Oracle® Strategic Network Optimization

Installation Guide

Release 12.2

Part No. E48786-01

September 2013

ORACLE

Oracle Strategic Network Optimization Installation Guide, Release 12.2

Part No. E48786-01

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Primary Author: Kyle MacLean

Contributing Author: Alex Kim

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Preface

Intended Audience

Welcome to Release 12.2 of the *Oracle Strategic Network Optimization Installation Guide.*

See Related Information Sources on page vii for more Oracle E-Business Suite product information.

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1

Installing Strategic Network Optimization for Windows

This chapter covers the following topics:

- About this Document
- Installing the Application
- Setting Environment Variables for Start-Up Scripts
- Setting the HOME Environment Variable
- Uninstalling Strategic Network Optimization

About this Document

This document applies to Oracle Strategic Network Optimization 12.1. Information in this document pertains to Oracle Strategic Network Optimization on Windows and UNIX.

Installing the Application

Preinstallation Requirements

You must determine your deployment method, hardware, and software requirements prior to installing Strategic Network Optimization.

> **Note:** For more information about deployment methods, hardware, and software requirements, see Oracle Value Chain Planning 12.2 Hardware and Software Guide, and the Minimum Technical Requirements.

To install Strategic Network Optimization for Windows, perform the following:

1. Log in as the administrator.
2. Launch the install.exe file.
3. In the Introduction window, Click Next. The install program starts.
4. In the Choose SCP Suite Folder window, specify the installation directory and click Next.

   Strategic Network Optimization is installed in a \scp\12.1\sno directory under the directory that you specify. Strategic Network Optimization startup scripts are stored in \scp\12.1\common\start under the directory that you specify.
5. Review the information on the Pre-Installation Summary window and ensure that you have enough disk space for the installation.

   To continue with the installation, click Install.
6. In the Install Complete window click Done.

If errors occur during installation, they are logged in the file Strategic_Network_Optimization_12.1_InstallLog.log in \scp\12.2 under the directory that you specify.

Starting Strategic Network Optimization

From the Start menu, choose Programs, Oracle Value Chain Planning 12.1, Strategic Network Optimization, and Strategic Network Optimization.

Setting Environment Variables for Start-Up Scripts

If you are running Strategic Network Optimization using your own start-up scripts, you must specify the location of some Strategic Network Optimization files by setting the following environment variable:

- LINXHOME (specifies the location of the current version of SNO)

You must also specify the location of the shared libraries by modifying the PATH environment variable:

- PATH (specifies the location of shared libraries)

There is a common installation directory that can be used to simplify the environment variables. For example, if the directory specified during installation is \numetrix, then there is a directory named scp installed below it. You can define an environment variable named SCP_HOME that points to \numetrix\scp to simplify environment variable paths.

To run Strategic Network Optimization 12.1 with your own start-up scripts, add the

following environment variables to these scripts:

```
set SCP_HOME= directory specified during installation\scp
set SCP_COMMON= %SCP_HOME%\12.1\common
set LINXHOME= %SCP_HOME%\12.1\sno
```

You must also specify the location of the shared libraries by modifying the PATH environment variable:

```
set PATH=%SCP_COMMON%\bin;%SCP_COMMON%\bin_64;%PATH%
```

To use the SCBM connector, you must specify the following environment variable:

```
set TCL_LIBRARY= %SCP_COMMON%\lib\tcl8.4
```

For the default publishing profiles to function properly, you must specify the following environment variable:

```
set PROFILEIODIR= %SCP_COMMON%\lib\sno\metadata
```

Setting the HOME Environment Variable

Strategic Network Optimization uses the HOME environment variable to specify the user's home directory which contains the following items:

- the linx.smart file
- the linx.startup file
- the linx.ini file which stores recently used files
- the sno.profiles file which stores publishing profiles

Set the HOME environment from the Windows control panel.

To set the HOME environment variable:

1. From the Start menu, choose Settings, and then choose Control Panel.
2. In the Control Panel window, double-click the System icon.
3. Click the Advanced tab, and then click the Environment Variables button.
4. On the Environment tab, type HOME in the Variable field.
5. In the Value field, type the user's home directory path.
6. Click Set, and then click OK.

If the HOME environment variable is not set, Strategic Network Optimization uses the LINXHOME environment variable to write out these files.

Uninstalling Strategic Network Optimization

Before uninstalling Strategic Network Optimization, ensure that the directory that you want to remove does not contain files that you want to keep and that no users are accessing that version.

To uninstall Strategic Network Optimization, perform the following:

1. Log in as the administrator.
2. From the Start menu, choose Settings, and then choose Control Panel.
3. Double-click Add/Remove Programs.
4. Choose Strategic Network Optimization 12.1, and then click Change/Remove.

   An InstallAnywhere window appears while the system prepares to uninstall Strategic Network Optimization.
5. In the Introduction window, click Uninstall.
6. In the Uninstall Complete window, a list of directories that were not removed is presented. This occurs when files have been modified or added in these directories since the installation. To exit from the InstallAnywhere window, click Done.

2

Installing Strategic Network Optimization for UNIX

This chapter covers the following topics:

- Installing the Application
- Starting Strategic Network Optimization
- Setting Environment Variables for Start-up Scripts
- Setting the HOME Environment Variable
- Uninstalling Strategic Network Optimization

Installing the Application

Preinstallation Requirements

You must determine your deployment method, hardware, and software requirements prior to installing Strategic Network Optimization.

> **Note:** For more information about deployment methods, hardware, and software requirements, see Oracle Value Chain Planning 12.2 Hardware and Software Guide, and the Minimum Technical Requirements.

To install the application on a UNIX platform, perform the following:

1. Change to the directory where the install.exe file is located.
2. Change to the platform directory (HP, IBM, Sun, or Linux).
3. On the HP, IBM, or Linux platform, enter the following command:

   ```
   ./install.bin
   ```

On the Sun platform, enter the following command:

```
ksh ./install.bin
```

An InstallAnywhere window appears while the system prepares to install Strategic Network Optimization.

4. Click Next.
5. In the Choose SCP Suite Folder window, specify the installation directory.
6. Click Next.
7. Review the information on the Pre-Installation Summary window and ensure that you have enough disk space for the installation. To continue with the installation, click Install.
8. In the Install Complete window, click Done.

Strategic Network Optimization is installed in a /scp/12.1.3/sno directory under the directory that you specify. Strategic Network Optimization startup scripts are stored in /scp/12.1.3/common/start under the directory that you specify. You cannot use spaces in the directory path.

If errors occur during installation, they are logged in Strategic_Network_Optimization_12.1_InstallLog.log file in /scp/12.1 under the directory that you specify.

Starting Strategic Network Optimization

After installing Strategic Network Optimization, you can run the system. To start Strategic Network Optimization, perform the following:

1. Navigate to /scp/12.1.3/common/start in the directory that you specified during installation.
2. Enter the following command:

```
./run_sno_sno.sh
```

To start Strategic Network Optimization in batch mode, perform the following:

1. Navigate to /scp/12.1.3/common/start in the directory that you specified during installation.
2. Enter the following command:

```
./run_sno_snocon.sh
```

Setting Environment Variables for Start-up Scripts

If you are running Strategic Network Optimization using your own start-up scripts, you must specify the location of some Strategic Network Optimization files by setting the following environment variable:

- LINXHOME (specifies the location of the current version of SNO)

You must also specify the location of the shared libraries by using one of the following environment variables, depending on the platform you are using:

- On the HP, Sun, or Linux platform:

  ```
  LD_LIBRARY_PATH
  ```

- On the IBM platform:

  ```
  LIBPATH
  ```

There is a common installation directory that can be used to simplify the environment variables. For example, if the directory specified during installation is /numetrix, then there is a directory named scp installed below it. You can define an environment variable named SCP_HOME that points to /numetrix/scp to simplify environment variable paths.

To run Strategic Network Optimization 12.1 with your own start-up scripts, add the following environment variables to these scripts:

```
export SCP_HOME= directory specified during installation/scp
export SCP_COMMON= $SCP_HOME/12.1/common
export LINXHOME= $SCP_HOME/12.1/sno
```

You must also specify the location of the shared libraries by using one of the following environment variables, depending on the platform you are using:

On the HP, Sun, or Linux platform:

```
export
LD_LIBRARY_PATH=$SCP_COMMON/bin:${SCP_COMMON}/bin_64:${LD_LIBRARY_PATH}
```

On the IBM platform:

```
export LIBPATH=${SCP_COMMON}/bin:${SCP_COMMON}/bin_64:${LIBPATH}
```

To use the SCBM connector, you must specify the following environment variable:

```
export TCL_LIBRARY= $SCP_COMMON/lib/tcl8.4
export PATH= $SCP_COMMON/bin:$PATH
```

On the HP platform:

```
export SHLIB_PATH=${SCP_COMMON}/bin:${SCP_COMMON}/bin_64:${SHLIB_PATH}
```

On the Sun platform:

```
export
LD_LIBRARY_PATH_64=${SCP_COMMON}/bin:${SCP_COMMON}/bin_64:${LD_LIBRARY_P
ATH_64
```

For the default publishing profiles to function properly, specify the following environment variable:

```
export PROFILEIODIR= $SCP_COMMON/lib/sno/metaData
```

Setting the HOME Environment Variable

Strategic Network Optimization uses the HOME environment variable to specify the user's home directory which contains the following items:

1. the sno.smart file
2. the linx.startup file
3. the sno.ini file which stores recently used files
4. the sno.profiles file which stores publishing profiles

If you want to run Strategic Network Optimization using a custom start-up script, set the HOME environment variable by entering the following:

```
export HOME= path to homedirectory
```

where *path to home directory* is the path to the location of the files listed above.

If the HOME environment variable is not set, Strategic Network Optimization uses the LINXHOME environment variable to write out these files.

Uninstalling Strategic Network Optimization

Before uninstalling Strategic Network Optimization, ensure that the directory that you want to remove does not contain files that you want to keep and that no users are accessing that version.

To uninstall Strategic Network Optimization, perform the following:

1. Log in as the root user.
2. Enter the following:

   ```
   cd /install-path/scp/12.1/sno/uninstall
   ```

   where *install-path* is the directory path for the application.
3. On the HP or IBM platform, run the following executable:

   ```
   ./Uninstall_sno
   ```

   On the Sun platform, run the following executable:

   ```
   ksh ./Uninstall_sno
   ```

An InstallAnywhere window appears while the system prepares to uninstall Strategic Network Optimization.

4. In the Introduction window, click Uninstall.

   All of the files are removed except for files that have been modified or added since the installation.

5. In the Uninstall Complete window, a list of directories that were not removed is presented. This occurs when files have been modified or added in these directories since the installation. To exit from the InstallAnywhere window, click Done.

6. To remove the directories that were not removed during uninstall, enter the following:

   ```
   cd /install-path/scp/12.1
   ```

7. For prompts prior to deletion, enter the following:

   ```
   rm -r sno
   ```

   For immediate deletion, enter the following:

   ```
   rm -Rf sno
   ```

   The version directory is removed.

8. If Strategic Network Optimization is the only Supply Chain Planning application installed, enter the following:

   ```
   cd /install-path
   rm -Rf scp
   ```

   The domain would continue to use /mydomain/logs for its log files.

3

Viewing the Online Help

Online Help Overview

Oracle Value Chain Planning 12.2 online help is delivered in Adobe Portable Document Format (PDF). The PDF file retains the formatting of printed documentation, including all of the screen images and graphics, and you can print individual pages or the whole document. The help file enables you to find information by searching for a topic, a word, or a string of text. Many sections also contain See and See Also cross-references that take you to related information with one click of the mouse.

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Setting the System Environment Variable in UNIX

To set the environment variable in UNIX, perform the following:

1. Navigate to your home directory.

2. Edit your .profile file to include the path to the Adobe Acrobat Reader.

For example:

```
PATH=adobe path:$PATH
```

where *adobe path* is the path where the Adobe Acrobat Reader executable is saved.

The name of the executable is acroread.

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