

## Jetzt können Sie den Befehl 'nsradmin' auch für diverse Check-Operationen verwenden !

Seit einiger Zeit (NetWorker 8.2.0 ?) können Sie mit dem Befehl

```
nsradmin -C "resource_type"
```

auch verschiedene Konfigurationen überprüfen. Ursprünglich entwickelt wurde diese Funktionalität, um die in den Resource-Dateien gespeicherten Client IDs mit denen der Medien-Datenbank abzugleichen.

Ab dem NetWorker 8.2.1.6 lassen sich jetzt auch die Storage Node Einstellungen prüfen. Weitere Prüfungen hat EMC bereits angekündigt.

Auf den nächsten Seiten finden Sie Beispiele für Checks an einem frisch installierten NetWorker 9.0 Server ...

```
E:\nsr\bin>nsradmin -C "nsr client"
```

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

```
Synopsis: For each NSR client resource in nw90-2008.test64.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 data base and verify local and client system times are in sync.
```

```
Client 1 of 3
```

```
Name: nw90-2008.test64.local
```

```
Client ID: fb0b2b87-00000004-561d008f-561d008e-00010c00-3c09e229
```

```
Canonical hostname:      nw90-2008.test64.local
IP Address:              195.214.70.186 (0.001 sec)
Host Name (reverse lookup): nw90-2008.test64.local (0.000 sec)
Ping (port 7938):       Success (0.000 sec)
Name matches NSRLA resource: Yes
Client time synchronized: N/A (system time attribute missing)
```

```
Alias: nw90-2008
```

```
Canonical hostname:      nw90-2008.test64.local
IP Address:              195.214.70.186 (0.000 sec)
Host Name (reverse lookup): nw90-2008.test64.local (0.000 sec)
Ping (port 7938):       Success (0.000 sec)
```

```
Alias: nw90-2008.test64.local
```

```
Skipped
```

```
.....
```

.....

Client 2 of 3

Name: nw90-2008.test64.local

Client ID: fb0b2b87-00000004-561d008f-561d008e-00010c00-3c09e229

Canonical hostname: nw90-2008.test64.local  
IP Address: 195.214.70.186 (0.000 sec)  
Host Name (reverse lookup): nw90-2008.test64.local (0.000 sec)  
Ping (port 7938): Success (0.000 sec)  
Name matches NSRLA resource: Yes  
Client time synchronized: N/A (system time attribute missing)

Alias: nw90-2008

Canonical hostname: nw90-2008.test64.local  
IP Address: 195.214.70.186 (0.000 sec)  
Host Name (reverse lookup): nw90-2008.test64.local (0.000 sec)  
Ping (port 7938): Success (0.000 sec)

Alias: nw90-2008.test64.local

Skipped

Client 3 of 3

Name: nw90-2012

Client ID: 6c4d49e6-00000004-561d0090-561d108a-00030c00-3c09e229

Canonical hostname: nw90-2012.test64.local  
IP Address: 195.214.70.185 (0.000 sec)  
Host Name (reverse lookup): nw90-2012.test64.local (0.000 sec)  
Ping (port 7938): Success (0.005 sec)  
Name matches NSRLA resource: No

.....

.....

\* The NSRLA resource for nw90-2012 is configured with the name attribute "networker90-win.test64.local" which does not map to the same host. It may be necessary to delete the NSRLA database on nw90-2012 to correct this misconfiguration.

Client time synchronized: N/A (system time attribute missing)

Alias: nw90-2012

Skipped

Alias: nw90-2012.test64.local

Canonical hostname: nw90-2012.test64.local  
IP Address: 195.214.70.185 (0.000 sec)  
Host Name (reverse lookup): nw90-2012.test64.local (0.000 sec)  
Ping (port 7938): Success (0.001 sec)

Summary:

NSR client resources checked: 3

Names checked: 3

Name mismatch errors: 1

Time synchronization errors: 0

RAP errors: 0

Forward lookup errors: 0

Reverse lookup errors: 0

Ping errors: 0

Clients with errors: nw90-2012

.....

```
.....
Aliases checked:                3
  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:                    1

E:\nsr\bin>
```

```
E:\nsr\bin>nsradmin -C "nsr storage node"
```

```
Validate "nsr storage node" resources
```

```
Synopsis: For each NSR Storage Node resource in nw90-2008.test64.local's NSR database: verify its name is  
resolvable using DNS and list all configured devices
```

```
Storage Node 1 of 1  
Name: nw90-2008.test64.local  
Version: 9.0.0.0
```

```
Canonical hostname:      nw90-2008.test64.local  
IP Address:              195.214.70.186 (0.000 sec)  
Host Name (reverse lookup): nw90-2008.test64.local (0.000 sec)  
Ping (port 7938):       Success (0.000 sec)
```

```
Device 1 of 1  
Name:      Z:\FTD_1  
Enabled:   Yes  
Type:      file
```

```
NSR Storage Node resources checked:      1
```

```
Names checked:      1  
  RAP errors:      0  
  Forward lookup errors: 0  
  Reverse lookup errors: 0  
  Ping errors:      0
```

```
Devices checked:    1  
  Access errors:    0
```

```
Total errors:      0
```

```
E:\nsr\bin>
```

