

Wikimedia Foundation v. NSA
No. 15-cv-0062-TSE (D. Md.)

Plaintiff's Exhibit 14

TECHNICAL STATISTICS FOR 2017 TO 2018 RESPONSIVE TO ODNI INTERROGATORY NO. 19						
Protocol	Volume	Date Range	Foreign Countries, Regions, Territories	IP Addresses	Encryption Status	Additional Notes
<i>ODNI Interrogatory 19(a)</i>	<i>ODNI Interrogatory 19(b)</i>		<i>ODNI Interrogatory 19(c)</i>	<i>ODNI Interrogatory 19(e)</i>	<i>ODNI Interrogatory 19(d)</i>	<i>ODNI Interrogatory 19(d)</i>
Category 1 Wikimedia communications with its community members, who read and contribute to Wikimedia's Projects and webpages, and who use the Projects and webpages to interact with each other						
<i>Total HTTP & HTTPS requests: foreign users to WMF US servers</i>	381,655,849,279	Aug. 1, 2017, to Jan. 31, 2018 (six months)	List of countries for HTTPS (Exhibit A)	198.35.26.0/23, 208.80.152.0/22, 2620:0:860::/48, 2620:0:861::/48, 2620:0:863::/48	HTTPS: 373,045,851,598	For clarity, these HTTPS and HTTP requests use the same IP addresses.
			List of countries for HTTP (Exhibit B)		HTTP: 8,609,997,681	
<i>Total HTTP & HTTPS requests: US users to WMF foreign servers</i>	2,812,819,460	Aug. 1, 2017, to Jan. 31, 2018 (six months)	Netherlands	91.198.174.0/24, 2620:0:862::/48	HTTPS: 2,479,014,613	For clarity, these HTTPS and HTTP requests use the same IP addresses.
					HTTP: 333,804,847	
<i>SMTP communications: foreign users to WMF US servers</i>	Unknown		Unknown	208.80.152.0/22, 2620:0:860::/48, 2620:0:861::/48	Unknown	
Category 2 Wikimedia's internal log communications						
<i>Apache Kafka log communications transmitted from WMF foreign servers to WMF US servers</i>	736,045,377,450	Aug. 1, 2017, to Jan. 31, 2018 (six months)	Netherlands	10.0.0.0/8, 2620:0:860::/48	736,045,377,450 log communications encrypted using IPSec	
Category 3 Communications by Wikimedia staff						
<i>Logged international TCP connections using WMF Office Network or WMF VPN</i>	4,948,011	Mar. 1, 2017 to Feb. 28, 2018 (one year)	List of countries for non-VPN (Exhibit C); List of countries for VPN (Exhibit D)	The WMF Office Network IP range is 198.73.209.0/24, with the WMF VPN operating on IP address 198.73.209.25	All 791 connections encrypted using OpenVPN (SSL/TLS protocol)	Other than the VPN connections, Wikimedia itself does not systematically encrypt connections to and from the office network router and it would not be practical for it to do so. However, individuals who use the office network router may establish encrypted connections based on the particular communications services they use at any given time. Because Wikimedia's office network router does not log application-layer protocol information, Wikimedia does not know with certainty the extent to which the data transmitted over these non-VPN connections is encrypted. The logs do contain, however, the source and destination ports of connections, which in certain cases may shed light on the encryption status of connections, such as those that use port 443 or port 22.

<p><i>Logged international UDP connections using WMF Office Network or WMF VPN</i></p>	<p>2,207,771</p>	<p>Mar. 1, 2017 to Feb. 28, 2018 (one year)</p>	<p>List of countries for non-VPN (Exhibit E); List of countries for VPN (Exhibit F)</p>	<p>The WMF Office Network IP range is 198.73.209 0/24, with the WMF VPN operating on IP address 198.73.209 25</p>	<p>All 19,709 connections encrypted using OpenVPN (SSL/TLS protocol)</p>	<p>Same response.</p>
<p><i>Logged international ICMP connections using WMF Office Network or WMF VPN</i></p>	<p>51,301</p>	<p>Mar. 1, 2017 to Feb. 28, 2018 (one year)</p>	<p>List of countries for non-VPN (Exhibit G)</p>	<p>The WMF Office Network IP range is 198.73.209 0/24, with the WMF VPN operating on IP address 198.73.209 25</p>	<p>0 connections encrypted using VPN</p>	<p>Same response.</p>

EXHIBIT A

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

List of Countries with HTTPS Requests to Wikimedia Servers in United States from August 1, 2017 to January 31, 2018

1.	Afghanistan
2.	Åland
3.	Albania
4.	Algeria
5.	Andorra
6.	Angola
7.	Anguilla
8.	Antigua and Barbuda
9.	Argentina
10.	Armenia
11.	Aruba
12.	Australia
13.	Austria
14.	Azerbaijan
15.	Bahamas
16.	Bahrain
17.	Bangladesh
18.	Barbados
19.	Belarus
20.	Belgium
21.	Belize
22.	Benin
23.	Bermuda
24.	Bhutan
25.	Bolivia
26.	Bonaire, Sint Eustatius, and Saba
27.	Bosnia and Herzegovina
28.	Botswana
29.	Brazil
30.	British Indian Ocean Territory
31.	British Virgin Islands
32.	Brunei
33.	Bulgaria
34.	Burkina Faso
35.	Burundi
36.	Cabo Verde
37.	Cambodia
38.	Cameroon
39.	Canada
40.	Cayman Islands

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41.	Central African Republic
42.	Chad
43.	Chile
44.	China
45.	Christmas Island
46.	Cocos [Keeling] Islands
47.	Colombia
48.	Comoros
49.	Congo
50.	Cook Islands
51.	Costa Rica
52.	Croatia
53.	Cuba
54.	Curaçao
55.	Cyprus
56.	Czechia
57.	Denmark
58.	Djibouti
59.	Dominica
60.	Dominican Republic
61.	East Timor
62.	Ecuador
63.	Egypt
64.	El Salvador
65.	Equatorial Guinea
66.	Eritrea
67.	Estonia
68.	Ethiopia
69.	Falkland Islands
70.	Faroe Islands
71.	Federated States of Micronesia
72.	Fiji
73.	Finland
74.	France
75.	French Guiana
76.	French Polynesia
77.	French Southern Territories
78.	Gabon
79.	Gambia
80.	Georgia
81.	Germany
82.	Ghana
83.	Gibraltar

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84.	Greece
85.	Greenland
86.	Grenada
87.	Guadeloupe
88.	Guatemala
89.	Guernsey
90.	Guinea
91.	Guinea-Bissau
92.	Guyana
93.	Haiti
94.	Hashemite Kingdom of Jordan
95.	Honduras
96.	Hong Kong
97.	Hungary
98.	Iceland
99.	India
100.	Indonesia
101.	Iran
102.	Iraq
103.	Ireland
104.	Isle of Man
105.	Israel
106.	Italy
107.	Ivory Coast
108.	Jamaica
109.	Japan
110.	Jersey
111.	Kazakhstan
112.	Kenya
113.	Kiribati
114.	Kosovo
115.	Kuwait
116.	Kyrgyzstan
117.	Laos
118.	Latvia
119.	Lebanon
120.	Lesotho
121.	Liberia
122.	Libya
123.	Liechtenstein
124.	Luxembourg
125.	Macao
126.	Macedonia

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127.	Madagascar
128.	Malawi
129.	Malaysia
130.	Maldives
131.	Mali
132.	Malta
133.	Marshall Islands
134.	Martinique
135.	Mauritania
136.	Mauritius
137.	Mayotte
138.	Mexico
139.	Monaco
140.	Mongolia
141.	Montenegro
142.	Montserrat
143.	Morocco
144.	Mozambique
145.	Myanmar [Burma]
146.	Namibia
147.	Nauru
148.	Nepal
149.	Netherlands
150.	New Caledonia
151.	New Zealand
152.	Nicaragua
153.	Niger
154.	Nigeria
155.	Niue
156.	Norfolk Island
157.	North Korea
158.	Norway
159.	Oman
160.	Pakistan
161.	Palau
162.	Palestine
163.	Panama
164.	Papua New Guinea
165.	Paraguay
166.	Peru
167.	Philippines
168.	Pitcairn Islands
169.	Poland

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170.	Portugal
171.	Qatar
172.	Republic of Korea
173.	Republic of Lithuania
174.	Republic of Moldova
175.	Republic of the Congo
176.	Romania
177.	Russia
178.	Rwanda
179.	Réunion
180.	Saint Helena
181.	Saint Kitts and Nevis
182.	Saint Lucia
183.	Saint Martin
184.	Saint Pierre and Miquelon
185.	Saint Vincent and the Grenadines
186.	Saint Barthélemy
187.	Samoa
188.	San Marino
189.	Saudi Arabia
190.	Senegal
191.	Serbia
192.	Seychelles
193.	Sierra Leone
194.	Singapore
195.	Sint Maarten
196.	Slovak Republic
197.	Slovakia
198.	Slovenia
199.	Solomon Islands
200.	Somalia
201.	South Africa
202.	South Georgia and the South Sandwich Islands
203.	South Sudan
204.	Spain
205.	Sri Lanka
206.	St Kitts and Nevis
207.	Sudan
208.	Suriname
209.	Svalbard and Jan Mayen
210.	Swaziland
211.	Sweden

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

212.	Switzerland
213.	Syria
214.	São Tomé and Príncipe
215.	Taiwan
216.	Tajikistan
217.	Tanzania
218.	Thailand
219.	Togo
220.	Tokelau
221.	Tonga
222.	Trinidad and Tobago
223.	Tunisia
224.	Turkey
225.	Turkmenistan
226.	Turks and Caicos Islands
227.	Tuvalu
228.	Uganda
229.	Ukraine
230.	United Arab Emirates
231.	United Kingdom
232.	Uruguay
233.	Uzbekistan
234.	Vanuatu
235.	Vatican City
236.	Venezuela
237.	Vietnam
238.	Wallis and Futuna
239.	Western Sahara
240.	Yemen
241.	Zambia
242.	Zimbabwe

EXHIBIT B

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
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**List of Countries with HTTP Requests to Wikimedia
Servers in United States from August 1, 2017 to January 31, 2018**

1.	Afghanistan
2.	Åland
3.	Albania
4.	Algeria
5.	Andorra
6.	Angola
7.	Anguilla
8.	Antigua and Barbuda
9.	Argentina
10.	Armenia
11.	Aruba
12.	Australia
13.	Austria
14.	Azerbaijan
15.	Bahamas
16.	Bahrain
17.	Bangladesh
18.	Barbados
19.	Belarus
20.	Belgium
21.	Belize
22.	Benin
23.	Bermuda
24.	Bhutan
25.	Bolivia
26.	Bonaire, Sint Eustatius, and Saba
27.	Bosnia and Herzegovina
28.	Botswana
29.	Brazil
30.	British Indian Ocean Territory
31.	British Virgin Islands
32.	Brunei
33.	Bulgaria
34.	Burkina Faso
35.	Burundi
36.	Cabo Verde
37.	Cambodia
38.	Cameroon
39.	Canada
40.	Cayman Islands

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

41.	Central African Republic
42.	Chad
43.	Chile
44.	China
45.	Christmas Island
46.	Cocos [Keeling] Islands
47.	Colombia
48.	Comoros
49.	Congo
50.	Cook Islands
51.	Costa Rica
52.	Croatia
53.	Cuba
54.	Curaçao
55.	Cyprus
56.	Czechia
57.	Denmark
58.	Djibouti
59.	Dominica
60.	Dominican Republic
61.	East Timor
62.	Ecuador
63.	Egypt
64.	El Salvador
65.	Equatorial Guinea
66.	Eritrea
67.	Estonia
68.	Ethiopia
69.	Falkland Islands
70.	Faroe Islands
71.	Federated States of Micronesia
72.	Fiji
73.	Finland
74.	France
75.	French Guiana
76.	French Polynesia
77.	French Southern Territories
78.	Gabon
79.	Gambia
80.	Georgia
81.	Germany
82.	Ghana
83.	Gibraltar

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

84.	Greece
85.	Greenland
86.	Grenada
87.	Guadeloupe
88.	Guatemala
89.	Guernsey
90.	Guinea
91.	Guinea-Bissau
92.	Guyana
93.	Haiti
94.	Hashemite Kingdom of Jordan
95.	Honduras
96.	Hong Kong
97.	Hungary
98.	Iceland
99.	India
100.	Indonesia
101.	Iran
102.	Iraq
103.	Ireland
104.	Isle of Man
105.	Israel
106.	Italy
107.	Ivory Coast
108.	Jamaica
109.	Japan
110.	Jersey
111.	Kazakhstan
112.	Kenya
113.	Kiribati
114.	Kosovo
115.	Kuwait
116.	Kyrgyzstan
117.	Laos
118.	Latvia
119.	Lebanon
120.	Lesotho
121.	Liberia
122.	Libya
123.	Liechtenstein
124.	Luxembourg
125.	Macao
126.	Macedonia

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

127.	Madagascar
128.	Malawi
129.	Malaysia
130.	Maldives
131.	Mali
132.	Malta
133.	Marshall Islands
134.	Martinique
135.	Mauritania
136.	Mauritius
137.	Mayotte
138.	Mexico
139.	Monaco
140.	Mongolia
141.	Montenegro
142.	Montserrat
143.	Morocco
144.	Mozambique
145.	Myanmar [Burma]
146.	Namibia
147.	Nauru
148.	Nepal
149.	Netherlands
150.	New Caledonia
151.	New Zealand
152.	Nicaragua
153.	Niger
154.	Nigeria
155.	Niue
156.	Norfolk Island
157.	North Korea
158.	Norway
159.	Oman
160.	Pakistan
161.	Palau
162.	Palestine
163.	Panama
164.	Papua New Guinea
165.	Paraguay
166.	Peru
167.	Philippines
168.	Pitcairn Islands
169.	Poland

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

170.	Portugal
171.	Qatar
172.	Republic of Korea
173.	Republic of Lithuania
174.	Republic of Moldova
175.	Republic of the Congo
176.	Romania
177.	Russia
178.	Rwanda
179.	Réunion
180.	Saint Helena
181.	Saint Kitts and Nevis
182.	Saint Lucia
183.	Saint Martin
184.	Saint Pierre and Miquelon
185.	Saint Vincent and the Grenadines
186.	Saint Barthélemy
187.	Samoa
188.	San Marino
189.	Saudi Arabia
190.	Senegal
191.	Serbia
192.	Seychelles
193.	Sierra Leone
194.	Singapore
195.	Sint Maarten
196.	Slovak Republic
197.	Slovakia
198.	Slovenia
199.	Solomon Islands
200.	Somalia
201.	South Africa
202.	South Georgia and the South Sandwich Islands
203.	South Sudan
204.	Spain
205.	Sri Lanka
206.	St Kitts and Nevis
207.	Sudan
208.	Suriname
209.	Svalbard and Jan Mayen
210.	Swaziland
211.	Sweden

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

212.	Switzerland
213.	Syria
214.	São Tomé and Príncipe
215.	Taiwan
216.	Tajikistan
217.	Tanzania
218.	Thailand
219.	Togo
220.	Tokelau
221.	Tonga
222.	Trinidad and Tobago
223.	Tunisia
224.	Turkey
225.	Turkmenistan
226.	Turks and Caicos Islands
227.	Tuvalu
228.	Uganda
229.	Ukraine
230.	United Arab Emirates
231.	United Kingdom
232.	Uruguay
233.	Uzbekistan
234.	Vanuatu
235.	Vatican City
236.	Venezuela
237.	Vietnam
238.	Wallis and Futuna
239.	Western Sahara
240.	Yemen
241.	Zambia
242.	Zimbabwe

EXHIBIT C

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

List of Countries with Logged non-VPN TCP Connections to Wikimedia Office Router in United States from March 1, 2017 to February 28, 2018

1.	Andorra
2.	United Arab Emirates
3.	Afghanistan
4.	Antigua and Barbuda
5.	Albania
6.	Armenia
7.	Angola
8.	Antarctica
9.	Argentina
10.	Austria
11.	Australia
12.	Aruba
13.	Aland Islands
14.	Azerbaijan
15.	Bosnia and Herzegovina
16.	Barbados
17.	Bangladesh
18.	Belgium
19.	Burkina Faso
20.	Bulgaria
21.	Bahrain
22.	Burundi
23.	Benin
24.	Saint Bartelemey
25.	Bermuda
26.	Brunei Darussalam
27.	Bolivia
28.	Bonaire, Saint Eustatius and Saba
29.	Brazil
30.	Bahamas
31.	Bhutan
32.	Botswana
33.	Belarus
34.	Belize
35.	Canada
36.	Congo, The Democratic Republic of the
37.	Central African Republic
38.	Congo
39.	Switzerland
40.	Cote d'Ivoire

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
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41.	Cook Islands
42.	Chile
43.	Cameroon
44.	China
45.	Colombia
46.	Costa Rica
47.	Cuba
48.	Cape Verde
49.	Curacao
50.	Christmas Island
51.	Cyprus
52.	Czech Republic
53.	Germany
54.	Djibouti
55.	Denmark
56.	Dominica
57.	Dominican Republic
58.	Algeria
59.	Ecuador
60.	Estonia
61.	Egypt
62.	Eritrea
63.	Spain
64.	Ethiopia
65.	Europe
66.	Finland
67.	Fiji
68.	France
69.	Gabon
70.	United Kingdom
71.	Grenada
72.	Georgia
73.	French Guiana
74.	Guernsey
75.	Ghana
76.	Gibraltar
77.	Greenland
78.	Gambia
79.	Guadeloupe
80.	Equatorial Guinea
81.	Greece
82.	Guatemala
83.	Guam

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

84.	Guyana
85.	Hong Kong
86.	Honduras
87.	Croatia
88.	Haiti
89.	Hungary
90.	Indonesia
91.	Ireland
92.	Israel
93.	Isle of Man
94.	India
95.	Iraq
96.	Iran, Islamic Republic of
97.	Iceland
98.	Italy
99.	Jersey
100.	Jamaica
101.	Jordan
102.	Japan
103.	Kenya
104.	Kyrgyzstan
105.	Cambodia
106.	Kiribati
107.	Comoros
108.	Saint Kitts and Nevis
109.	Korea, Democratic People's Republic of
110.	Korea, Republic of
111.	Kuwait
112.	Cayman Islands
113.	Kazakhstan
114.	Lao People's Democratic Republic
115.	Lebanon
116.	Saint Lucia
117.	Liechtenstein
118.	Sri Lanka
119.	Liberia
120.	Lesotho
121.	Lithuania
122.	Luxembourg
123.	Latvia
124.	Libyan Arab Jamahiriya
125.	Morocco
126.	Monaco

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127.	Moldova, Republic of
128.	Montenegro
129.	Saint Martin
130.	Madagascar
131.	Marshall Islands
132.	Macedonia
133.	Mali
134.	Myanmar
135.	Mongolia
136.	Macao
137.	Northern Mariana Islands
138.	Martinique
139.	Mauritania
140.	Malta
141.	Mauritius
142.	Maldives
143.	Malawi
144.	Mexico
145.	Malaysia
146.	Mozambique
147.	Namibia
148.	New Caledonia
149.	Niger
150.	Nigeria
151.	Nicaragua
152.	Netherlands
153.	Norway
154.	Nepal
155.	New Zealand
156.	Oman
157.	Panama
158.	Peru
159.	French Polynesia
160.	Papua New Guinea
161.	Philippines
162.	Pakistan
163.	Poland
164.	Puerto Rico
165.	Palestinian Territory
166.	Portugal
167.	Palau
168.	Paraguay
169.	Qatar

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

170.	Reunion
171.	Romania
172.	Serbia
173.	Russian Federation
174.	Rwanda
175.	Saudi Arabia
176.	Solomon Islands
177.	Seychelles
178.	Sudan
179.	Sweden
180.	Singapore
181.	Slovenia
182.	Slovakia
183.	Sierra Leone
184.	Senegal
185.	Somalia
186.	Suriname
187.	South Sudan
188.	Sao Tome and Principe
189.	El Salvador
190.	Sint Maarten
191.	Syrian Arab Republic
192.	Swaziland
193.	Turks and Caicos Islands
194.	Chad
195.	Togo
196.	Thailand
197.	Tajikistan
198.	Turkmenistan
199.	Tunisia
200.	Tonga
201.	Turkey
202.	Trinidad and Tobago
203.	Taiwan
204.	Tanzania, United Republic of
205.	Ukraine
206.	Uganda
207.	Uruguay
208.	Uzbekistan
209.	Holy See (Vatican City State)
210.	Saint Vincent and the Grenadines
211.	Venezuela
212.	Virgin Islands, British

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213.	Virgin Islands, U.S.
214.	Vietnam
215.	Vanuatu
216.	Samoa
217.	Kosovo
218.	Yemen
219.	South Africa
220.	Zambia
221.	Zimbabwe

EXHIBIT D

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

**List of Countries with Logged VPN TCP Connections to Wikimedia
Office Router in United States from March 1, 2017 to February 28, 2018**

1.	United Arab Emirates
2.	Bulgaria
3.	Brazil
4.	Canada
5.	Switzerland
6.	China
7.	Colombia
8.	Germany
9.	Spain
10.	France
11.	United Kingdom
12.	Greece
13.	Hong Kong
14.	Ireland
15.	Iceland
16.	Japan
17.	Korea, Republic of
18.	Latvia
19.	Moldova, Republic of
20.	Mongolia
21.	Nigeria
22.	Netherlands
23.	Portugal
24.	Romania
25.	Russian Federation
26.	Seychelles
27.	Singapore
28.	Ukraine
29.	Uzbekistan

EXHIBIT E

~~HIGHLY PROTECTED - ATTORNEYS' EYES ONLY~~
~~FOIA Confidential Treatment Request~~

List of Countries with Logged non-VPN UDP Connections to Wikimedia Office Router in United States from March 1, 2017 to February 28, 2018

1.	United Arab Emirates
2.	Antigua and Barbuda
3.	Anguilla
4.	Albania
5.	Armenia
6.	Angola
7.	Antarctica
8.	Argentina
9.	Austria
10.	Australia
11.	Aruba
12.	Aland Islands
13.	Azerbaijan
14.	Bosnia and Herzegovina
15.	Barbados
16.	Bangladesh
17.	Belgium
18.	Burkina Faso
19.	Bulgaria
20.	Bahrain
21.	Burundi
22.	Benin
23.	Bermuda
24.	Brunei Darussalam
25.	Bolivia
26.	Bonaire, Saint Eustatius and Saba
27.	Brazil
28.	Bahamas
29.	Bhutan
30.	Botswana
31.	Belarus
32.	Belize
33.	Canada
34.	Switzerland
35.	Cote d'Ivoire
36.	Cook Islands
37.	Chile
38.	Cameroon
39.	China
40.	Colombia

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41.	Costa Rica
42.	Cuba
43.	Cape Verde
44.	Curacao
45.	Cyprus
46.	Czech Republic
47.	Germany
48.	Denmark
49.	Dominica
50.	Dominican Republic
51.	Algeria
52.	Ecuador
53.	Estonia
54.	Egypt
55.	Spain
56.	Ethiopia
57.	Europe
58.	Finland
59.	Fiji
60.	France
61.	Gabon
62.	United Kingdom
63.	Grenada
64.	Georgia
65.	French Guiana
66.	Guernsey
67.	Ghana
68.	Gibraltar
69.	Greenland
70.	Guinea
71.	Guadeloupe
72.	Greece
73.	Guatemala
74.	Guam
75.	Guyana
76.	Hong Kong
77.	Honduras
78.	Croatia
79.	Hungary
80.	Indonesia
81.	Ireland
82.	Israel
83.	Isle of Man

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84.	India
85.	Iraq
86.	Iran, Islamic Republic of
87.	Iceland
88.	Italy
89.	Jersey
90.	Jamaica
91.	Jordan
92.	Japan
93.	Kenya
94.	Kyrgyzstan
95.	Cambodia
96.	Comoros
97.	Saint Kitts and Nevis
98.	Korea, Democratic People's Republic of
99.	Korea, Republic of
100.	Kuwait
101.	Cayman Islands
102.	Kazakhstan
103.	Lao People's Democratic Republic
104.	Lebanon
105.	Saint Lucia
106.	Liechtenstein
107.	Sri Lanka
108.	Lithuania
109.	Luxembourg
110.	Latvia
111.	Libyan Arab Jamahiriya
112.	Morocco
113.	Monaco
114.	Moldova, Republic of
115.	Montenegro
116.	Saint Martin
117.	Madagascar
118.	Macedonia
119.	Myanmar
120.	Mongolia
121.	Macao
122.	Martinique
123.	Mauritania
124.	Montserrat
125.	Malta
126.	Mauritius

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127.	Maldives
128.	Malawi
129.	Mexico
130.	Malaysia
131.	Mozambique
132.	Namibia
133.	New Caledonia
134.	Niger
135.	Nigeria
136.	Nicaragua
137.	Netherlands
138.	Norway
139.	Nepal
140.	Nauru
141.	New Zealand
142.	Oman
143.	Panama
144.	Peru
145.	French Polynesia
146.	Philippines
147.	Pakistan
148.	Poland
149.	Puerto Rico
150.	Palestinian Territory
151.	Portugal
152.	Paraguay
153.	Qatar
154.	Reunion
155.	Romania
156.	Serbia
157.	Russian Federation
158.	Rwanda
159.	Saudi Arabia
160.	Seychelles
161.	Sudan
162.	Sweden
163.	Singapore
164.	Slovenia
165.	Slovakia
166.	Sierra Leone
167.	San Marino
168.	Senegal
169.	Somalia

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170.	Suriname
171.	El Salvador
172.	Sint Maarten
173.	Syrian Arab Republic
174.	Swaziland
175.	Turks and Caicos Islands
176.	Chad
177.	Togo
178.	Thailand
179.	Tajikistan
180.	Tokelau
181.	Turkmenistan
182.	Tunisia
183.	Turkey
184.	Trinidad and Tobago
185.	Taiwan
186.	Tanzania, United Republic of
187.	Ukraine
188.	Uganda
189.	Uruguay
190.	Uzbekistan
191.	Holy See (Vatican City State)
192.	Saint Vincent and the Grenadines
193.	Venezuela
194.	Virgin Islands, British
195.	Virgin Islands, U.S.
196.	Vietnam
197.	Vanuatu
198.	Kosovo
199.	Yemen
200.	Mayotte
201.	South Africa
202.	Zambia
203.	Zimbabwe

EXHIBIT F

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**List of Countries with Logged VPN UDP Connections to Wikimedia
Office Router in United States from March 1, 2017 to February 28, 2018**

1.	Argentina
2.	Austria
3.	Australia
4.	Canada
5.	China
6.	Colombia
7.	Czech Republic
8.	Germany
9.	Denmark
10.	Egypt
11.	Spain
12.	France
13.	United Kingdom
14.	Greece
15.	Hungary
16.	Iran, Islamic Republic of
17.	Jordan
18.	Mexico
19.	Netherlands
20.	New Zealand
21.	Peru
22.	Poland
23.	Russian Federation
24.	Seychelles
25.	Sweden
26.	Turkey
27.	Uzbekistan

EXHIBIT G

~~HIGHLY PROTECTED - ATTORNEYS EYES ONLY~~
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List of Countries with Logged non-VPN ICMP Connections to Wikimedia Office Router in United States from August 1, 2017 to January 31, 2018

1.	United Arab Emirates
2.	Albania
3.	Armenia
4.	Argentina
5.	Austria
6.	Australia
7.	Azerbaijan
8.	Bosnia and Herzegovina
9.	Bangladesh
10.	Belgium
11.	Bulgaria
12.	Bolivia
13.	Brazil
14.	Belarus
15.	Canada
16.	Switzerland
17.	Chile
18.	China
19.	Colombia
20.	Costa Rica
21.	Czech Republic
22.	Germany
23.	Denmark
24.	Dominican Republic
25.	Ecuador
26.	Estonia
27.	Egypt
28.	Spain
29.	Europe
30.	Finland
31.	France
32.	United Kingdom
33.	Georgia
34.	Ghana
35.	Greece
36.	Guatemala
37.	Hong Kong
38.	Croatia
39.	Hungary
40.	Indonesia

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41.	Ireland
42.	Israel
43.	India
44.	Iran, Islamic Republic of
45.	Iceland
46.	Italy
47.	Jordan
48.	Japan
49.	Kenya
50.	Kyrgyzstan
51.	Cambodia
52.	Korea, Republic of
53.	Kuwait
54.	Kazakhstan
55.	Lao People's Democratic Republic
56.	Lebanon
57.	Sri Lanka
58.	Lithuania
59.	Luxembourg
60.	Latvia
61.	Morocco
62.	Moldova, Republic of
63.	Macedonia
64.	Mongolia
65.	Mauritius
66.	Mexico
67.	Malaysia
68.	Mozambique
69.	New Caledonia
70.	Netherlands
71.	Norway
72.	Nepal
73.	New Zealand
74.	Peru
75.	French Polynesia
76.	Philippines
77.	Pakistan
78.	Poland
79.	Portugal
80.	Romania
81.	Serbia
82.	Russian Federation
83.	Rwanda

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84.	Saudi Arabia
85.	Seychelles
86.	Sudan
87.	Sweden
88.	Singapore
89.	Slovenia
90.	Slovakia
91.	El Salvador
92.	Thailand
93.	Tunisia
94.	Turkey
95.	Taiwan
96.	Tanzania, United Republic of
97.	Ukraine
98.	Uruguay
99.	Uzbekistan
100.	Venezuela
101.	Vietnam
102.	Vanuatu
103.	Kosovo
104.	South Africa
105.	Zimbabwe