

EMC VNX

Last update 02/21/2013

### Requirements:

Naviseccli must be installed on the Watch4net collector host system, as Naviseccli commands are used to communicate with the VNX. EMC recommends matching Naviseccli versions with Block Operating Environment versions of VNX systems configured in Watch4net collector. For information on compatible Block OE and Naviseccli versions, please see the VNX OE for Block Release Notes and the Unisphere Host Agent/CLI and Utilities Release Notes located on EMC Online Support.

For block and unified data collection, you must enable statistics logging on the array. To enable statistic logging, refer to Unisphere documentation.

Naviseccli binaries can be found on EMC's support site, at:

[https://support.emc.com/downloads/7948\\_Navisphere](https://support.emc.com/downloads/7948_Navisphere)

### Known issues:

- You may observe in collector logs a message similar to:

```
SEVERE -- [2013-02-20 15:30:05 EST] -- FileDownloadingTask::run(): Could not download file(s) from SFTP
server on directory '/tmp/w4n_data/5min/APM00112100464'.
com.watch4net.apg.file.retriever.ClientException: Could not download file(s) from SFTP server on directory
'/tmp/w4n_data/5min/APM00112100464'.
    at com.watch4net.apg.file.retriever.protocol.SFTPClient.retrieveFiles(SFTPClient.java:437)
    at com.watch4net.apg.file.retriever.FileDownloadingTask.run(FileDownloadingTask.java:161)
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:439)
    at java.util.concurrent.FutureTask$Sync.innerRunAndReset(FutureTask.java:317)
    at java.util.concurrent.FutureTask.runAndReset(FutureTask.java:150)
    at
java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.access$101(ScheduledThreadPoolExecuto
r.java:98)
    at
java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.runPeriodic(ScheduledThreadPoolExecut
or.java:180)
    at
java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:
204)
    at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(ThreadPoolExecutor.java:886)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:908)
    at java.lang.Thread.run(Thread.java:662)
Caused by: com.trilead.ssh2.SFTPException: No such file (SSH_FX_NO_SUCH_FILE: A reference was made to a
file which does not exist.)
    at com.trilead.ssh2.SFTPV3Client.openDirectory(SFTPV3Client.java:823)
    at com.trilead.ssh2.SFTPV3Client.ls(SFTPV3Client.java:930)
    at com.watch4net.apg.file.retriever.protocol.SFTPClient.retrieveFiles(SFTPClient.java:320)
    ... 10 more
com.watch4net.apg.v2.collector.plugins.propertytaggingfilter.webservice.jaxws.AddResponse
```

The issue can be observed on initial polling, after collector startup. The behavior is normal, and can be ignored. If message repeats often, it can indicate a problem with the data collection.