

Script to create SQL login and assign read privileges on master and msdb database for automation purpose

Author : admin

Today got a task to create a common account across all SQL servers which have read privileges on master and msdb database, so to carry out this activity, wrote a small script as follows for SQL 2000 and SQL 2005/2008,

Note: Replace **test** with your account name and **password** as your desired password

Script for SQL 2005/2008.

```
SET NOCOUNT ON
USE MASTER
CREATE LOGIN [test] WITH PASSWORD=N'test@123', DEFAULT_DATABASE=[master],
DEFAULT_LANGUAGE=[us_english], CHECK_EXPIRATION=OFF, CHECK_POLICY=OFF
GO

USE MASTER
CREATE USER [test] WITH DEFAULT_SCHEMA = dbo
exec sp_addrolemember N'db_datareader', N'test'
GO

USE MSDB
CREATE USER [test] WITH DEFAULT_SCHEMA = dbo
exec sp_addrolemember N'db_datareader', N'test'
GO

PRINT ' ' + CONVERT(VARCHAR(20),SERVERPROPERTY('machinename')) + "Test account created"

SET NOCOUNT OFF
```

Now, to check whether accounts are created or not, use following script,

```
SET NOCOUNT ON

select serverproperty('servername') as N'Server Name', loginname from master..syslogins where name = 'test'

SET NOCOUNT OFF
```

Script for [SQL 2000](#) (it differs from above because SQL 2000 requires less parameters than SQL 2005/2008),

```
SET NOCOUNT ON

USE master;
exec sp_addlogin @loginame = 'test', @passwd = N'test@123', @defdb = 'master', @deflanguage = 'us_english'

USE master;
exec sp_adduser @loginame = 'test', @name_in_db = 'test', @grpname = 'db_datareader'

USE msdb;
exec sp_adduser @loginame = 'test', @name_in_db = 'test', @grpname = 'db_datareader'

PRINT ' ' + CONVERT(VARCHAR(20),serverproperty('servername')) + ""test account created""

SET NOCOUNT OFF
```

Now you can check whether login created or not using the same script as above,

SET NOCOUNT ON

```
select serverproperty('servername') as N'Server Name', loginname from master..syslogins where name = 'test'
```

SET NOCOUNT OFF

P.S: You may encounter few errors, like the one I posted at – [link](#)

Hope it helps