



EMC® NetWorker®
Module for SAP with Oracle

Release 3.5
Multiplatform Version

Command Reference Guide

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Audience This guide is part of the EMC NetWorker[®] Module for SAP with Oracle (NMSAP) documentation set, and is intended for use by system administrators during installation and system configuration of the NMSAP software.

Readers of this document are expected to be familiar with the following topics:

- ◆ SAP terminology and concepts, especially those related to Oracle database backup and recovery
- ◆ Backup and recovery procedures
- ◆ Disaster recovery procedures

Related documentation Documentation related to the use of this product can be found at the EMC[®] website, <http://Powerlink.EMC.com>, including:

- ◆ The NetWorker Module for SAP with Oracle release 3.5 documentation set:
 - Administration guide
 - Installation guide
 - Release notes
 - Command reference guide
- ◆ The NetWorker documentation set:
 - Administration guide
 - Installation guide
 - Release notes
 - Command reference guide
 - Disaster recovery guide
- ◆ Other EMC documentation:
 - NetWorker PowerSnap Module documentation
 - Software compatibility guide
 - UNIX man pages

Where to get help

EMC support, product, and licensing information can be obtained as follows.

Product information — For documentation, release notes, software updates, or for information about EMC products, licensing, and service, go to the EMC Powerlink website (registration required) at:

<http://Powerlink.EMC.com>

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maintenance procedures

BACKINT (8)

NAME

backint - NetWorker Module for SAP with Oracle (NMSAP) stand-alone binary that implements SAP BC-BRI BACKINT Interface for Oracle database.

SYNOPSIS

backint

DESCRIPTION

The **backint** command should be invoked only by SAP BRTools. Please refer to the SAP manuals for information on how to backup, restore, and recover Oracle data, and how to inquire about existing backups.

NAME

nsrsapadm - NetWorker Module for SAP with Oracle (NMSAP) scheduled backup administrative program

SYNOPSIS

nsrsapadm -c *filename*

DESCRIPTION

nsrsapadm is a command-line based program that encrypts the SAP user's username and password into the NMSAP scheduled backup configuration file *filename*.

The **nsrsapadm** command encrypts the SAP user's operating system username and password, as well as the SAP user's Oracle username and password when the environment is configured for database authentication.

When **nsrsapadm** is launched, you are first prompted to enter the SAP user's operating system username and password, which are encrypted into the value of the OS_USR_PASSWD parameter in the configuration file *filename*. If the parameter already exists in the file, it is overwritten.

You are then prompted to answer the following question:

"Is Oracle Database Authentication used? <Y/N>: "

If your Oracle environment is configured to use database authentication, type **y** or **Y** and follow the instructions to enter the SAP user's Oracle username and password, which are encrypted into the ORACLE_USR_PASSWD parameter in the configuration file *filename*. If the parameter already exists in the file, it is overwritten.

If your environment does not use database authentication, enter 'n' or 'N' and follow the instructions to clean up the scheduled backup configuration file if necessary.

For a complete description on setting the username and password for NMSAP scheduled backups, see the NetWorker Module for SAP with Oracle Administrator's Guide.

OPTIONS

-c *filename*

Specifies the location and name of the NMSAP scheduled backup configuration file into which the username and password will be encrypted. If the file does not exist, it will be created.

SEE ALSO

nsrsapsv(8)

maintenance procedures

NSRSAPSV(8)

NAME

nsrsapsv - NetWorker Module for SAP with Oracle (NMSAP) scheduled backup command

SYNOPSIS

nsrsapsv -f *filename*

DESCRIPTION

The **nsrsapsv** command provides scheduled backups of SAP with Oracle databases.

nsrsapsv command should not be launched from the command line. It should only be entered in the Backup Command attribute field in the NetWorker Client Resource configured for a NMSAP scheduled backup.

For a complete description of the NMSAP scheduled backup configuration, see the NetWorker Module for SAP with Oracle Administrator's Guide.

OPTIONS

-f *filename*

Specifies the absolute path and filename of the NMSAP scheduled backup configuration file. This file contains information that is required for NMSAP to find the appropriate SAP with Oracle environment.

For a complete description of the scheduled backup configuration file, see the NetWorker Module for SAP with Oracle Administrator's Guide.

SEE ALSO

nsrsapadm(8), **backint(8)**

NAME

sapclone - NetWorker Module for SAP with Oracle (NMSAP) command to clone NMSAP save sets

SYNOPSIS

sapclone [**-a**] [**-b pool**] [**-c client**] [**-n**] [**-s server**] **-u user**

DESCRIPTION

The **sapclone** command is used to clone save sets created by the NMSAP interface. The **sapclone** program can be run from either the NetWorker server or the SAP server running Oracle. If periodic execution is desired, the **sapclone** command can be scheduled by **cron(1m)** or some other scheduling mechanism.

The **sapclone** command works with **nsrclone** to write the cloned data to NetWorker server.

OPTIONS**-a**

Clone all SAP save set, not just those from the past 24 hours.

-b pool

Clone to this pool instead of the default clone pool.

-c client

Clone data belonging to the given client. NetWorker uses the client's file index to find and clone the client's data.

This option should be used for cloning data backed up from a cluster. For example, you may want to set this option to the name of the cluster's virtual node.

-n

Test the clone operation. It doesn't actually initiate the cloning operation.

-s server

Clone data to the specified NetWorker server.

-u user

Clone data identified by the specified user ID.

SEE ALSO

cron(1m), **nsrclone(8)**, **nsr_pool(5)**,