Skills Management 8.5.648

Invoker Service
Manual Installation Guide

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1 Prerequisites

- The account that is specified during the installation under which the Invoker Service will run must have permissions to run as a service (see below).
- The Invoker Service Installer batch file must be present alongside the Invoker.exe
- The batch file must be run from an elevated command prompt (i.e. as an Administrator)

    1. DO NOT right click on the batch file and select Run as Administrator. You'll need to start an elevated command prompt and change directory to the directory holding the InstallInvokerService.bat and the Services.Invoker.exe

2 Service account considerations

The user account used to run the Skills Management services must have log on as a service rights. You can use a local machine account for this provided that:

1. The computer is not a member of a domain

   or

2. The computer is a member of a domain and there is no group policy defining which accounts are able to log on as a service.

In the latter case, you **must** use a domain account as the service account.

2.1.1 Local user account

To give an existing local user account permissions to logon as a service:

3. Run **secpol.msc** or open **Local Security Policy** from **Control Panel / Administrative Tools**
4. In the left pane, expand **Local Policies** and select **User Rights Assignment**
5. On the right, locate the **Logon as a service** entry, and double-click on it.
6. If the user account in question does not appear in the list, add it using the **Add User or Group** option.
7. Click **OK** to close the dialog.

2.1.2 Domain user account

Your domain administrator will need to allow the account in question permissions to log on as a service.

3 Steps

3.1.1 Configure the Services.Invoker.exe.config file

Copy the **Services.Invoker** folder from the install package to a location on the server.

Open the **Services.Invoker.exe.config** file with Notepad or similar text editor.

In the **appSettings** section:

- Edit the value of the **LogPath** element to the folder that you want the service to use for storing log files
- If you wish, edit the **Verbosity** value to modify the detail level of the logs. The options are (from most detailed to least detailed): Trace, Debug, Info, Warning, Error and Fatal.
- Edit the value of the **TimerFrequencySecs** to affect how frequently the Service polls for new events to process (value is in seconds).

In the **client** section, edit the endpoint **address** value for the Events Service endpoint, e.g. http://localhost/Services.Events/Events.svc.

Save and close the file.

3.1.2 Install the service

Start an elevated command prompt.

Change directory to which you copied the Invoker service files (e.g. **`cd D:\SLS\Applications\Services.Invoker`**)

At the command prompt, type **`InstallInvokerService`** and press **Enter**.

At the prompt "**`Enter DOMAIN\UserName for service account:`**" enter the user account to use to run the service (in the format DOMAIN\UserName).

At the prompt "**`Enter password for service account:`**" enter the password.

8. Note: The password specified will be displayed in plain text in the console window.

You should then see some text indicating that the service configuration has taken place:

```
[SC] CreateService SUCCESS
[SC] ChangeServiceConfig2 SUCCESS
[SC] ChangeServiceConfig2 SUCCESS

SERVICE_NAME: InvokerService
        TYPE               : 10  WIN32_OWN_PROCESS
        STATE              : 2  START_PENDING
                                (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
        WIN32_EXIT_CODE    : 0  (0x0)
        SERVICE_EXIT_CODE  : 0  (0x0)
```

```
        CHECKPOINT         : 0x0
        WAIT_HINT          : 0x0
        PID                : 13784
        FLAGS              :
Press any key to continue . . .
```

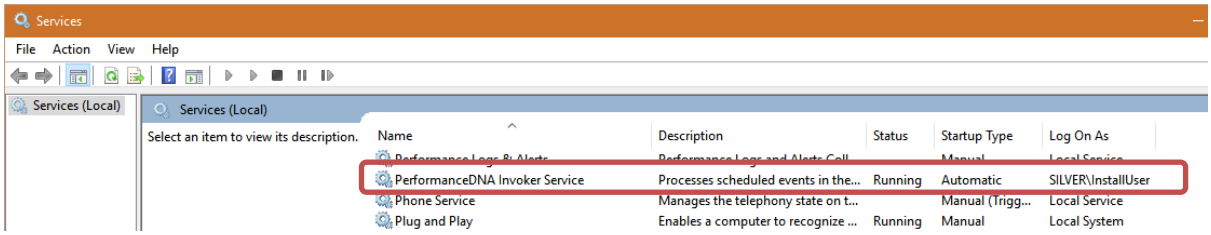
Press a key to complete the process.

You can then close the command prompt.

3.1.3 Check service credentials

Verify the credentials you entered were correct by checking the **Services** Administrative Tool.

Locate the **Skills Management Invoker Service** in the list of services, and ensure it is running. If it is not, this may be because the service account was not given log on as a service rights.



If the service is not running and you are using a local computer account (rather than a domain account) you can double-click the service and correct the credentials in the **Log On** tab.

If you are using a domain account, ensure that it has the rights to log on as a service and refresh the local group policy by running **gpupdate /force** from an elevated command prompt

4 Manually uninstalling the Invoker Service

Start an elevated command prompt.

Change to the location to which you copied the Invoker service files (e.g. **`cd D:\SLS\Applications\Services.Invoker`**)

At the command prompt, type **`RemoveInvokerService`** and press **Enter**.

You should then see some text indicating that the service configuration has taken place:

```
SERVICE_NAME: InvokerService
        TYPE               : 10  WIN32_OWN_PROCESS
        STATE              : 3  STOP_PENDING
                                (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
        WIN32_EXIT_CODE    : 0  (0x0)
        SERVICE_EXIT_CODE  : 0  (0x0)
        CHECKPOINT         : 0x0
        WAIT_HINT          : 0x0
[SC] DeleteService SUCCESS
Press any key to continue . . .
```

Press a key to complete the process.

You can then close the command prompt.