



AIQUM 集群采集失败，出现 trustanchor 错误

https://kb-cn.netapp.com/data-mgmt/AIQUM/AIQUM_Kbs/AIQUM_cluster_acquisitions_failing_with_tru...

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适用于

- Active IQ Unified Manager (AIQUM) 9.16 和 9.18
- OVA 和 Linux 平台

问题

- AIQUM webUI 可用，集群设置页面显示集群绿色，但集群的采集不起作用。

- AIQUM 采集服务无法连接，出现 trustanchor 错误。

- au.log 显示：

```
◦ 2026-03-25 07:53:45,281 INFO [main] c.o.s.a.f.m.CommunicationManager
  (CommunicationManager.java:420) - Could not communicate with the server;
  will retry in 10000ms
2026-03-25 07:53:55,281 INFO [main] c.o.s.a.f.m.CommunicationManager
  (CommunicationManager.java:441) - Attempting to verify server at:
  https://localhost:443
2026-03-25 07:53:55,286 WARN [main] c.o.s.a.f.m.CommunicationManager
  (CommunicationManager.java:454) - server unreachable for
  https://localhost:443 java.security.InvalidAlgorithmParameterException:
  the trustAnchors parameter must be non-empty
  at
  java.security.cert.PKIXParameters.setTrustAnchors(PKIXParameters.java:200)
  ~[?:?]
  at java.security.cert.PKIXParameters.<init>(PKIXParameters.java:120)
  ~[?:?]
  at
  java.security.cert.PKIXBuilderParameters.<init>(PKIXBuilderParameters.java:1
  ~[?:?]
  at sun.security.validator.PKIXValidator.<init>(PKIXValidator.java:99)
  ~[?:?]
  at sun.security.validator.Validator.getInstance(Validator.java:181)
  ~[?:?]
  at
  sun.security.ssl.X509TrustManagerImpl.getValidator(X509TrustManagerImpl.java
  ~[?:?]
  at
  sun.security.ssl.X509TrustManagerImpl.checkTrustedInit(X509TrustManagerImpl
  ~[?:?]
  at
  sun.security.ssl.X509TrustManagerImpl.checkTrusted(X509TrustManagerImpl.java
  ~[?:?]
  at
  sun.security.ssl.X509TrustManagerImpl.checkServerTrusted(X509TrustManagerImp
  ~[?:?]
  at
  sun.security.ssl.CertificateMessage$T13CertificateConsumer.checkServerCerts
  ~[?:?]
  at
  sun.security.ssl.CertificateMessage$T13CertificateConsumer.onConsumeCertific
  ~[?:?]
  at
  sun.security.ssl.CertificateMessage$T13CertificateConsumer.consume(Certifica
  ~[?:?]
```

```
at sun.security.ssl.SSLHandshake.consume(SSLHandshake.java:392) ~[?:?]
at sun.security.ssl.HandshakeContext.dispatch(HandshakeContext.java:443)
~[?:?]
at sun.security.ssl.HandshakeContext.dispatch(HandshakeContext.java:421)
~[?:?]
at sun.security.ssl.TransportContext.dispatch(TransportContext.java:189)
~[?:?]
at sun.security.ssl.SSLTransport.decode(SSLTransport.java:172) ~[?:?]
at sun.security.ssl.SSLSocketImpl.decode(SSLSocketImpl.java:1511) ~[?:?]
at
sun.security.ssl.SSLSocketImpl.readHandshakeRecord(SSLSocketImpl.java:1421)
~[?:?]
at sun.security.ssl.SSLSocketImpl.startHandshake(SSLSocketImpl.java:456)
~[?:?]
... 13 more
Wrapped by: java.lang.RuntimeException: Unexpected error:
java.security.InvalidAlgorithmParameterException: the trustAnchors
parameter must be non-empty
at sun.security.validator.PKIXValidator.<init>(PKIXValidator.java:102)
~[?:?]
```

- root@aiqum: file /opt/netapp/essentials/jboss/server/onaro/cert/
server.truststore
 - 输出显示 "data" 或其他内容，而不是 "Java Keystore"