

# Wie kann ich einen E-Mail-Server basierend auf der geografischen Lage blockieren?

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## Einführung

In diesem Dokument wird beschrieben, wie Sie einen E-Mail-Server mithilfe der Absendergruppe auf der E-Mail-Security-Appliance (ESA), die in AsyncOS 11.0.0-264 eingeführt wurde, auf Grundlage der Geolokation auf eine Blacklist setzen und ablehnen.

## Voraussetzungen

### Anforderungen

Cisco empfiehlt, über Kenntnisse in folgenden Bereichen zu verfügen:

- ESA-Konfiguration der Absendergruppe und HAT-Übersichtstabelle.

**Hinweis:** Weitere Informationen finden Sie im ESA-Benutzerhandbuch oder in der Online-Hilfe der ESA-GUI.

### Verwendete Komponenten

Die Informationen in diesem Dokument basieren auf den folgenden Software- und Hardwareversionen:

- ESA, alle Hardware und virtuellen Appliances mit AsyncOS 11.0.0-264 oder neuer

Die Informationen in diesem Dokument wurden von den Geräten in einer bestimmten Laborumgebung erstellt. Alle in diesem Dokument verwendeten Geräte haben mit einer leeren (Standard-)Konfiguration begonnen. Wenn Ihr Netzwerk in Betrieb ist, stellen Sie sicher, dass Sie die potenziellen Auswirkungen eines Befehls verstehen.

## Konfiguration

## Über die Benutzeroberfläche

1. Klicken Sie auf die Registerkarte **Mail-Policys**.
2. Wählen Sie im Abschnitt **Host Access Table (Hostzugriffstabelle)** die Option **HAT Overview (HAT-Übersicht)**,
3. Stellen Sie sicher, dass im Listener-Dropdown-Menü der richtige Listener für die Konfiguration ausgewählt ist.
4. Klicken Sie in der Spalte Absendergruppe unten auf **BLACKLIST**,
5. Klicken Sie auf die Schaltfläche **Absender hinzufügen**.
6. Klicken Sie auf die Option **Geolocation**.
7. Wählen Sie das Land aus, das von der BLACKLIST-Absendergruppe abgelehnt werden soll.

Wenn Sie alle Einträge hinzugefügt haben, klicken Sie auf die **Schaltfläche Senden**, und klicken Sie auf die Schaltfläche **Änderungen bestätigen**, um die Änderungen zu speichern.

## Über die CLI

```
msesa1.cisco.com> listenerconfig
```

Currently configured listeners:

1. IncomingMail (on Management, 10.106.36.187) SMTP TCP Port 25 Public

Choose the operation you want to perform:

- NEW - Create a new listener.
- EDIT - Modify a listener.
- DELETE - Remove a listener.
- SETUP - Change global settings.

```
[]> edit
```

Enter the name or number of the listener you wish to edit.

```
[]> 1
```

Name: IncomingMail

Type: Public

Interface: Management (10.106.36.187/24) TCP Port 25

Protocol: SMTP

Default Domain:

Max Concurrent Connections: 300 (TCP Queue: 50)

Domain Map: Disabled

TLS: No

SMTP Authentication: Enabled with profile test

Bounce Profile: Default

Use SenderBase For Reputation Filters and IP Profiling: Yes

Footer: None

Heading: None

SMTP Call-Ahead: Disabled

LDAP: ldapaccept (test.accept)

Choose the operation you want to perform:

- NAME - Change the name of the listener.
- INTERFACE - Change the interface.
- CERTIFICATE - Choose the certificate.
- LIMITS - Change the injection limits.
- SETUP - Configure general options.
- HOSTACCESS - Modify the Host Access Table.
- RCPTACCESS - Modify the Recipient Access Table.

- BOUNCECONFIG - Choose the bounce profile to use for messages injected on this listener.
- MASQUERADE - Configure the Domain Masquerading Table.
- DOMAINMAP - Configure domain mappings.
- LDAPACCEPT - Configure an LDAP query to determine whether a recipient address should be accepted or bounced/dropped.
- SMTPAUTH - Configure an SMTP authentication.

[]> **HOSTACCESS**

#### Default Policy Parameters

=====

Maximum Message Size: 10M  
 Maximum Number Of Concurrent Connections From A Single IP: 10  
 Maximum Number Of Messages Per Connection: 10  
 Maximum Number Of Recipients Per Message: 50  
 Directory Harvest Attack Prevention: Enabled  
 Maximum Number Of Invalid Recipients Per Hour: 25  
 Maximum Number Of Recipients Per Hour: Disabled  
 Maximum Number Of Recipients per Envelope Sender: Disabled  
 Use SenderBase for Flow Control: Yes  
 Spam Detection Enabled: Yes  
 Virus Detection Enabled: Yes  
 Allow TLS Connections: No  
 Allow SMTP Authentication: No  
 Require TLS To Offer SMTP authentication: No  
 DKIM/DomainKeys Signing Enabled: No  
 DKIM Verification Enabled: No  
 S/MIME Public Key Harvesting Enabled: No  
 S/MIME Decryption/Verification Enabled: No  
 SPF/SIDF Verification Enabled: No  
 DMARC Verification Enabled: No  
 Envelope Sender DNS Verification Enabled: Yes  
 Domain Exception Table Enabled: No  
 Accept untagged bounces: No

There are currently 5 policies defined.  
 There are currently 6 sender groups.

Choose the operation you want to perform:

- NEW - Create a new entry.
- EDIT - Modify an entry.
- DELETE - Remove an entry.
- MOVE - Move an entry.
- DEFAULT - Set the defaults.
- PRINT - Display the table.
- IMPORT - Import a table from a file.
- EXPORT - Export the table to a file.
- RESET - Remove senders and set policies to system default.

[]> **edit**

1. Edit Sender Group
2. Edit Policy

[1]> 1

Currently configured HAT sender groups:

1. RELAYLIST
2. WHITELIST (My trusted senders have no anti-spam scanning or rate limiting)
3. BLACKLIST (Spammers are rejected)
4. SUSPECTLIST (Suspicious senders are throttled)
5. UNKNOWNLIST (Reviewed but undecided, continue normal acceptance)
6. (no name, first host = ALL) (Everyone else)

Enter the sender group number or name you wish to edit.

[]> **BLACKLIST**

Choose the operation you want to perform:

- NEW - Add a new host.
- DELETE - Remove a host.
- MOVE - Reorder the hosts.
- COUNTRY - Add and delete countries.
- POLICY - Change the policy settings and options.
- PRINT - Display the current definition.
- RENAME - Rename this sender group.

[]> **COUNTRY**

Choose the operation you want to perform:

- ADD - Add countries

[]> **ADD**

1. Afghanistan [af]
2. Aland Islands [ax]
3. Albania [al]
4. Algeria [dz]
5. American Samoa [as]
6. Andorra [ad]
7. Angola [ao]
8. Anguilla [ai]
9. Antarctica [aq]
10. Antigua and Barbuda [ag]
11. Argentina [ar]
12. Armenia [am]
13. Aruba [aw]
14. Asia/Pacific Region [ap]
15. Australia [au]
16. Austria [at]
17. Azerbaijan [az]
18. Bahamas [bs]
19. Bahrain [bh]
20. Bangladesh [bd]
21. Barbados [bb]
22. Belarus [by]
23. Belgium [be]
24. Belize [bz]
25. Benin [bj]
26. Bermuda [bm]
27. Bhutan [bt]
28. Bolivia [bo]
29. Bonaire, Saint Eustatius and Saba [bq]
30. Bosnia and Herzegovina [ba]
31. Botswana [bw]
32. Bouvet Island [bv]
33. Brazil [br]
34. British Indian Ocean Territory [io]
35. Brunei Darussalam [bn]
36. Bulgaria [bg]
37. Burkina Faso [bf]
38. Burundi [bi]
39. Cambodia [kh]
40. Cameroon [cm]
41. Canada [ca]
42. Cape Verde [cv]
43. Cayman Islands [ky]
44. Central African Republic [cf]
45. Chad [td]
46. Chile [cl]
47. China [cn]
48. Christmas Island [cx]
49. Cocos (Keeling) Islands [cc]
50. Colombia [co]

51. Comoros [km]
52. Congo [cg]
53. Congo, The Democratic Republic of the [cd]
54. Cook Islands [ck]
55. Costa Rica [cr]
56. Cote d'Ivoire [ci]
57. Croatia [hr]
58. Cuba [cu]
59. Curacao [cw]
60. Cyprus [cy]
61. Czech Republic [cz]
62. Denmark [dk]
63. Djibouti [dj]
64. Dominica [dm]
65. Dominican Republic [do]
66. Ecuador [ec]
67. Egypt [eg]
68. El Salvador [sv]
69. Equatorial Guinea [gq]
70. Eritrea [er]
71. Estonia [ee]
72. Ethiopia [et]
73. Europe [eu]
74. Falkland Islands (Malvinas) [fk]
75. Faroe Islands [fo]
76. Fiji [fj]
77. Finland [fi]
78. France [fr]
79. French Guiana [gf]
80. French Polynesia [pf]
81. French Southern Territories [tf]
82. Gabon [ga]
83. Gambia [gm]
84. Georgia [ge]
85. Germany [de]
86. Ghana [gh]
87. Gibraltar [gi]
88. Greece [gr]
89. Greenland [gl]
90. Grenada [gd]
91. Guadeloupe [gp]
92. Guam [gu]
93. Guatemala [gt]
94. Guernsey [gg]
95. Guinea [gn]
96. Guinea-Bissau [gw]
97. Guyana [gy]
98. Haiti [ht]
99. Heard Island and McDonald Islands [hm]
100. Holy See (Vatican City State) [va]
101. Honduras [hn]
102. Hong Kong [hk]
103. Hungary [hu]
104. Iceland [is]
105. India [in]
106. Indonesia [id]
107. Iran, Islamic Republic of [ir]
108. Iraq [iq]
109. Ireland [ie]
110. Isle of Man [im]
111. Israel [il]
112. Italy [it]
113. Jamaica [jm]
114. Japan [jp]

115. Jersey [je]  
116. Jordan [jo]  
117. Kazakhstan [kz]  
118. Kenya [ke]  
119. Kiribati [ki]  
120. Korea, Democratic People's Republic of [kp]  
121. Korea, Republic of [kr]  
122. Kuwait [kw]  
123. Kyrgyzstan [kg]  
124. Lao People's Democratic Republic [la]  
125. Latvia [lv]  
126. Lebanon [lb]  
127. Lesotho [ls]  
128. Liberia [lr]  
129. Libyan Arab Jamahiriya [ly]  
130. Liechtenstein [li]  
131. Lithuania [lt]  
132. Luxembourg [lu]  
133. Macao [mo]  
134. Macedonia [mk]  
135. Madagascar [mg]  
136. Malawi [mw]  
137. Malaysia [my]  
138. Maldives [mv]  
139. Mali [ml]  
140. Malta [mt]  
141. Marshall Islands [mh]  
142. Martinique [mq]  
143. Mauritania [mr]  
144. Mauritius [mu]  
145. Mayotte [yt]  
146. Mexico [mx]  
147. Micronesia, Federated States of [fm]  
148. Moldova, Republic of [md]  
149. Monaco [mc]  
150. Mongolia [mn]  
151. Montenegro [me]  
152. Montserrat [ms]  
153. Morocco [ma]  
154. Mozambique [mz]  
155. Myanmar [mm]  
156. Namibia [na]  
157. Nauru [nr]  
158. Nepal [np]  
159. Netherlands [nl]  
160. New Caledonia [nc]  
161. New Zealand [nz]  
162. Nicaragua [ni]  
163. Niger [ne]  
164. Nigeria [ng]  
165. Niue [nu]  
166. Norfolk Island [nf]  
167. Northern Mariana Islands [mp]  
168. Norway [no]  
169. Oman [om]  
170. Pakistan [pk]  
171. Palau [pw]  
172. Palestinian Territory [ps]  
173. Panama [pa]  
174. Papua New Guinea [pg]  
175. Paraguay [py]  
176. Peru [pe]  
177. Philippines [ph]  
178. Pitcairn [pn]

179. Poland [pl]  
180. Portugal [pt]  
181. Puerto Rico [pr]  
182. Qatar [qa]  
183. Reunion [re]  
184. Romania [ro]  
185. Russian Federation [ru]  
186. Rwanda [rw]  
187. Saint Bartelemey [bl]  
188. Saint Helena [sh]  
189. Saint Kitts and Nevis [kn]  
190. Saint Lucia [lc]  
191. Saint Martin [mf]  
192. Saint Pierre and Miquelon [pm]  
193. Saint Vincent and the Grenadines [vc]  
194. Samoa [ws]  
195. San Marino [sm]  
196. Sao Tome and Principe [st]  
197. Saudi Arabia [sa]  
198. Senegal [sn]  
199. Serbia [rs]  
200. Seychelles [sc]  
201. Sierra Leone [sl]  
202. Singapore [sg]  
203. Sint Maarten [sx]  
204. Slovakia [sk]  
205. Slovenia [si]  
206. Solomon Islands [sb]  
207. Somalia [so]  
208. South Africa [za]  
209. South Georgia and the South Sandwich Islands [gs]  
210. South Sudan [ss]  
211. Spain [es]  
212. Sri Lanka [lk]  
213. Sudan [sd]  
214. Suriname [sr]  
215. Svalbard and Jan Mayen [sj]  
216. Swaziland [sz]  
217. Sweden [se]  
218. Switzerland [ch]  
219. Syrian Arab Republic [sy]  
220. Taiwan [tw]  
221. Tajikistan [tj]  
222. Tanzania, United Republic of [tz]  
223. Thailand [th]  
224. Timor-Leste [tl]  
225. Togo [tg]  
226. Tokelau [tk]  
227. Tonga [to]  
228. Trinidad and Tobago [tt]  
229. Tunisia [tn]  
230. Turkey [tr]  
231. Turkmenistan [tm]  
232. Turks and Caicos Islands [tc]  
233. Tuvalu [tv]  
234. Uganda [ug]  
235. Ukraine [ua]  
236. United Arab Emirates [ae]  
237. United Kingdom [gb]  
238. United States Minor Outlying Islands [um]  
239. United States [us]  
240. Uruguay [uy]  
241. Uzbekistan [uz]  
242. Vanuatu [vu]

- 243. Venezuela [ve]
- 244. Vietnam [vn]
- 245. Virgin Islands, British [vg]
- 246. Virgin Islands, U.S. [vi]
- 247. Wallis and Futuna [wf]
- 248. Western Sahara [eh]
- 249. Yemen [ye]
- 250. Zambia [zm]
- 251. Zimbabwe [zw]

Enter the indices separated by commas or specify the range.

[]>

Vergessen Sie nicht, den **Commit**-Befehl auszugeben, um Ihre Änderungen zu speichern.

## Zugehörige Informationen

- [Cisco Email Security Appliance - Benutzerhandbücher](#)
- [Cisco Email Security Appliance-Befehlsreferenzen](#)
- [Technischer Support und Dokumentation - Cisco Systems](#)