## Spotlight Command Line Parameters

Note: Parameters as object type must be passed to the command using PS variables. See bottom the document for more details.

**Import-DS**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Address | False | Server name hosting the Diagnostic Server, the argument value is an object. |
| -Credentials | False | Account user name |
| -HostName | False | Server name hosting the Diagnostic Server, the argument value is a string. |
| -Port | False | 40403 |

**Add-DS**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Address | False | Server name hosting the Diagnostic Server, the argument value is an object. |
| -Credentials | False | Account user name |
| -HostName | False | Server name hosting the Diagnostic Server, the argument value is a string. |
| -Port | False | 40403 |

**Remove-DS**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Address | False | Server name hosting the Diagnostic Server, the argument value is an object. |
| -Credentials | False | Account user name |
| -HostName | False | Server name hosting the Diagnostic Server, the argument value is a string. |
| -Port | False | 40403 |

**Get-Connection**

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| --- | --- | --- |
| Parameter | Required | Description |
| -Address | False | Connection address name with added connection type suffix\* -See bottom of page of suffix format |
| -ConnectionName | False | Same as –Address field |
| -DS | False | Server name hosting the Diagnostic Server, the argument value is an object. |
| -Tag | False | Connection tag name |
| -Technology | False | analysisservices, highavailability, hyperv, replication, sqlazure, sqlserver, unix/linux, vmware |

**Add-Connection**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Address | True | Connection address name or IP, the argument is a string. |
| -Connection | True | Same as \_Address field, the argument value is an object. |
| -Credential | False | Account user name |
| -Disabled | False | Disable connection when add connection |
| -DS | False | Diagnostic Server name, the argument value is an object. |
| -Enable | False | Enable connection when add connection |
| -Tag | False | Connection tag name |
| -Technology | True | analysisservices, highavailability, hyperv, replication, sqlazure, sqlserver, unix/linux, vmware |

**Set-Connection**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Connection | False | The connection address name, the argument value is an object. |
| -Credential | False | Account user name monitoring the connection. |
| -Disabled | False | Disable connection |
| -Enable | False | Enable connection |
| -Tag | False | Set connection tag name (will overwrite the current tags) |
| -UseDSAuth | False | Set connection account to the Diagnostic Server owner account |

**Remove-Connection**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Address | False | Connection address name with added connection type suffix\* -See bottom of page of suffix format |
| -Connection | False | Same as \_Address field, the argument value is an object. |
| -ConnectionName | False | Connection address name with added connection type suffix\* -See bottom of page of suffix format |
| -DS | False | Diagnostic Server name, the argument value is an object. |
| -Force | False | Is this used so a Yes/No prompt is not presented to user? |
| -Technology | False | analysisservices, highavailability, hyperv, replication, sqlazure, sqlserver, unix/linux, vmware |

**Add-Outage**

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| --- | --- | --- |
| Parameter | Required | Description |
| -Address | True | Connection address name or IP |
| -Day | True | Day number of the month: Day 1 |
| -DayOfWeekInMonth | True | Given day of the month: Day 1, Weekday, WeekendDay, Sun, Mon, Tues, Wed, Thur, Fri, Sat, Sun |
| -DaysOfWeek | True | Days of the week: Monday, Tuesday, Wednesday, etc. |
| -Description | False | Description of the planned outage rule |
| -ReoccurenceType | True | Once, Daily, Weekly, Monthly |
| -StartTime | True | Start time of the given day. Occurs every day, on given days of the week or given days of given months. |
| -FinishTime | True | End time of the given day. Occurs every day, on given days of the week or given days of given months. |
| -StartDateTime | True | Start time of the planned outage rule. -ReocurrencType argument can define Once, Daily, etc, and this argument only works for -ReocurrencType set to Once. |
| -FinishDateTime | True | End time of the planned outage rule. -ReocurrencType argument can define Once, Daily, etc, and this argument only works for -ReocurrencType set to Once. |
| -WhichWeekInMonth | True | Week number of the month: First, Second, Third, Fourth, Last |

**Get-Alarms**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -DS | False | Server name hosting the Diagnostic Server |
| -ConnectionDisplayName | False | Connection display name, or part of the name. Part of the name or say fuzzy matching |
| -FirstRaisedTime | False | The first raise time of alarm equal or greater than the specific time |
| -LastRaisedTime | False | The last raise time of alarm is equal or less than the specific time |
| -AlarmName | False | Alarm display name or part of the name. |
| -Technology | True | analysisservices, highavailability, hyperv, replication, sqlazure, sqlserver, unix/linux, vmware |
| -Snoozed | False | $True or $False |
| -Severity | False | Low, Medium, High, Information, Normal, Disabled |

**Update-AckAlarm**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -ConnectionName | True | Connection address name with added connection type suffix\* -See bottom of page of suffix format |
| -DiagnosticServer | True | Server name hosting the Diagnostic Server |
| -Message | True | The acknowledgement comment |
| -StorageKey | True | The identity of alarm using Get-Alarms command |

**Update-AckAlarms**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Alarms | True | List of alarms from Get-Alarms command |
| -DS | True | Server name hosing the Diagnostic Server |

**Update-SnoozeAlarm**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -ConnectionName | True | Connection display name as shown Spotlight Client Display Name |
| -DS | False | Server name hosting the Diagnostic Server |
| -SnoozeUntilDate | True | The end date that the alarm will be snoozed until |
| -StorageKey | True | The alarm identifier obtained from Get-Alarms: sqlserver\_spotlight$\_sqlunplannedoutage^1547791629359 |

**Update-SnoozeAlarms**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -Alarms | True | List of alarms from Get-Alarms command |
| -DS | True | Server name hosting the Diagnostic Server |

**Get-Users**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -DS | False | Server name hosting the Diagnostic Server name |
| -User | False | User account name(s). Separate each user with a comma. Fuzzy matching is supported. |
| -Role | False | User account role Name(s). Separate each Role with a comma. Fuzzy matching is supported. Values: USER, ADMIN, READ-ONLY |

**Get-Permission**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -DS | False | Server name hosting the Diagnostic Server name. |
| -User | False | User account name(s). Separate each user with a comma. Fuzzy matching is supported. |
| -DisplayName | False | Connection display name. Separate each display name with a comma. Fuzzy matching is supported. |
| -Technology | False | analysisservices, highavailability, hyperv, replication, sqlazure, sqlserver, unix/linux, vmware |
| -Tag | False | Connection tag name(s). Separate each tag with a comma. Fuzzy matching only when using a single tag name. |
| -Denied | False | Display only the denied connections for the user(s). |

**Grant-Permissions**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -ConnectionName | True | Connection address name with added connection type suffix\* -See bottom of page of suffix format |
| -DS | False | Server name hosting the Diagnostic Server name. |
| -User | True | User account name(s). Separate each user with a comma. Fuzzy matching is supported. |

**Revoke-Permission**

|  |  |  |
| --- | --- | --- |
| Parameter | Required | Description |
| -DS | False | Server name hosting the Diagnostic Server name. |
| -User | True | User account name(s). Separate each user with a comma. Fuzzy matching is supported. |
| -ConnectionName | True | Connection address name with added connection type suffix\* -See bottom of page of suffix format |

**Connection Name Suffix Formats:**

|  |  |
| --- | --- |
| **Connection Type** | **Suffix** |
| SQL Server | \_sqlserver |
| Windows |  |
| Analysis Services | \_analysisservices |
| High Availability | \_highavailability |
| Hyper-V | \_hyperv |
| Replication | \_replication |
| SQL Azure | \_sqlazure |
| Unix/Linux | \_unix/linux |
| VMWare | \_vmware |

\*Object parameters must be saved as PS variables. See below for example of the DS parameter in the Add-Connection and Get-Connection commands:

PS C:\Windows\system32> Get-DS | Remove-DS

PS C:\Windows\system32> $DS = "Diagnostic Server host name"

PS C:\Windows\system32> Add-DS $DS

PS C:\Windows\system32> Add-Connection -Address SQL2017 -Technology sqlserver

PS C:\Windows\system32> Get-Connection -Address sql2017\_sqlserver