

Hadoop 常见问题汇总

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原文链接: <https://ld246.com/article/1617971651734>

来源网站: [链滴](#)

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<h2 id="Hadoop">Hadoop</h2>

<h2 id="datanode重启后-由于ip变化导致连接namenode失败">datanode 重启后, 由于 ip 变化致连接 namenode 失败</h2>

<p>现象: </p>

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">Datanode denied communication with namenode because hostname cannot be resolved (p=10.5.x.x, hostname=10.5.x.x): DatanodeRegistration(0.0.0.0, datanodeUuie12e2d92-e215-4a9-a09b-d22ef4e3cc5ainfoPort=9102, ipcPort=9201, storageInfo=lv=-55;cid=CID-f50d3808-57f-4520-b696-0234f07f89f7;nsid=1758720717;c=0)</span></span></code></pre>
```

<p>原因: </p>

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl"> "Hadoop provides a mechanism to prevent unauthorized access. User can add hosts.den and hosts.allow files to limit the access to a hadoop cluster. When a data node joins the nam node, the name node will check the DNS name of the data node, if the DNS name cannot be esolved or the host is not allowed based on hosts.deny and hosts.allow files, the NN will reject the data node join.</span></span></code></pre>
```

<p>解决方案:</p>

<p>namenode 增加 hdfs-site.xml 配置</p>

```
<pre><code class="language-xml highlight-chroma"><span class="highlight-line"><span clss="highlight-cl"><span class="highlight-nt">&lt;property&gt;</span></span></span><span class="highlight-line"><span class="highlight-cl"> <span class="highlight-nt">&lt;name&gt;</span>dfs.namenode.datanode.registration.ip-hostname-check<span class="highlight-nt">&lt;/name&gt;</span></span><span class="highlight-line"><span class="highlight-cl"> <span class="highlight-nt">&lt;value&gt;</span>>false<span class="highlight-nt">&lt;/value&gt;</span></span></span><span class="highlight-line"><span class="highlight-cl"><span class="highlight-nt">&lt;/property&gt;</span></span></code></pre>
```