

Überprüfen Sie Ihre Clients mit dem Befehl 'nsradmin -C'

Soweit ich mich erinnere, wurde diese Art der Verifikation erst mit der NetWorker Version 9.1 eingeführt. Diese Variante des Befehls `nsradmin` überprüft vor allem die Verbindung der Clients zum Server, zu den Storage Nodes und zu den Speichereinheiten (z.B. zu einer Data Domain).

Dies ist die allgemeine Syntax - beachten Sie das große 'C' :

```
nsradmin -s [nw_server] -C "type: nsr client" [> file] [2>&1]
```

Und hier ein Anwendungsbeispiel, ausgeführt am NetWorker Server:

```
D:\>nsradmin -C "type: nsr client" >C:\temp\client_summary.txt 2>&1
```

```
D:\>type C:\temp\client_summary.txt
```

```
Validate "nsr client" resources
```

```
Synopsis: For each NSR client resource in 16-nw92.eval.local's NSR database: //
  verify their 'name', 'aliases', 'storage nodes' and 'server network //
  interface' attributes have properly configured DNS entries then attempt to //
  connect to each address on port 7938. Additionally, compare the NSR client //
  name attribute with the one stored in the client's NSRLA database and //
  verify local and client system times are in sync.
```

```
Client 1 of 8
```

```
Name: 08r2-node2
```

```
Client ID: 38c5a1ab-00000004-5a003320-5a00c20e-00030c00-5f7ecc29
```

```
Canonical hostname:          08r2-node2.eval.local
IP Address:                  195.214.70.46 (0,001 sec)
Host Name (reverse lookup):  08r2-node2.eval.local (0,000 sec)
Ping (port 7938):           Success (0,007 sec)
Name matches NSRLA resource: Yes
Client time synchronized:    Yes
```

```
Alias: 08r2-node2
```

```
Skipped
```

```
Alias: 08r2-node2.eval.local
```

```
Canonical hostname:          08r2-node2.eval.local
IP Address:                  195.214.70.46 (0,001 sec)
Host Name (reverse lookup):  08r2-node2.eval.local (0,000 sec)
Ping (port 7938):           Success (0,016 sec)
```

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```

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Client 2 of 8

Name: 08r2-node1

Client ID: 4a0d4a31-00000004-5a00331f-5a00c1d1-00020c00-5f7ecc29

Canonical hostname: 08r2-node1.eval.local
IP Address: 195.214.70.45 (0,000 sec)
Host Name (reverse lookup): 08r2-node1.eval.local (0,000 sec)
Ping (port 7938): Success (0,001 sec)
Name matches NSRLA resource: Yes
Client time synchronized: Yes

Alias: 08r2-node1

Skipped

Alias: 08r2-node1.eval.local

Canonical hostname: 08r2-node1.eval.local
IP Address: 195.214.70.45 (0,001 sec)
Host Name (reverse lookup): 08r2-node1.eval.local (0,000 sec)
Ping (port 7938): Success (0,002 sec)

Client 3 of 8

Name: 16-nw92.eval.local

Client ID: a933cfcd-00000004-5a00331e-5a00331d-00010c00-5f7ecc29

Canonical hostname: 16-nw92.eval.local
IP Address: ::1 (0,001 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,000 sec)
IP Address: 195.214.70.212 (0,000 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,013 sec)
Name matches NSRLA resource: Yes
Client time synchronized: Yes

Alias: 16-nw92

Canonical hostname: 16-nw92.eval.local
IP Address: ::1 (0,000 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,002 sec)
IP Address: 195.214.70.212 (0,002 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,015 sec)

Alias: 16-nw92.eval.local

Skipped

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Client 4 of 8

Name: 16-nw92.eval.local

Client ID: a933cfcfd-00000004-5a00331e-5a00331d-00010c00-5f7ecc29

Canonical hostname: 16-nw92.eval.local
IP Address: ::1 (0,000 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,014 sec)
IP Address: 195.214.70.212 (0,014 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,000 sec)
Name matches NSRLA resource: Yes
Client time synchronized: Yes

Alias: 16-nw92

Canonical hostname: 16-nw92.eval.local
IP Address: ::1 (0,000 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,003 sec)
IP Address: 195.214.70.212 (0,003 sec)
Host Name (reverse lookup): 16-nw92.eval.local (0,000 sec)
Ping (port 7938): Success (0,000 sec)

Alias: 16-nw92.eval.local

Skipped

Client 5 of 8

Name: centos65

Client ID: a2053141-00000004-5a12a913-5a12a912-008b0c00-5f7ecc29

Canonical hostname: centos65.eval.local
IP Address: 195.214.70.65 (0,001 sec)
Host Name (reverse lookup): centos65.eval.local (0,000 sec)
Ping (port 7938): Failed

* Unable to connect to 195.214.70.65: A connection attempt failed because //
the connected party did not properly respond after a period of time, or //
established connection failed because connected host has failed to respond.

Alias: centos65

Skipped

Alias: centos65.eval.local

Canonical hostname: centos65.eval.local
IP Address: 195.214.70.65 (0,001 sec)
Host Name (reverse lookup): centos65.eval.local (0,000 sec)
Ping (port 7938): Skipped

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Client 6 of 8

Name: redhat7

Client ID: 0c7bd365-00000004-5a003324-5a01655f-00160c00-5f7ecc29

Canonical hostname: redhat7
IP Address: 195.214.70.194 (0,001 sec)
Host Name (reverse lookup): redhat7 (0,000 sec)
Ping (port 7938): Failed

* Unable to connect to 195.214.70.194: A connection attempt failed because // the connected party did not properly respond after a period of time, or // established connection failed because connected host has failed to respond.

Alias: redhat7

Skipped

Client 7 of 8

Name: 16-client1

Client ID: 2703135c-00000004-5a003321-5a00c22f-00040c00-5f7ecc29

Canonical hostname: 16-client1.eval.local
IP Address: 195.214.70.213 (0,001 sec)
Host Name (reverse lookup): 16-client1.eval.local (0,000 sec)
Ping (port 7938): Failed

* Unable to connect to 195.214.70.213: A connection attempt failed because // the connected party did not properly respond after a period of time, or // established connection failed because connected host has failed to respond.

Alias: 16-client1

Skipped

Alias: 16-client1.eval.local

Canonical hostname: 16-client1.eval.local
IP Address: 195.214.70.213 (0,001 sec)
Host Name (reverse lookup): 16-client1.eval.local (0,000 sec)
Ping (port 7938): Skipped

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Client 8 of 8
Name: centos7
Client ID: 71185c20-00000004-5a003323-5a00c2a5-00060c00-5f7ecc29

Canonical hostname: centos7.eval.local
IP Address: 195.214.70.192 (0,001 sec)
Host Name (reverse lookup): centos7.eval.local (0,000 sec)
Ping (port 7938): Failed

* Unable to connect to 195.214.70.192: A connection attempt failed because //
the connected party did not properly respond after a period of time, or //
established connection failed because connected host has failed to respond.

Alias: centos7

Skipped

Alias: centos7.eval.local

Canonical hostname: centos7.eval.local
IP Address: 195.214.70.192 (0,001 sec)
Host Name (reverse lookup): centos7.eval.local (0,000 sec)
Ping (port 7938): Skipped

Summary:

NSR client resources checked:	8
Names checked:	8
Name mismatch errors:	0
Time synchronization errors:	0
RAP connect errors:	0
RAP query errors:	0
Forward lookup errors:	0
Reverse lookup errors:	0
Ping errors:	4

Names with ping errors: 16-client1, centos65, centos7, redhat7

Aliases checked:	7
Forward lookup errors:	0
Reverse lookup errors:	0
Ping errors:	0

Server Network Interfaces checked:	0
Forward lookup errors:	0
Reverse lookup errors:	0
Ping errors:	0

Storage Nodes checked:	0
Forward lookup errors:	0
Reverse lookup errors:	0
Ping errors:	0

Total errors: 4

C:\>

Zum Schluß bleibt mir nur anzumerken, daß Sie nicht immer alle Clients überprüfen müssen - wenn Sie den Namen aufführen, können Sie die Prüfung auf einen beschränken.

Hierbei entspricht die Syntax genau der, wie Sie sie auch unter `nsradmin` anwenden würden:

```
nsradmin -C "type: nsr client; name: client"
```



Allerdings sollten Sie nicht mehrere Clientnamen angeben!

```
nsradmin -C "type: nsr client; name: client1; name: client2 ..."
```

Ihre Eingabe wird zwar akzeptiert - jedoch wird immer nur der letzte Name überprüft.

Probieren Sie es aus!