

Distributing StarOffice under the Solaris[™] Operating System or Linux Network

The `-net` install feature allows you to setup, install and run StarOffice from a central server. However, StarOffice still requires local access for full functionality. In a typical multi-user or network installation, the system administrator:

- Performs a server installation of StarOffice
- Customizes the server installation (adds, removes or modifies files and templates)
- Performs a workstation installation for each user on the network

Each user has read-only access to the files, templates, and settings on the server installation. User customizations are stored in the local installation directory.

Server and Workstation Installation

The following section contains sample scripts for installing StarOffice on a Solaris/Linux network server. In addition to the server installation, you can use a response file to automatically perform a workstation installation for each user.



StarOffice must be installed on a central server before you can perform a workstation installation.

Server Installation

1. Change to `root` and install StarOffice with the command line:

```
./setup -net
```

2. Create a directory with read and execute permission for all StarOffice users.
3. Create or copy the following files into the new directory:

- `responsefile.txt`
- `centralInstall.sh`
- `executeSetup.sh`

A sample `responsefile.txt` and sample `centralInstall.sh` and `executeSetup.sh` scripts are provided at the end of this chapter.



See Chapter 3, *Installing StarOffice With a Response File* on page 31 for details on creating and using a response file for workstation installations.

4. Give all StarOffice users read and execute permission for the `centralInstall.sh` and `executeSetup.sh` scripts, and read-only permission for the `responsefile.txt` file.
5. Create a text file called `respCSV.txt` in the new directory and give all StarOffice users read-only permission for the file.
6. Use the following structure to add user installation data to the file. Each column must be separated by a semicolon:

Column	Description
1	Respective UNIX® user name of the StarOffice user
2	Name of the company
3	First name of the user
4	Last name of the user
5	User id
6	Street of the user address
7	City of the user address
8	ZIP code of the user address
9	Email address of the user

Example respCSV.txt file:

```
office;company;firstname;lastname;ini;street;city;zip;email
office2;company;firstname2;lastname2;ini2;street;city;zip;email2
... and so on ...
```

The name and address columns are added to the StarOffice user data.



All data fields are optional, except the UNIX user name in column 1.

The centralInstall.sh script starts a separate workstation installation for each user named in the respCSV.txt file. The respCSV.txt file must therefore contain the names of all intended StarOffice users.

Workstation Installation

1. Change to `root` and determine the path to the StarOffice setup file in the server installation.



Do NOT use the setup file on the StarOffice installation CD.

2. Navigate to the directory containing the `centralInstall.sh` script.
3. Enter the following command line:

```
./centralInstall.sh <setup file dir>/setup
```

The following message is displayed after a successful workstation installation:

```
root@turner/instttest:> ./centralInstall.sh /opt/so7.net/setup

Found StarOffice setup, begin with the installation
Starting StarOffice setup for user : office
=====
ResponseFile Session
started at xx/xx/xx 12:05:39 PM
Setup for user office has been finished
Starting StarOffice setup for user : office2
=====
ResponseFile Session
started at xx/xx/xx 12:08:39 PM
Setup for user office2 has been finished
```

Source Code Samples

This section contains the following sample source codes:

- centralInstall.sh
- executeSetup.sh
- responsefile.txt

Sample script centralInstall.sh

You can use the following source code in your centralInstall.sh script:

```
#!/bin/sh

# verify the current user
UserIDName=`id |cut -d "(" -f2 |cut -d ")" -f1`

if [ ${UserIDName} != "root" ]
then
    echo ""
    echo " The install program requires the User ID to be 'root'"
    exit 1
fi

if [ -x $1 ]
then
    echo ""
    echo " Found StarOffice setup, begin with the installation"
else
    echo ""
    echo " Can't find the StarOffice setup at : " $1
    exit 1
fi

CWD=`pwd`

RESP_DEF=${CWD}/respCSV.txt
export RESP_DEF

for sname in `cat $RESP_DEF | grep ";" | cut -f1 -d ';'`; do
    echo " Starting StarOffice setup for user : " ${sname}
    su - ${sname} -c "${CWD}/executeSetup.sh $1 ${CWD}" > /dev/null
    echo " Setup for user ${sname} has been finished"
done
```

Sample script executeSetup.sh

You can use the following source code in your executeSetup.sh script:

```
#!/bin/sh

# Don't start this script directly, this works
# only in combination with the centralInstall.sh script.

CWD=`pwd`

DISPLAY=:0.0
export DISPLAY

RESP_DEF=$2/respCSV.txt
export RESP_DEF

$1 -r:$2/responsefile.txt"
```

Sample Response File

This response file installs a StarOffice network client. A Java™ JDK/JRE 1.x. installation is required for each user.

```
[ENVIRONMENT]
INSTALLATIONMODE=INSTALL_WORKSTATION
INSTALLATIONTYPE=WORKSTATION
MIGRATION=NO
DESTINATIONPATH=<home>/staroffice7
LANGUAGELIST=01
STARTPROCEDURE=startProc
ENDPROCEDURE=endProc

[JAVA]
JavaSupport=preinstalled_or_none

[PROCEDURES]
Sub endProc
    'Msgbox "StarOffice has been successfully installed"
End Sub

Sub startProc
    sCSVFile = environ("RESP_DEF")
    ' Name and path of the user definition file.
    ' for more details see the documentation for the response file
    ' Use the UNIX user name to specify the user
    ' settings in the definition file
    sUsername = environ("USER")
```

```

if Len( Dir( sCSVFile ) ) = 0 then
    msgbox "user definition file not found"
    exit sub
end if

iFileHandle = FreeFile
Open sCSVFile For INPUT As #iFileHandle

Do Until EOF( #iFileHandle )
    Line Input #iFileHandle, sLine

    iEndPos = InStr( 1, sLine, ";" )
    If iEndPos > 0 Then
        sName = Left( sLine, iEndPos - 1 )

        If sName = sUsername Then
            For iCounter=1 To 15
                iBeginPos = iEndPos + 1
                iEndPos = InStr( iBeginPos, sLine, ";" )
                If iEndPos > 0 Then
                    sItem = Mid$( sLine, iBeginPos, iEndPos - iBeginPos )
                    Select Case iCounter
                        Case 1
                            SetUserCompanyName( sItem )
                        Case 2
                            SetUserFirstName( sItem )
                        Case 3
                            SetUserLastName( sItem )
                        Case 4
                            SetUserID( sItem )
                        Case 5
                            SetUserStreet( sItem )
                        Case 6
                            SetUserCity( sItem )
                        Case 7
                            SetUserZip( sItem )
                        Case 8
                            SetUserEMail( sItem )
                    End Select
                Else
                    Exit Sub
                End If
            Next iCounter
        End If
    End If
Loop
Close #iFileHandle
End Sub

```