



DefendX Fpolicy服务器未保持连接

https://kb-cn-stage.netapp.com/on-prem/ontap/da/NAS/NAS-KBs/DefendX_Fpolicy_server_is_not_stay...

Updated: Wed, 22 Apr 2026 07:30:28 GMT

适用场景

- ONTAP 9及更高版本
- Superna DefendX

问题描述

- ONTAP和DefendX服务器之间的网络连接未保持连接。
- 有迹象表明连接正在成功进行、但尚未保持连接。

```
::> vserver fpolicy show-engine  
(vserver fpolicy show-engine)
```

Vserver	Policy Name	Node	FPolicy Server	Server Status
Server Type				

```
vserver  
DefendX_Control_QFS
```

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```
nodea x.x.x.x disconnected primary
vserver
DefendX_Control_QFS
nodeb x.x.x.x disconnected primary
2 entries were displayed.
```

- **fpolicy-mlog :**

```
00000014.0036e723 07ea64ab Thu Jan 30 2025 21:17:50 +00:00
[kern_fpolicy:info:7767] Establish TCP connection was successful.[0x0x8066a4400]
src/fsm/fsm_external_engine.cc:5077
00000014.0036e724 07ea64ab Thu Jan 30 2025 21:17:50 +00:00
[kern_fpolicy:info:7767] Hand Shake with Version [1.0]. src/fsm/
fsm_schemas.cc:1506
00000014.0036e725 07ea64ab Thu Jan 30 2025 21:17:50 +00:00
[kern_fpolicy:warning:7767] Fpolicy server : Handshake successful for XML format
00000014.0036e726 07ea64ab Thu Jan 30 2025 21:17:50 +00:00
[kern_fpolicy:info:7767] FPolicy handshake was successful.[0x0x8066a4400] src/
fsm/fsm_external_engine.cc:5087
```

- **然后 :**

```
00000014.0036e72a 07ea64ab Thu Jan 30 2025 21:17:51 +00:00
[kern_fpolicy:error:7767] Read returned error with errno[4] [0x0x8066a2f00] src/
fsm/fsm_external_engine.cc:1075
00000014.0036e72b 07ea64ab Thu Jan 30 2025 21:17:51 +00:00
[kern_fpolicy:error:7767] readMsg returned error while reading the message length
response from FPolicy server [0x0x8066a2f00] src/fsm/fsm_external_engine.cc:6811
00000014.0036e72c 07ea64ab Thu Jan 30 2025 21:17:51 +00:00
[kern_fpolicy:info:7767] [virtual smdb_error
fpolicy_appcfg_server_status_db_iterator::notify_imp(smdb_cdb_iterator::operation)]
operation: [modify], policy: [76]
00000014.0036e72d 07ea64ab Thu Jan 30 2025 21:17:51 +00:00
[kern_fpolicy:info:7767] updateStatusTable[disconnect]:: Modified entry vs[3]
policy[DefendX_Control_QFS] server[x.x.x.x] [0x0x8066a2f00] src/fsm/
fsm_external_engine.cc:5012
00000014.0036e72e 07ea64ab Thu Jan 30 2025 21:17:51 +00:00
[kern_fpolicy:info:7767] Server DISCONNECTED with retVal = 9329. [0x0x8066a2f00]
src/fsm/fsm_task.cc:2668
00000014.0036efab 07eab91e Thu Jan 30 2025 21:53:51 +00:00
[kern_fpolicy:info:7767] [virtual smdb_error
fpolicy_appcfg_server_status_db_iterator::notify_imp(smdb_cdb_iterator::operation)]
operation: [modify], policy: [76]
00000014.0036efac 07eab91e Thu Jan 30 2025 21:53:51 +00:00
[kern_fpolicy:info:7767] Server state changed to 5. [0x0x80728a700] src/fsm/
fsm_task.cc:466
000000014.0036efad 07eab91e Thu Jan 30 2025 21:53:51 +00:00
[kern_fpolicy:error:7767] connect failed. errno = 61 [0x0x8066a4400] src/fsm/
fsm_external_engine.cc:5429
```

- **audy-mlog :**

```
00000015.02ccf216 07ea32ae Thu Jan 30 2025 21:17:48 +00:00 [kern_audit:info:3528]
8503e8000017cdb6 :: cluster:ontapi :: x.x.x.x:54272 :: vserver:domain\user ::
```

```

<netapp nmsdk_language="C" nmsdk_platform="Windows Server 2019 Standard AMD64"
version="1.15" xmlns="http://www.netapp.com/filer/admin" nmsdk_version="9.8P3"
vfiler="vserver"><fpolicy-enable-policy><policy-name>DefendX_Control_QFS</policy-
name><sequence-number>10</sequence-number></fpolicy-enable-policy></netapp> ::
Pending:
00000015.02ccf219 07ea32ae Thu Jan 30 2025 21:17:48 +00:00 [kern_audit:info:3528]
8503e8000017cdb6 :: cluster:ontapi :: x.x.x.x:54272 :: vserver:domain\user ::
fpolicy-enable-policy :: Success:
00000015.02ccf229 07ea32ae Thu Jan 30 2025 21:17:50 +00:00 [kern_audit:info:3528]
8003e8000007e192:8003e8000007e194 :: cluster:ssh :: 30.58.208.207:42612 ::
cluster:admin :: Logging out :: Success
00000015.02ccf233 07ea32ae Thu Jan 30 2025 21:17:50 +00:00 [kern_audit:info:3528]
8503e8000017cdbf :: cluster:ontapi :: x.x.x.x:54277 :: vserver:domain\user ::
<netapp nmsdk_language="C" nmsdk_platform="Windows Server 2019 Standard AMD64"
version="1.15" xmlns="http://www.netapp.com/filer/admin" nmsdk_version="9.8P3"
vfiler="vserver"><fpolicy-server-connect><policy-
name>DefendX_Control_QFS</policy-
name><server>x.x.x.x</server><node>nodea</node></fpolicy-server-connect></netapp>
:: Pending:
00000015.02ccf235 07ea32ae Thu Jan 30 2025 21:17:50 +00:00 [kern_audit:info:3528]
8503e8000017cdbf :: cluster:ontapi :: x.x.x.x:54277 :: vserver:domain\user ::
fpolicy-server-connect :: Error: The specified server "x.x.x.x" is already
connected.
00000015.02ccf238 07ea32ae Thu Jan 30 2025 21:17:50 +00:00 [kern_audit:info:3528]
8503e8000017cdc1 :: cluster:ontapi :: x.x.x.x:54278 :: vserver:domain\user ::
<netapp nmsdk_language="C" nmsdk_platform="Windows Server 2019 Standard AMD64"
version="1.15" xmlns="http://www.netapp.com/filer/admin" nmsdk_version="9.8P3"
vfiler="vserver"><fpolicy-server-connect><policy-
name>DefendX_Control_QFS</policy-
name><server>x.x.x.x</server><node>nodeb</node></fpolicy-server-connect></netapp>
:: Pending:
00000015.02ccf23a 07ea32ae Thu Jan 30 2025 21:17:50 +00:00 [kern_audit:info:3528]
8503e8000017cdc1 :: cluster:ontapi :: x.x.x.x:54278 :: vserver:domain\user ::
fpolicy-server-connect :: Error: The specified server "x.x.x.x" is already
connected.

```

- 在运行相同版本的ONTAP 和相同版本的DefendX的多个集群上发生。
- 不会在所有Vserver上发生、也不会执行初始连接时始终发生