



链滴

AWS China 无法启动 Eureka 的原因

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<p>Meeting exception when using eureka in China AWS region :</p>

```
<pre> <code class="highlight-chroma"> <span class="highlight-line"> <span class="highlight-cl"> 2017-06-02 05:53:44.030 ERROR 24729 --- [ Thread-11] com.netflix.eureka.aws.EIPManager : Failed to bind elastic IP: 54.222.171.123 to i-030064f46d2e3edfd
</span> </span> <span class="highlight-line"> <span class="highlight-cl">
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> com.amazonaws.mamazonClientException: Unable to execute HTTP request: ec2.cn-north-1.amazonaws.com
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.http.AmazonHttpClient.executeHelper(AmazonHttpClient.java:714) ~[aws-java-sdk-core-1.1.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.http.AmazonHttpClient.doExecute(AmazonHttpClient.java:454) ~[aws-java-sdk-core-1.11.1.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.http.AmazonHttpClient.executeWithTimer(AmazonHttpClient.java:416) ~[aws-java-sdk-core-1.11.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.http.AmazonHttpClient.execute(AmazonHttpClient.java:365) ~[aws-java-sdk-core-1.11.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.services.ec2.AmazonEC2Client.doInvoke(AmazonEC2Client.java:12003) ~[aws-java-sdk-ec2-1.11.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.services.ec2.AmazonEC2Client.invoke(AmazonEC2Client.java:11973) ~[aws-java-sdk-ec2-1.1.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.amazonaws.services.ec2.AmazonEC2Client.describeAddresses(AmazonEC2Client.java:4716) ~[aws-java-sdk-ec2-1.11.18.jar!/:na]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.netflix.eureka.aws.EIPManager.bindEIP(EIPManager.java:202) [eureka-core-1.4.12.jar!/:1.4.12]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.netflix.eureka.aws.EIPManager.handleEIPBinding(EIPManager.java:136) [eureka-core-1.4.12.jar!/:1.4.12]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.netflix.eureka.aws.EIPManager.start(EIPManager.java:105) [eureka-core-1.4.12.jar!/:1.4.12]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at com.netflix.eureka.aws.AwsBinderDelegate.start(AwsBinderDelegate.java:42) [eureka-core-1.4.12.jar!/:1.4.12]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at org.springframework.cloud.netflix.eureka.server.EurekaServerBootstrap.initEurekaServerContext(EurekaServerBootstrap.java:145) [spring-cloud-netflix-eureka-server-1.2.4.RELEASE.jar!/:1.2.4.RELEASE]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at org.springframework.cloud.netflix.eureka.server.EurekaServerBootstrap.contextIntialized(EurekaServerBootstrap.java:81) [spring-cloud-netflix-eureka-server-1.2.4.RELEASE.jar!/:1.2.4.RELEASE]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at org.springframework.cloud.netflix.eureka.server.EurekaServerInitializerConfiguration$1.run(EurekaServerInitializerConfiguration.java:70) [spring-cloud-netflix-eureka-server-1.2.4.RELEASE.jar!/:1.2.4.RELEASE]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at java.lang.Thread.run(Thread.java:748) [na:1.8.0_131]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> Caused by: java.net.UnknownHostException: ec2.cn-north-1.amazonaws.com
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at java.net.InetAddress.getAllByName0(InetAddress.java:1280) ~[na:1.8.0_131]
</span> </span> <span class="highlight-line"> <span class="highlight-cl"> at java.net.InetAddress.getAllByName(InetAddress.java:1192) ~[na:1.8.0_131]
</span> </span>
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 at java.net.InetAddress.getAllByName(InetAddress.java:1126) ~[na:1.8.0_131]

 at com.amazonaws.SystemDefaultDnsResolver.resolve(SystemDefaultDnsResolver.java:27) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 at com.amazonaws.http.DelegatingDnsResolver.resolve(DelegatingDnsResolver.java:38) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 at org.apache.http.impl.conn.DefaultHttpClientConnectionOperator.connect(DefaultHttpClientConnectionOperator.java:111) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.conn.PoolingHttpClientConnectionManager.connect(PoolingHttpClientConnectionManager.java:353) ~[httpclient-4.5.2.jar!/:4.5.2]

 at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) ~[na:1.8.0_131]

 at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) ~[na:1.8.0_131]

 at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[na:1.8.0_131]

 at java.lang.reflect.Method.invoke(Method.java:498) ~[na:1.8.0_131]

 at com.amazonaws.http.conn.ClientConnectionManagerFactory\$Handler.invoke(ClientConnectionManagerFactory.java:76) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 at com.amazonaws.http.conn.\$Proxy171.connect(Unknown Source) ~[na:na]

 at org.apache.http.impl.execchain.MainClientExec.establishRoute(MainClientExec.java:380) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.execchain.MainClientExec.execute(MainClientExec.java:236) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.execchain.ProtocolExec.execute(ProtocolExec.java:184) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.client.InternalHttpClient.doExecute(InternalHttpClient.java:184) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:82) ~[httpclient-4.5.2.jar!/:4.5.2]

 at org.apache.http.impl.client.CloseableHttpClient.execute(CloseableHttpClient.java:55) ~[httpclient-4.5.2.jar!/:4.5.2]

 at com.amazonaws.http.apache.client.impl.SdkHttpClient.execute(SdkHttpClient.java:72) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 at com.amazonaws.http.AmazonHttpClient.executeOneRequest(AmazonHttpClient.java:859) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 at com.amazonaws.http.AmazonHttpClient.executeHelper(AmazonHttpClient.java:702) ~[aws-java-sdk-core-1.11.18.jar!/:na]

 ... 14 common f

ames omitted

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</span></span><span class="highlight-line"><span class="highlight-cl">  
</span></span></code></pre>
```

<p>And i have configuration</p>

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight  
cl">eureka.client.serviceUrl.defaultZone=http://ec2-54-222-171-123.cn-north-1.compute.ama  
onaws.com.cn:8761/eureka/
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">eureka.client.regi  
n=cn-north-1
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</span></span><span class="highlight-line"><span class="highlight-cl">
```

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</span></span></code></pre>
```

<p>See the code in <code>eureka/eureka-core/src/main/java/com/netflix/eureka/aws/EIPM
nager.java</code>

line 408: <code>ec2Service.setEndpoint("ec2." + region + ".amazonaws.com");</code> . The
orrect address should be <code>.amazonaws.com.cn</code> in China AWS.</p>