

Apple updates aren't published if SQL database is used for WSUS

- Parallels Device Management

Symptoms

Apple updates are missing from SCCM.

wsus_publisher.log contains errors like this:

```
2019-02-22
08:43:03.1198|ERROR|1|Parallels.Pma.WsusPublisher.Actions.UpdatePublisher|Unable
to publish product '031-2847'
System.Data.SqlClient.SqlException (0x80131904): Login failed for user
'YOURDomain\Service_Account'.
```

Service account used to run PMM SUP service has required permissions on WSUS server.

Cause

WSUS server is configured to use SQL database instead of its built-in WID.

Resolution

Check value of SqlServerName in HKLM\SOFTWARE\Microsoft\Update Services\Server\Setup\ to figure out the SQL server and instance name.

Connect to it using SQL Management Studio and do the following:

1. Locate database SUSDB;
2. In its "Security" -> "Users" add the service account (User type: Windows user);
3. Add it to members of the following roles:

- db_accessadmin
- db_datareader
- db_datawriter
- db_ddladmin
- db_owner
- db_securityadmin

4. Rerun configuration wizard of PMM Software Update Point, wait a couple of minutes and check `wsus_publisher.log` again, the error should be gone.
5. Wait for WSUS publisher to publish some updates;
6. Run Software Updates synchronization in WSUS:

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