.com	TCP	54	[TCP Keep-Alive]
1742	2019-11-19 16:26:56.226316348	10.0.2.15	cs9.wac.phicdn.net	TCP	54	[TCP Keep-Alive]
1745	2019-11-19 16:27:00.474738554	10.0.2.15	pi-hole	DNS	84	Standard query 0x...
1746	2019-11-19 16:27:00.475416530	10.0.2.15	pi-hole	DNS	84	Standard query 0x...
1749	2019-11-19 16:27:00.481803646	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	74	51018 → 443 [SYN]
1751	2019-11-19 16:27:00.486460182	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51018 → 443 [ACK]
1752	2019-11-19 16:27:00.498422394	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TLSv1.2	571	Client Hello
1755	2019-11-19 16:27:00.503961750	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51018 → 443 [ACK]
1757	2019-11-19 16:27:00.504350760	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51018 → 443 [ACK]
1758	2019-11-19 16:27:00.514440052	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TLSv1.2	180	Client Key Exchang...
1760	2019-11-19 16:27:00.515115004	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TLSv1.2	339	Application Data
1764	2019-11-19 16:27:00.518399774	10.0.2.15	d6wjo2hisqfy2.cloudfront.net	TCP	54	51018 → 443 [ACK]
1765	2019-11-19 16:27:00.523540381	10.0.2.15	pi-hole	DNS	96	Standard query 0x...
1766	2019-11-19 16:27:00.523824615	10.0.2.15	pi-hole	DNS	96	Standard query 0x...
1769	2019-11-19 16:27:00.528972050	10.0.2.15	prod-classifyclient.normandy.prod.cloudops.mozgcp.net	TCP	74	49080 → 443 [SYN]
1771	2019-11-19 16:27:00.532428558	10.0.2.15	prod-classifyclient.normandy.prod.cloudops.mozgcp.net	TCP	54	49080 → 443 [ACK]
1772	2019-11-19 16:27:00.537324066	10.0.2.15	prod-classifyclient.normandy.prod.cloudops.mozgcp.net	TLSv1.2	571	Client Hello
1775	2019-11-19 16:27:00.541951534	10.0.2.15	prod-classifyclient.normandy.prod.cloudops.mozgcp.net	TCP	54	49080 → 443 [ACK]
1777	2019-11-19 16:27:00.542225566	10.0.2.15	prod-classifyclient.normandy.prod.cloudops.mozgcp.net	TCP	54	49080 → 443 [ACK]

Still not touching the browser!
Probable telemetry sent to Mozilla

Firefox – Hardened!



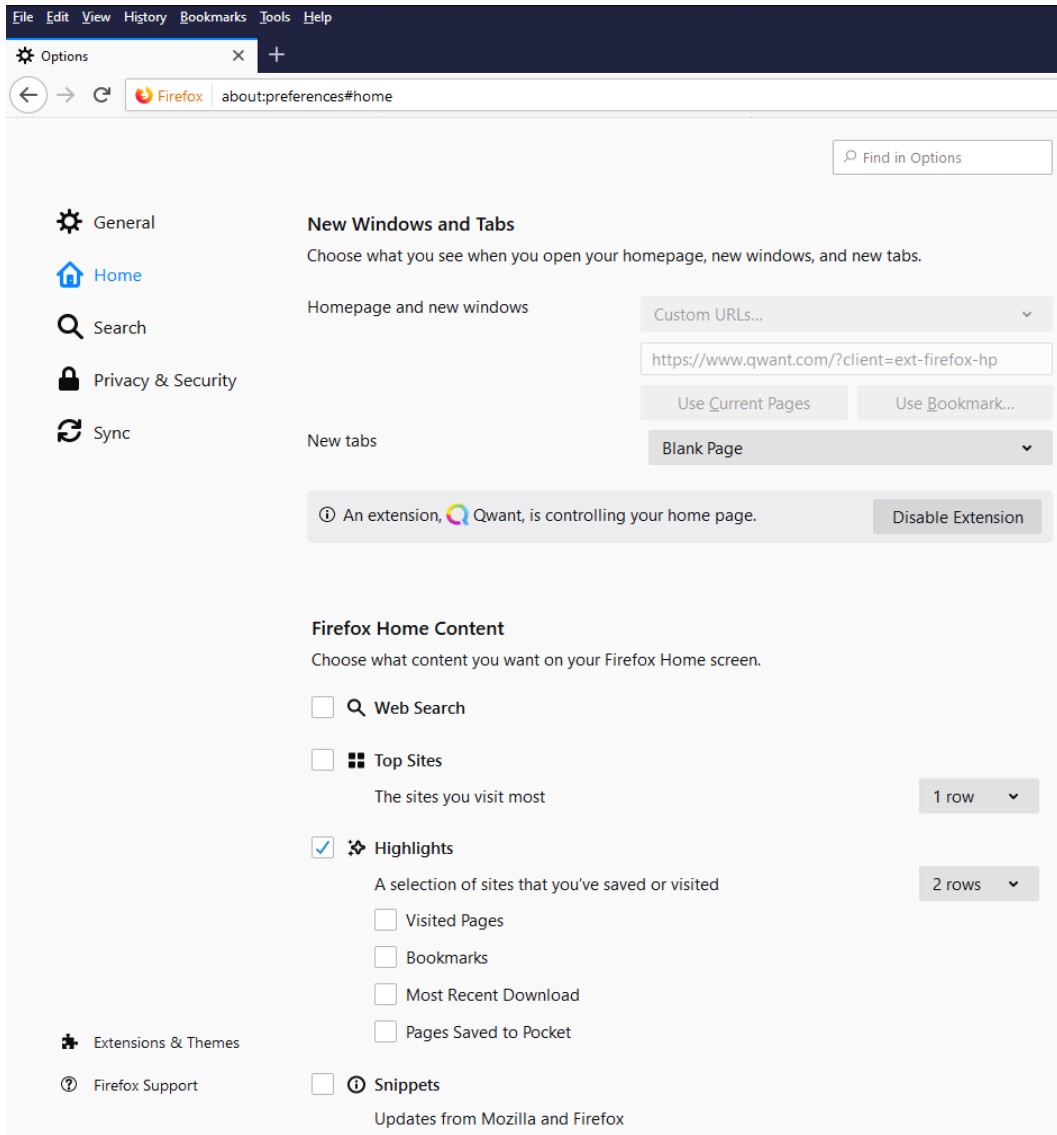
No.	Time	Source	Destination	Protocol	Length	Info
13	2019-11-19 16:59:08	962004284 10.0.2.15	pi-hole	DNS	88	Standard quer
16	2019-11-19 16:59:18	497467013 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
18	2019-11-19 16:59:28	737699309 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
20	2019-11-19 16:59:38	977597752 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
24	2019-11-19 16:59:44	961610798 10.0.2.15	pi-hole	DNS	81	Standard quer
26	2019-11-19 16:59:49	217521249 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
28	2019-11-19 16:59:59	457547489 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
30	2019-11-19 17:00:08	087330524 10.0.2.15	pi-hole	DNS	84	Standard quer
31	2019-11-19 17:00:08	088019401 10.0.2.15	pi-hole	DNS	84	Standard quer
32	2019-11-19 17:00:08	090331389 10.0.2.15	a1089.dscd.akamai.net	HTTP	340	GET /success.
37	2019-11-19 17:00:08	094874924 10.0.2.15	a1089.dscd.akamai.net	TCP	54	51144 → 80 [A
38	2019-11-19 17:00:18	146250801 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
40	2019-11-19 17:00:28	385574338 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
42	2019-11-19 17:00:38	625449565 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
44	2019-11-19 17:00:48	866157186 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
46	2019-11-19 17:00:59	105758363 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
50	2019-11-19 17:01:09	346123400 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
52	2019-11-19 17:01:19	585583656 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
54	2019-11-19 17:01:29	825628094 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
56	2019-11-19 17:01:40	065862258 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
58	2019-11-19 17:01:50	305928506 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
62	2019-11-19 17:02:00	546221109 10.0.2.15	a1089.dscd.akamai.net	TCP	54	[TCP Keep-Ali
64	2019-11-19 17:02:03	097507311 10.0.2.15	a1089.dscd.akamai.net	TCP	54	51144 → 80 [F
67	2019-11-19 17:02:03	101707199 10.0.2.15	a1089.dscd.akamai.net	TCP	54	51144 → 80 [A
68	2019-11-19 17:11:20	107783832 10.0.2.15	213.251.52.202	NTP	90	NTP Version 4
70	2019-11-19 17:11:20	961797495 10.0.2.15	pi-hole	DNS	87	Standard quer
71	2019-11-19 17:11:20	962131237 10.0.2.15	pi-hole	DNS	84	Standard quer

Just started

A short initial burst of (unknown) connections to one single Akamai server

Then, silence...

Hardening Firefox: Step 1



Visible settings

Step 0:
**Backup your
bookmarks!!!**

(Follow me)

Hardening Firefox: Step 3

Preference Name	Status	Type	Value
media.peerconnection.default_iceservers	default	string	[]
media.peerconnection.dtmf.enabled	default	boolean	true
media.peerconnection.enabled	default	boolean	true
media.peerconnection.ice.default_address_only	default	boolean	false
media.peerconnection.ice.force_interface	default	string	
media.peerconnection.ice.link_local	default	boolean	false
media.peerconnection.ice.loopback	default	boolean	false
media.peerconnection.ice.no_host	default	boolean	false
media.peerconnection.ice.obfuscate_host_addresses	default	boolean	false
media.peerconnection.ice.proxy_only	default	boolean	false
media.peerconnection.ice.proxy_only_if_behind_proxy	default	boolean	false
media.peerconnection.ice.relay_only	default	boolean	false
media.peerconnection.ice.stun_client_maximum_transmits	default	integer	7
media.peerconnection.ice.tcp	default	boolean	true
media.peerconnection.ice.tcp_so_sock_count	default	integer	0
media.peerconnection.ice.trickle_grace_period	default	integer	5000

about:config: **WebRTC**

(Follow me)

Hardening Firefox: Step 4

Search:

Preference Name	Status	Type	Value
breakpad.reportURL	default	string	https://crash-stats.mozilla.org/report/index/
browser.crashReports.unsubmittedCheck.autoSubmit2	default	boolean	false
browser.crashReports.unsubmittedCheck.chancesUntilSuppress	default	integer	4
browser.crashReports.unsubmittedCheck.enabled	default	boolean	false
browser.sessionstore.max_resumed_crashes	default	integer	1
browser.sessionstore.resume_from_crash	default	boolean	true
browser.tabs.crashReporting.email	default	string	
browser.tabs.crashReporting.emailMe	default	boolean	false
browser.tabs.crashReporting.includeURL	default	boolean	false
browser.tabs.crashReporting.requestEmail	default	boolean	false
browser.tabs.crashReporting.sendReport	default	boolean	true
dom.ipc.plugins.flash.subprocess.crashreporter.enabled	default	boolean	true
dom.ipc.plugins.reportCrashURL	default	boolean	true
dom.ipc.tabs.createKillHardCrashReports	default	boolean	false
gfx.crash-guard.status.wmfvpvideo	modified	integer	2
gfx.crash-guard.wmfvpvideo.appVersion	modified	string	70.0.1
gfx.crash-guard.wmfvpvideo.deviceID	modified	string	0x0162
gfx.crash-guard.wmfvpvideo.driverVersion	modified	string	10.18.10.4358

about:config: **Crash dumps**

(Follow me)

Hardening Firefox: Step 5

Search:

Preference Name	Status	Type	Value
app.update.lastUpdateTime.telemetry_modules_ping	modified	integer	1574238962
browser.newtabpage.activity-stream.feeds.telemetry	default	boolean	true
browser.newtabpage.activity-stream.telemetry	default	boolean	true
browser.newtabpage.activity-stream.telemetry.ping.endpoint	default	string	https://tiles.services.mozilla.co
browser.newtabpage.activity-stream.telemetry.structuredIngestion	default	boolean	true
browser.newtabpage.activity-stream.telemetry.structuredIngestion.endpoint	default	string	https://incoming.telemetry.mc
browser.newtabpage.activity-stream.telemetry.ut.events	default	boolean	false
browser.ping-centre.telemetry	default	boolean	true
browser.urlbar.eventTelemetry.enabled	default	boolean	false
media.wmf.deblacklisting-for-telemetry-in-gpu-process	default	boolean	true
permissions.eventTelemetry.enabled	default	boolean	false
privacy.trackingprotection.origin_telemetry.enabled	default	boolean	false
security.certerror.recordEventTelemetry	default	boolean	true
security.identitypopup.recordEventTelemetry	default	boolean	true
security.protectionspopup.recordEventTelemetry	default	boolean	true
security.ssl.errorReporting.url	default	string	https://incoming.telemetry.mc
services.sync.telemetry.maxPayloadCount	default	integer	500
services.sync.telemetry.submissionInterval	default	integer	43200

about:config: **Telemetry**

(Follow me)

Hardening Firefox: Step 6

Search:

Preference Name	Status	Type	Value
browser.newtabpage.activity-stream.improvesearch.topSiteSearchShortcuts.searchEngines	default	string	google
browser.safebrowsing.downloads.remote.url	default	string	https://sb-ssl.google.com/safebrowsing/clientreport/
browser.safebrowsing.provider.google.advisoryName	default	string	Google Safe Browsing
browser.safebrowsing.provider.google.advisoryURL	default	string	https://developers.google.com/safe-browsing/v4/adv
browser.safebrowsing.provider.google.gethashURL	default	string	https://safebrowsing.google.com/safebrowsing/getha
browser.safebrowsing.provider.google.lists	default	string	goog-badbinurl-shavar,goog-downloadwhite-digest2
browser.safebrowsing.provider.google.pver	default	string	2.2
browser.safebrowsing.provider.google.reportMalwareMistakeURL	default	string	https://%LOCALE%.malware-error.mozilla.com/?hl=%
browser.safebrowsing.provider.google.reportPhishMistakeURL	default	string	https://%LOCALE%.phish-error.mozilla.com/?hl=%LC
browser.safebrowsing.provider.google.reportURL	default	string	https://safebrowsing.google.com/safebrowsing/diagr
browser.safebrowsing.provider.google.updateURL	default	string	https://safebrowsing.google.com/safebrowsing/dowr
browser.safebrowsing.provider.google4.advisoryName	default	string	Google Safe Browsing
browser.safebrowsing.provider.google4.advisoryURL	default	string	https://developers.google.com/safe-browsing/v4/adv
browser.safebrowsing.provider.google4.dataSharing.enabled	default	boolean	false
browser.safebrowsing.provider.google4.dataSharingURL	default	string	https://safebrowsing.googleapis.com/v4/threatHits?\$
browser.safebrowsing.provider.google4.gethashURL	default	string	https://safebrowsing.googleapis.com/v4/fullHashes:fi
browser.safebrowsing.provider.google4.lastupdatetime	modified	string	1574238036685
browser.safebrowsing.provider.google4.lists	default	string	goog-badbinurl-proto,goog-downloadwhite-proto,gc
browser.safebrowsing.provider.google4.nextupdatetime	modified	string	1574239830685

about:config: Google...

(Done!)

Finito!

