

Technical Note: Installing SAR 7.80

This technical note is intended for users who want to install SAR 7.80 to work in conjunction with Server Automation (SA) 7.80.

Pre-Installation Requirements for SAR 7.80

The following items should be performed or reviewed before installing SAR 7.80.

- SA 7.80 must be completely installed before installing SAR 7.80
- The SAR 7.80 patch can only be applied to a SAR 7.50 core services server.
- You will need approximately 500MB of space available on the SAR core services server to perform the upgrade.
- You must upgrade the Data Miners associated with the SAR 7.80 core services server after the SAR 7.80 upgrade.



The SAR 7.80 patch cannot be installed on a SAR core services server that is installed on the same server as SA.

New Features in SAR 7.80

The following features are added to a SAR 7.50 server after the SAR 7.80 patch is installed:

- Adds support for authenticating against and collecting data from SA 7.80.
- Adds ETL to support SA 7.80, OO 7.50, and NA 7.20.
- Adds Data Miner support for SA Bus (i.e. TIBCO-less) vault.
- Adds Data Miner platform support for SLES 10, RHAS 5, and Oracle 11g.



SAR 7.80 adds support for mining data from these platforms. Platform support for SAR core services is unchanged in this release.

Installing the SAR 7.80 Patch

To install the SAR 7.80 patch on a SAR 7.50 server, perform the following steps:

- 1 Shut down all Data Miners associated with the SAR core services server.
- 2 On the SAR core services server, log in as root.

- 3 To shut down the SAR core services server, enter the following command:

```
/etc/init.d/opsware-omdb stop
```

- 4 Create a temporary directory for the SAR 7.80 patch. For these steps, the example directory is `/var/tmp/omdb/patch`. This temporary directory should have approximately 500MB available during the patching process.

- 5 Change directory to the temporary directory:

```
cd /var/tmp/omdb/patch
```

- 6 From the SAR 7.80 product distribution DVD, copy the upgrade package to your temporary patch directory:

```
/packages/OPSWomdb_patch-34c.1.0.0.0.tar.gz
```

- 7 Perform one of the following two actions:

- (Linux) To extract the files from `OPSWomdb_patch-34c.1.0.0.0.tar.gz`, enter the following command:

```
tar -zxvf /var/tmp/omdb/patch/OPSWomdb_patch-34c.1.0.0.0.tar.gz
```
- (Solaris) To extract the files from `OPSWomdb_patch-34c.1.0.0.0.tar.gz`, enter the following command:

```
gzcat /var/tmp/omdb/patch/OPSWomdb_patch-34c.1.0.0.0.tar.gz | tar xvf -
```

- 8 To change to the extracted directory:

```
cd sar75to78
```

- 9 To run the SAR 7.80 patch installation:

```
./patchSar75to78.sh
```

The following prompt appears:

```
The SAR Core Services must be stopped and restarted in order to apply this patch. If you do not wish to stop the SAR server, hit ctrl-c now, and run this script when you are ready to apply this patch. Hit enter to stop the SAR server now, or ctrl-c to exit.
```



The patch script must be run from the local directory.

- 10 Press Enter.

- 11 When you see the following text, the patch has been successfully installed:

```
Patching complete.  
Note: Previous versions of all modified files are available in:
```

```
/opt/opsware/omdb/backup.2009-02-13T155641
```

Your dataminers must also be updated for this release.
The updated files are now available in /opt/opsware/omdb/dist
Follow the documented instructions to copy these files and upgrade

- 12 Upgrade the Data Miners associated with the updated SAR 7.80 core services server. See “Upgrading Data Miners” in the *SAR Installation Guide*.

Re-Enabling SAR 7.80 Access to SA

To re-enable communication between the SAR 7.80 core services server and the SA core server, perform the following steps:

- 1 On the SA core server, log in as root.
- 2 Copy the following file found on the SAR core services server:
`/opt/opsware/omdb/bin/enable_omdb_client.sh`
to the SA Core server.
- 3 To run the copied script, in the directory on the SA Core server you copied the script to, enter the following command:

```
./enable_omdb_client.sh
```

- 4 To restart the twist on the SA Core server, enter the following command:
`/etc/init.d/opsware_sas restart twist`



If the SA Core server is installed as a multiple slice configuration, the `enable_omdb_client.sh` script must be run on all slices of the SA 7.80 Core server.

- 5 On the SAR core services server, log in as root.
- 6 To restart the SAR core services server, enter the following command:
`/etc/init.d/opsware-omdb restart core`

