For me: schedule a cron or manually update certification with: sudo certbot-auto renew

Had to modify the /etc/httpd/conf.d/ssl.conf file to have a new virtual host listening on port 80 with the following:

<**VirtualHost** 54.whatevertheamazonipis:80>  
 **DocumentRoot** "/var/www/html"  
 **ServerName** www.danielhampikian.com  
</**VirtualHost**>

And the old one listening from the ip like so:

<**VirtualHost** 54.whatevertheamazonipis:443>  
 **DocumentRoot** "/var/www/html"  
 **ServerName** www.danielhampikian.com  
</**VirtualHost**>

Which I later changed to \*:443 after I got passed the config check from running autocert. Needed debug flag to run autocert. Needed a special http install to get autocert to run as well…

Here’s the history: 82 sudo systemctl start httpd && sudo systemctl enable httpd

83 sudo yum install -y mod\_ssl

84 wget https://dl.eff.org/certbot-auto

85 sudo chmod a+x certbot-auto

86 sudo ./path/to/certbot-auto --apache

87 ls

88 sudo certbot-auto --apache

89 sudo ./certbot-auto --apache

90 sudo certbot-auto --apache certonly

91 sudo ./certbot-auto --apache certonly

92 sudo yum install openssl

93 clear

94 sudo a2enmod ssl

95 sudo aenmod ssl

96 clear

97 sudo systemctl

98 sudo systemctrl

99 sudo yum install mod\_ssl

100 rmp -Va --nofiles --nodigest

101 sudo yum install mod\_ssl rpm -Va --nofiles --nodigest

102 sudo yum install mod\_ssl

103 sudo yum update httpd-tools

104 sudo yum install httpd-tools

105 ls

106 cd ..

107 ls

108 sudo yum install mod24\_ssl.x86\_64

109 reboot

110 sudo reboot

111 sudo service restart httpd

112 sudo service start httpd

113 sudo service start httpd

114 sudo systemctl restart httpd

115 sudo service httpd restart

116 clear

117 wget https://dl.eff.org/certbot-auto

118 chmod a+x certbot-auto

119 sudo .certbot-auto --apache

120 sudo ./certbot-auto --apache

121 sudo ./certbot-auto --apache --debug

122 apachectl -t -D DUMP\_VHOSTS

123 vim /etc/httpd/conf.d/ssl.conf

124 sudo vim /etc/httpd/conf.d/ssl.conf

125 apachectl -t -D DUMP\_VHOSTS

126 sudo vim /etc/httpd/conf.d/ssl.conf

127 clear

128 apachectl -t -D DUMP\_VHOSTS

129 sudo ./certbot-auto --apache --debug

130 wq

131 :wq

132 sudo system restart httpd

133 sudo service restart httpd

134 sudo service httpd restart

135 sudo reboot

136 sudo service httpd restart

137 sudo ./certbot-auto --apache --debug

138 sudo /opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

139 /opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

140 sudo ./certbot-auto/opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

141 certbot-auto/opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

142 ls

143 cd certbot-auto

144 ls

145 cd ..

146 ls

147 cd ..

148 ls

149 cd ..

150 ls

151 cd home

152 ls

153 cd ec2-user/

154 ls

155 cd certbot-auto

156 ls

157 cd ..

158 ls

159 opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

160 /opt/letsencrypt/letsencrypt-auto --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

161 cd opt

162 ls

163 cd ..

164 ls

165 sudo ./certbot-auto --apache --debug --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

166 cd home/ec2-user/

167 sudo ./certbot-auto --apache --debug --authenticator webroot --installer apache -w /var/www/html -d danielhampikian.com

168 sudo ./certbot-auto --apache --debug --authenticator webroot -w /var/www/html -d danielhampikian.com

169 sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

170 sudo vim /etc/httpd/conf.d/ssl.conf

171 sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

172 sudo reboot

173 cd /var/www/html/

174 ls

175 sudo vim /etc/httpd/conf.d/ssl.conf

176 sudo service httpd restart

177 sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

178 sudo vim /etc/httpd/conf.d/ssl.conf

179 sudo service httpd restart

180 sudo ./certbot-auto --apache --debug

181 sudo yum install httpd

182 sudo yum install httpd -debug

183 sudo yum install httpd

184 sudo yum install httpd --skip broken

185 sudo vim /etc/httpd/conf.d/ssl.conf

186 sudo service httpd restart

187 sudo vim /etc/httpd/conf.d/ssl.conf

188 sudo service httpd restart

189 sudo vim /etc/httpd/conf.d/ssl.conf

190 sudo service httpd restart

191 sudo vim /etc/httpd/conf.d/ssl.conf

192 sudo service httpd restart

193 sudo ./certbot-auto --apache --debug

194 vim /var/log/letsencrypt/

195 sudo ./certbot-auto --apache --debug

196 sudo vim /etc/httpd/conf.d/ssl.conf

197 sudo ./certbot-auto --apache --debug

198 sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

199 sudo vim /etc/httpd/conf.d/ssl.conf

200 sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

201 sudo vim /etc/httpd/conf.d/ssl.conf

202 sudo service httpd restart

203 sudo ./certbot-auto --apache --debug

204 sudo certbot-auto renew

205 sudo service httpd restart

206 sudo vim /etc/httpd/conf.d/ssl.conf

207 sudo service httpd restart

208 sudo reboot

209 sudo vim /etc/httpd/conf.d/ssl.conf

210 sudo service httpd restart

211 clear

212 ls

213 sudo vim /etc/httpd/conf.d/ssl.conf

214 sudo service httpd restart

215 curl -O https://raw.githubusercontent.com/wp-cli/builds/gh-pages/phar/wp-cli.phar

216 sudo vim /etc/httpd/conf.d/ssl.conf

217 cat hist

218 cat history

219 history

Authenticating with public key "imported-openssh-key"

┌────────────────────────────────────────────────────────────────────┐

│ • MobaXterm 10.5 • │

│ (SSH client, X-server and networking tools) │

│ │

│ ➤ SSH session to ec2-user@54.243.18.114 │

│ • SSH compression : ✔ │

│ • SSH-browser : ✔ │

│ • X11-forwarding : ✔ (remote display is forwarded through SSH) │

│ • DISPLAY : ✔ (automatically set on remote server) │

│ │

│ ➤ For more info, ctrl+click on help or visit our website │

└────────────────────────────────────────────────────────────────────┘

Last login: Tue Jan 15 18:50:27 2019 from 65.129.53.245

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\_| ( / Amazon Linux AMI

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https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/

18 package(s) needed for security, out of 19 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for danielhampikian.com

Waiting for verification...

Cleaning up challenges

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

sys.exit(main())

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1364, in main

return config.func(config, plugins)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1118, in run

certname, lineage)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 121, in \_get\_and\_save\_cert

lineage = le\_client.obtain\_and\_enroll\_certificate(domains, certname)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 410, in obtain\_and\_enroll\_certificate

cert, chain, key, \_ = self.obtain\_certificate(domains)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 353, in obtain\_certificate

orderr = self.\_get\_order\_and\_authorizations(csr.data, self.config.allow\_subset\_of\_names)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 389, in \_get\_order\_and\_authorizations

authzr = self.auth\_handler.handle\_authorizations(orderr, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 82, in handle\_authorizations

self.\_respond(aauthzrs, resp, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 161, in \_respond

self.\_poll\_challenges(aauthzrs, chall\_update, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 232, in \_poll\_challenges

raise errors.FailedChallenges(all\_failed\_achalls)

FailedChallenges: Failed authorization procedure. danielhampikian.com (http-01): urn:ietf:params:acme:error:unauthorized :: The client lacks sufficient authorization :: Invalid response from http://danielhampikian.com/.well-known/acme-challenge/p-i7QrWq1G69A2YEeJEh51KAeSf7fiaZYpoZQh3GpmU: "<!DOCTYPE HTML PUBLIC \"-//IETF//DTD HTML 2.0//EN\">\n<html><head>\n<title>400 Bad Request</title>\n</head><body>\n<h1>Bad Request</h1"

Please see the logfiles in /var/log/letsencrypt for more details.

IMPORTANT NOTES:

- The following errors were reported by the server:

Domain: danielhampikian.com

Type: unauthorized

Detail: Invalid response from

http://danielhampikian.com/.well-known/acme-challenge/p-i7QrWq1G69A2YEeJEh51KAeSf7fiaZYpoZQh3GpmU:

"<!DOCTYPE HTML PUBLIC \"-//IETF//DTD HTML

2.0//EN\">\n<html><head>\n<title>400 Bad

Request</title>\n</head><body>\n<h1>Bad Request</h1"

To fix these errors, please make sure that your domain name was

entered correctly and the DNS A/AAAA record(s) for that domain

contain(s) the right IP address.

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [Tue Jan 15 19:03:51.176437 2019] [core:error] [pid 3259] (EAI 2)Name or service not known: AH00547: Could not resolve host name \*:.443 -- ignoring!

[ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Which names would you like to activate HTTPS for?

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate numbers separated by commas and/or spaces, or leave input

blank to select all options shown (Enter 'c' to cancel):

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for danielhampikian.com

Waiting for verification...

Cleaning up challenges

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

sys.exit(main())

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1364, in main

return config.func(config, plugins)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1118, in run

certname, lineage)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 121, in \_get\_and\_save\_cert

lineage = le\_client.obtain\_and\_enroll\_certificate(domains, certname)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 410, in obtain\_and\_enroll\_certificate

cert, chain, key, \_ = self.obtain\_certificate(domains)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 353, in obtain\_certificate

orderr = self.\_get\_order\_and\_authorizations(csr.data, self.config.allow\_subset\_of\_names)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 389, in \_get\_order\_and\_authorizations

authzr = self.auth\_handler.handle\_authorizations(orderr, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 82, in handle\_authorizations

self.\_respond(aauthzrs, resp, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 161, in \_respond

self.\_poll\_challenges(aauthzrs, chall\_update, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 232, in \_poll\_challenges

raise errors.FailedChallenges(all\_failed\_achalls)

FailedChallenges: Failed authorization procedure. danielhampikian.com (http-01): urn:ietf:params:acme:error:unauthorized :: The client lacks sufficient authorization :: Invalid response from http://danielhampikian.com/.well-known/acme-challenge/Nqk67StqWQHS8xwn7H1sSva33hjkglJZwRd\_pE0rb2Y: "<!DOCTYPE HTML PUBLIC \"-//IETF//DTD HTML 2.0//EN\">\n<html><head>\n<title>400 Bad Request</title>\n</head><body>\n<h1>Bad Request</h1"

Please see the logfiles in /var/log/letsencrypt for more details.

IMPORTANT NOTES:

- The following errors were reported by the server:

Domain: danielhampikian.com

Type: unauthorized

Detail: Invalid response from

http://danielhampikian.com/.well-known/acme-challenge/Nqk67StqWQHS8xwn7H1sSva33hjkglJZwRd\_pE0rb2Y:

"<!DOCTYPE HTML PUBLIC \"-//IETF//DTD HTML

2.0//EN\">\n<html><head>\n<title>400 Bad

Request</title>\n</head><body>\n<h1>Bad Request</h1"

To fix these errors, please make sure that your domain name was

entered correctly and the DNS A/AAAA record(s) for that domain

contain(s) the right IP address.

[ec2-user@ip-172-31-0-176 ~]$ sudo yum install httpd

Loaded plugins: priorities, update-motd, upgrade-helper

amzn-main | 2.1 kB 00:00:00

amzn-updates | 2.5 kB 00:00:00

Resolving Dependencies

--> Running transaction check

---> Package httpd.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Dependency: httpd-tools = 2.2.34-1.16.amzn1 for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Processing Dependency: apr-util-ldap for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Running transaction check

---> Package apr-util-ldap.x86\_64 0:1.5.4-6.18.amzn1 will be installed

---> Package httpd-tools.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Conflict: httpd24-tools-2.4.37-1.83.amzn1.x86\_64 conflicts httpd-tools < 2.4.37

--> Processing Conflict: httpd24-2.4.37-1.83.amzn1.x86\_64 conflicts httpd < 2.4.37

--> Finished Dependency Resolution

Error: httpd24-tools conflicts with httpd-tools-2.2.34-1.16.amzn1.x86\_64

Error: httpd24 conflicts with httpd-2.2.34-1.16.amzn1.x86\_64

You could try using --skip-broken to work around the problem

You could try running: rpm -Va --nofiles --nodigest

[ec2-user@ip-172-31-0-176 ~]$ sudo yum install httpd -debug

Usage: yum [options] COMMAND

List of Commands:

autoremove Remove leaf packages

check Check for problems in the rpmdb

check-update Check for available package updates

clean Remove cached data

deplist List a package's dependencies

distribution-synchronization Synchronize installed packages to the latest available versions

downgrade downgrade a package

erase Remove a package or packages from your system

fs Acts on the filesystem data of the host, mainly for removing docs/lanuages for minimal hosts.

fssnapshot Creates filesystem snapshots, or lists/deletes current snapshots.

groups Display, or use, the groups information

help Display a helpful usage message

history Display, or use, the transaction history

info Display details about a package or group of packages

install Install a package or packages on your system

list List a package or groups of packages

load-transaction load a saved transaction from filename

makecache Generate the metadata cache

provides Find what package provides the given value

reinstall reinstall a package

repo-pkgs Treat a repo. as a group of packages, so we can install/remove all of them

repolist Display the configured software repositories

search Search package details for the given string

shell Run an interactive yum shell

swap Simple way to swap packages, instead of using shell

update Update a package or packages on your system

update-minimal Works like upgrade, but goes to the 'newest' package match which fixes a problem that affects your system

updateinfo Acts on repository update information

upgrade Update packages taking obsoletes into account

version Display a version for the machine and/or available repos.

CRITICAL:yum.cli:Command line error: option -d: invalid integer value: 'ebug'

[ec2-user@ip-172-31-0-176 ~]$ sudo yum install httpd

Loaded plugins: priorities, update-motd, upgrade-helper

Resolving Dependencies

--> Running transaction check

---> Package httpd.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Dependency: httpd-tools = 2.2.34-1.16.amzn1 for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Processing Dependency: apr-util-ldap for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Running transaction check

---> Package apr-util-ldap.x86\_64 0:1.5.4-6.18.amzn1 will be installed

---> Package httpd-tools.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Conflict: httpd24-2.4.37-1.83.amzn1.x86\_64 conflicts httpd < 2.4.37

--> Processing Conflict: httpd24-tools-2.4.37-1.83.amzn1.x86\_64 conflicts httpd-tools < 2.4.37

--> Finished Dependency Resolution

Error: httpd24-tools conflicts with httpd-tools-2.2.34-1.16.amzn1.x86\_64

Error: httpd24 conflicts with httpd-2.2.34-1.16.amzn1.x86\_64

You could try using --skip-broken to work around the problem

You could try running: rpm -Va --nofiles --nodigest

[ec2-user@ip-172-31-0-176 ~]$ sudo yum install httpd --skip broken

Loaded plugins: priorities, update-motd, upgrade-helper

No package broken available.

Resolving Dependencies

--> Running transaction check

---> Package httpd.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Dependency: httpd-tools = 2.2.34-1.16.amzn1 for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Processing Dependency: apr-util-ldap for package: httpd-2.2.34-1.16.amzn1.x86\_64

--> Running transaction check

---> Package apr-util-ldap.x86\_64 0:1.5.4-6.18.amzn1 will be installed

---> Package httpd-tools.x86\_64 0:2.2.34-1.16.amzn1 will be installed

--> Processing Conflict: httpd24-2.4.37-1.83.amzn1.x86\_64 conflicts httpd < 2.4.37

--> Processing Conflict: httpd24-tools-2.4.37-1.83.amzn1.x86\_64 conflicts httpd-tools < 2.4.37

Packages skipped because of dependency problems:

apr-util-ldap-1.5.4-6.18.amzn1.x86\_64 from amzn-main

httpd-2.2.34-1.16.amzn1.x86\_64 from amzn-main

httpd-tools-2.2.34-1.16.amzn1.x86\_64 from amzn-main

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [Tue Jan 15 19:08:20.757524 2019] [core:error] [pid 3525] (EAI 2)Name or service not known: AH00547: Could not resolve host name \*:.443 -- ignoring!

[ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [Tue Jan 15 19:09:17.940593 2019] [core:error] [pid 3605] (EAI 2)Name or service not known: AH00547: Could not resolve host name \_default:.443 -- ignoring!

[ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [Tue Jan 15 19:11:05.092899 2019] [core:error] [pid 3689] (EAI 2)Name or service not known: AH00547: Could not resolve host name 54.243.18.114:.443 -- ignoring!

[ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Which names would you like to activate HTTPS for?

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: ec2-54-243-18-114.compute-1.amazonaws.com

2: www.danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate numbers separated by commas and/or spaces, or leave input

blank to select all options shown (Enter 'c' to cancel):

Obtaining a new certificate

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

sys.exit(main())

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1364, in main

return config.func(config, plugins)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1118, in run

certname, lineage)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 121, in \_get\_and\_save\_cert

lineage = le\_client.obtain\_and\_enroll\_certificate(domains, certname)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 410, in obtain\_and\_enroll\_certificate

cert, chain, key, \_ = self.obtain\_certificate(domains)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 353, in obtain\_certificate

orderr = self.\_get\_order\_and\_authorizations(csr.data, self.config.allow\_subset\_of\_names)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 385, in \_get\_order\_and\_authorizations

orderr = self.acme.new\_order(csr\_pem)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 870, in new\_order

return self.client.new\_order(csr\_pem)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 652, in new\_order

response = self.\_post(self.directory['newOrder'], order)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 95, in \_post

return self.net.post(\*args, \*\*kwargs)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 1185, in post

return self.\_post\_once(\*args, \*\*kwargs)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 1202, in \_post\_once

response = self.\_check\_response(response, content\_type=content\_type)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/acme/client.py", line 1054, in \_check\_response

raise messages.Error.from\_json(jobj)

Error: urn:ietf:params:acme:error:rejectedIdentifier :: Error creating new order :: Policy forbids issuing for name

Please see the logfiles in /var/log/letsencrypt for more details.

[ec2-user@ip-172-31-0-176 ~]$ vim /var/log/letsencrypt/

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Which names would you like to activate HTTPS for?

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: ec2-54-243-18-114.compute-1.amazonaws.com

2: www.danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate numbers separated by commas and/or spaces, or leave input

blank to select all options shown (Enter 'c' to cancel): 2

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for www.danielhampikian.com

Cleaning up challenges

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

sys.exit(main())

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1364, in main

return config.func(config, plugins)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1118, in run

certname, lineage)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 121, in \_get\_and\_save\_cert

lineage = le\_client.obtain\_and\_enroll\_certificate(domains, certname)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 410, in obtain\_and\_enroll\_certificate

cert, chain, key, \_ = self.obtain\_certificate(domains)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 353, in obtain\_certificate

orderr = self.\_get\_order\_and\_authorizations(csr.data, self.config.allow\_subset\_of\_names)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/client.py", line 389, in \_get\_order\_and\_authorizations

authzr = self.auth\_handler.handle\_authorizations(orderr, best\_effort)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 75, in handle\_authorizations

resp = self.\_solve\_challenges(aauthzrs)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/auth\_handler.py", line 132, in \_solve\_challenges

resp = self.auth.perform(all\_achalls)

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/configurator.py", line 2280, in perform

http\_response = http\_doer.perform()

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 72, in perform

self.\_mod\_config()

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 99, in \_mod\_config

for vh in self.\_relevant\_vhosts():

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 136, in \_relevant\_vhosts

" {0}.".format(http01\_port))

PluginError: Unable to find a virtual host listening on port 80 which is currently needed for Certbot to prove to the CA that you control your domain. Please add a virtual host for port 80.

Please see the logfiles in /var/log/letsencrypt for more details.

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Which names would you like to activate HTTPS for?

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: ec2-54-243-18-114.compute-1.amazonaws.com

2: www.danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate numbers separated by commas and/or spaces, or leave input

blank to select all options shown (Enter 'c' to cancel): 2

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for www.danielhampikian.com

Cleaning up challenges

Exiting abnormally:

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File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

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for vh in self.\_relevant\_vhosts():

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 136, in \_relevant\_vhosts

" {0}.".format(http01\_port))

PluginError: Unable to find a virtual host listening on port 80 which is currently needed for Certbot to prove to the CA that you control your domain. Please add a virtual host for port 80.

Please see the logfiles in /var/log/letsencrypt for more details.

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for danielhampikian.com

Cleaning up challenges

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

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File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1118, in run

certname, lineage)

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PluginError: Unable to find a virtual host listening on port 80 which is currently needed for Certbot to prove to the CA that you control your domain. Please add a virtual host for port 80.

Please see the logfiles in /var/log/letsencrypt for more details.

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf [ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug -w /var/www/html -d danielhampikian.com

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for danielhampikian.com

Cleaning up challenges

Exiting abnormally:

Traceback (most recent call last):

File "/opt/eff.org/certbot/venv/bin/letsencrypt", line 11, in <module>

sys.exit(main())

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot/main.py", line 1364, in main

return config.func(config, plugins)

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File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 72, in perform

self.\_mod\_config()

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 99, in \_mod\_config

for vh in self.\_relevant\_vhosts():

File "/opt/eff.org/certbot/venv/local/lib/python2.7/site-packages/certbot\_apache/http\_01.py", line 136, in \_relevant\_vhosts

" {0}.".format(http01\_port))

PluginError: Unable to find a virtual host listening on port 80 which is currently needed for Certbot to prove to the CA that you control your domain. Please add a virtual host for port 80.

Please see the logfiles in /var/log/letsencrypt for more details.

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto --apache --debug

Saving debug log to /var/log/letsencrypt/letsencrypt.log

Plugins selected: Authenticator apache, Installer apache

Which names would you like to activate HTTPS for?

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: ec2-54-243-18-114.compute-1.amazonaws.com

2: www.danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate numbers separated by commas and/or spaces, or leave input

blank to select all options shown (Enter 'c' to cancel): 2

Obtaining a new certificate

Performing the following challenges:

http-01 challenge for www.danielhampikian.com

Waiting for verification...

Cleaning up challenges

Deploying Certificate to VirtualHost /etc/httpd/conf.d/ssl.conf

Please choose whether or not to redirect HTTP traffic to HTTPS, removing HTTP access.

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

1: No redirect - Make no further changes to the webserver configuration.

2: Redirect - Make all requests redirect to secure HTTPS access. Choose this for

new sites, or if you're confident your site works on HTTPS. You can undo this

change by editing your web server's configuration.

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Select the appropriate number [1-2] then [enter] (press 'c' to cancel): 1

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Congratulations! You have successfully enabled https://www.danielhampikian.com

You should test your configuration at:

https://www.ssllabs.com/ssltest/analyze.html?d=www.danielhampikian.com

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

IMPORTANT NOTES:

- Congratulations! Your certificate and chain have been saved at:

/etc/letsencrypt/live/www.danielhampikian.com/fullchain.pem

Your key file has been saved at:

/etc/letsencrypt/live/www.danielhampikian.com/privkey.pem

Your cert will expire on 2019-04-15. To obtain a new or tweaked

version of this certificate in the future, simply run certbot-auto

again with the "certonly" option. To non-interactively renew \*all\*

of your certificates, run "certbot-auto renew"

- If you like Certbot, please consider supporting our work by:

Donating to ISRG / Let's Encrypt: https://letsencrypt.org/donate

Donating to EFF: https://eff.org/donate-le

[ec2-user@ip-172-31-0-176 ~]$ sudo certbot-auto renew

sudo: certbot-auto: command not found

[ec2-user@ip-172-31-0-176 ~]$ sudo ./certbot-auto renew

Saving debug log to /var/log/letsencrypt/letsencrypt.log

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Processing /etc/letsencrypt/renewal/www.danielhampikian.com.conf

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

Cert not yet due for renewal

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

The following certs are not due for renewal yet:

/etc/letsencrypt/live/www.danielhampikian.com/fullchain.pem expires on 2019-04-15 (skipped)

No renewals were attempted.

- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo vim /etc/httpd/conf.d/ssl.conf

[ec2-user@ip-172-31-0-176 ~]$ sudo service httpd restart

Stopping httpd: [ OK ]

Starting httpd: [ OK ]

[ec2-user@ip-172-31-0-176 ~]$ sudo reboot

[ec2-user@ip-172-31-0-176 ~]$

Broadcast message from ec2-user@ip-172-31-0-176

(/dev/pts/0) at 19:27 ...

The system is going down for reboot NOW!

───────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────────

Session stopped

- Press <return> to exit tab

- Press R to restart session

- Press S to save terminal output to file

Server unexpectedly closed network connection