

Der bessere Linux 'ps' Befehl!

'Der Mensch ist ein Gewohnheitstier.' - Was sich als gut erwiesen hat, benutzt er immer wieder. Leider kann er sich damit beim NetWorker gelegentlich auch die Zähne ausbeißen.

So habe ich z.B. jahrelang diesen Befehl benutzt, um die aktiven NetWorker Daemons zu überprüfen - mit den NMC Prozessen gibt es seit dem NetWorker 8.0 leider recht unübersichtliche Ergebnisse:

```

root@centos7-nw181:~# ps -ef | grep nsr
nsrnmcc 1898      1 0 Sep14 ?        00:00:29 /opt/igtommc/apache/bin/httpd -f /opt/igtommc/apache/conf/httpd.conf
nsrnmcc 1899    1898 0 Sep14 ?        00:00:00 /opt/igtommc/apache/bin/httpd -f /opt/igtommc/apache/conf/httpd.conf
postgres 2129      1 0 Sep14 ?        00:00:18 /opt/igtommc/postgres/bin/postgres -D /nsr/nmc/nmcdb/pgdata
root     8461      1 0 Sep14 ?        00:02:05 /usr/sbin/nsrexecd
root     8482      1 0 Sep14 ?        00:01:34 /usr/sbin/nsrctld
root     8489    8482 0 Sep14 ?        00:00:08 /opt/nsr/rabbitmq-server-3.2.4/erts-5.10.4/bin/epmd
root     8503    8482 0 Sep14 ?        00:00:00 /bin/sh /opt/nsr/rabbitmq-server-3.2.4/bin/rabbitmq-server start
root     8507    8503 0 Sep14 ?        00:36:12 /opt/nsr/rabbitmq-server-3.2.4/sbin/./erts-5.10.4/bin/./etc/erts-5.10.4/bin/beam.smp -W w -K true -A30 -P
1048576 -- -root /opt/nsr/rabbitmq-server-3.2.4/sbin/./erts-5.10.4/bin/./etc/erts-5.10.4/bin/./etc/erts-5.10.4/bin/beam.smp -W w -K true -A30 -P
././ebin -noshell -noinput -s rabbit boot -sname rabbit@centos7-nw181 -boot /opt/nsr/rabbitmq-server-3.2.4/sbin/./releases/3.2.4/start_sasl -kernel inet_def
ault_connect_options [{nodelay,true}] -sasl errlog_type error -sasl sasl_error_logger false -rabbit error_logger {file,"/opt/nsr/rabbitmq-server-3.2.4/sbin/
./var/log/rabbitmq/rabbit@centos7-nw181.log"} -rabbit sasl_error_logger {file,"/opt/nsr/rabbitmq-server-3.2.4/sbin/./var/log/rabbitmq/rabbit@centos7-nw181-s
asl.log"} -rabbit enabled_plugins_file "/opt/nsr/rabbitmq-server-3.2.4/sbin/./etc/rabbitmq/enable_plugins" -rabbit plugins_dir "/opt/nsr/rabbitmq-server-3.
2.4/sbin/./plugins" -rabbit plugins_expand_dir "/opt/nsr/rabbitmq-server-3.2.4/sbin/./var/lib/rabbitmq/mnesia/rabbit@centos7-nw181-plugins-expand" -os_mon
start_cpu_sup false -os_mon start_disksup false -os_mon start_memsup false -mnesia_dir "/opt/nsr/rabbitmq-server-3.2.4/sbin/./var/lib/rabbitmq/mnesia/rabbit
@centos7-nw181"
nsrtomcat 8597    8482 0 Sep14 ?        00:00:00 jsvc.exec -nodetach --add-modules=java.se.ee --illegal-access=permit -classpath /opt/nsr/authc-server/tomcat
t/bin/bootstrap.jar:/opt/nsr/authc-server/tomcat/bin/tomcat-juli.jar -pidfile /nsr/authc/authc-tomcat.pid -Dcatalina.home=/opt/nsr/authc-server/tomcat -Dcata
lina.base=/nsr/authc -Dauthc.server.datasource.location=/nsr/authc/data/authcdb -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djava.util
.logging.config.file=/nsr/authc/conf/logging.properties -Djava.locale.providers=COMPAT -XX:+IgnoreUnrecognizedVMOptions org.apache.catalina.startup.Bootstrap
nsrtomcat 8602    8597 11 Sep14 ?        18:06:36 jsvc.exec -nodetach --add-modules=java.se.ee --illegal-access=permit -classpath /opt/nsr/authc-server/tomcat
t/bin/bootstrap.jar:/opt/nsr/authc-server/tomcat/bin/tomcat-juli.jar -pidfile /nsr/authc/authc-tomcat.pid -Dcatalina.home=/opt/nsr/authc-server/tomcat -Dcata
lina.base=/nsr/authc -Dauthc.server.datasource.location=/nsr/authc/data/authcdb -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djava.util
.logging.config.file=/nsr/authc/conf/logging.properties -Djava.locale.providers=COMPAT -XX:+IgnoreUnrecognizedVMOptions org.apache.catalina.startup.Bootstrap
root     8623    8482 0 Sep14 ?        00:01:26 nsrvisd --program-log-level=debug -i -inventory -p 88
root     8634    4191 0 Sep14 pts/0    00:06:18 nsrwatch
root     8641    8482 0 Sep14 ?        00:05:26 /usr/sbin/nsrd
root     8663    8641 0 Sep14 ?        00:11:33 /usr/java/latest/bin/java -cp /usr/sbin/oncrpc.jar:/usr/sbin/auth_proxy.jar:/usr/sbin/auth-client-proxy-
with-dependencies.jar:COM.emc.nsr.authproxy.AuthProxyServer 7999 /nsr/tmp/lock/auth_proxy.lock-8641
root     8689    8641 0 Sep14 ?        00:03:24 /usr/sbin/nsrmmdbd
root     8700    8641 0 Sep14 ?        00:00:02 /usr/sbin/nsrindexd
root     8702    8482 0 Sep14 ?        00:54:29 /usr/java/latest/bin/java -Xmx1G -Dnode.authServicePort=9090 -jar /opt/nsr/hyperv-flr-ui/hyperv-flr-ui.jar
root     8726    8641 0 Sep14 ?        00:00:09 /usr/sbin/nsrdispd
root     8745    8641 0 Sep14 ?        00:03:09 /usr/sbin/nsrjobd
root     8832    8461 0 Sep14 ?        00:00:31 /usr/sbin/nsrlogd
root     8860    8641 0 Sep14 ?        00:03:22 /usr/sbin/nsrvmwsd
root     9152      1 0 Sep14 ?        00:05:35 /usr/sbin/nsrmmmd -b 2 -N 504718337 -n 2 -s centos7-nw181 -t centos7-nw181
root     38894   8461 0 14:49 ?        00:00:00 /usr/sbin/nsrnmmd -s centos7-nw181 -M 655 -n 504718337 -N 1 -R
root     39674   39561 0 14:54 pts/2    00:00:00 grep --color=auto nsr

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Das Bild wird jedoc gleich viel übersichtlicher, wenn Sie auch noch den Pfad mit angeben:

```

root@centos7-nw181:~# ps -ef | grep /usr/sbin/nsr
root     8461      1 0 Sep14 ?        00:02:05 /usr/sbin/nsrexecd
root     8482      1 0 Sep14 ?        00:01:34 /usr/sbin/nsrctld
root     8641    8482 0 Sep14 ?        00:05:26 /usr/sbin/nsrd
root     8689    8641 0 Sep14 ?        00:03:24 /usr/sbin/nsrmmdbd
root     8700    8641 0 Sep14 ?        00:00:02 /usr/sbin/nsrindexd
root     8726    8641 0 Sep14 ?        00:00:09 /usr/sbin/nsrdispd
root     8745    8641 0 Sep14 ?        00:03:09 /usr/sbin/nsrjobd
root     8832    8461 0 Sep14 ?        00:00:31 /usr/sbin/nsrlogd
root     8860    8641 0 Sep14 ?        00:03:22 /usr/sbin/nsrvmwsd
root     9152      1 0 Sep14 ?        00:05:35 /usr/sbin/nsrmmmd -b 2 -N 504718337 -n 2 -s centos7-nw181 -t centos7-nw181
root     38894   8461 0 14:49 ?        00:00:00 /usr/sbin/nsrnmmd -s centos7-nw181 -M 655 -n 504718337 -N 1 -R
root     39806   39561 0 14:56 pts/2    00:00:00 grep --color=auto /usr/sbin/nsr

```

Diesen Kniff sollten Sie sich vielleicht auch angewöhnen ...