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**SQL Services status for SQL Server instances**

***Version Control***

*All information given under this version over rides all and any kind of offers, assumptions, deliverables and contracts, given under any previous version. All previous versions of the subject Proposal stand null and void.*

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| **Revision History** | | | |
| **Date** | **Who** | **Version** | **Description** |
| **07/03/2016** | Kanchan | 1.0 | Created Initial Draft Document |
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|  |  |  |  |

TOYOTA FINANCIAL SERVICES

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| --- | --- |
| **Version No.** | **Draft** |
| **Date** | **07/03/2016** |
| **Submitted by** | Kanchan |
| **Reviewed by** |  |
| **Approved by** | TEJINDER KAUR |

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# Goals & Objectives

**Goal:**

Find SQL services instance information and respective uptime

**Objective:**

The script will connect with all windows servers which are kept in a text file (SQLInstancesServices.txt) and respectively fetch "MSSQL service information". After executing the script result will be stored in a csv file (SQL\_Service\_status\_report.csv). All errors will be stored in file called (Errorlog.txt).

2. Environment & Pre-Requisites:

|  |
| --- |
| **Environment** |
| * PowerShell 2.0 * MSSQL server 2012 R2 |

3. How the script works:

**Assumptions:**

1. There should be common credentials for all database servers.

2. User should have privileges to be able to check windows services all database servers.

3. User should have access to run queries to get the MSSQL services information.

4. The scripts will run in PowerShell version 2.

5. There should be a different folder by name (Result) where all Script files are kept.

**Algorithm:**

1. User needs to create a folder on desktop or where it could be feasible

Folder will contain three Different files and one output folder by name (result) or any feasible

         **Sqlservicestatus.ps1**

Changes required:

1. $path=” D:\Users\ Username \Desktop\result”

$names=get-content “D:\Users\Username\Desktop\sqlinstancessservices.txt”

         **Sqlinstanceservices.txt**

Changes required: need to provide server names

         **Sqlservicestatus.bat**

Changes required:

1. @line 3 change PowerShell file name to sqlservicestatus.ps1
2. @line 4 change PowerShell file path with   D:\Users\Username\Desktop\sqlservicestatus.ps1

         Result (Directory)

2. It will prompt for credentials. Credentials to be entered in format of "domain\username"

3. It will fetch the server name from the server list file (SQLInstancesServices.txt).

4. For each server name it will fetch the information of SQL service

5. Script gives SystemName, Name,state,displayname,starttime,Current\_Date & Uptime

6. It will store the output in file (SQL\_Service\_status\_report.csv )

7. All errors will be stored in "ErrorLog.txt"

**4**. Scripts:

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