

Changepoint 2020

19.00.122.000 Salesforce.com Integration Toolkit Update

Release Notes

Release date

June 2, 2020

Enhancements

Replace Microsoft Service Bus message broker with RabbitMQ for Salesforce.com integrations.

Changes to the product architecture and technology matrix

Yes

Technical details

See the “Message Broker Replacement Overview” section in the release notes for Integration Framework update 19.00.121.000.

Installing the update manually

Note: This update has a dependency on General patch **19.00.119.000** and Integration Framework update **19.00.121.000**, which must be installed before installing this update.

1. Stop the following services:
 - a) Changepoint Communication Dispatcher Service
 - b) Changepoint DataMapper Service
 - c) Changepoint Export Publishing Service
2. Stop the Changepoint website.
3. Create a backup copy of the content in the `Enterprise\ExternalEndPoint` folder.
4. Install the RabbitMQ Service and client when applicable, by following the instructions in the “Installing the RabbitMQ Service” section in the *Integration Framework Reference Guide*.
5. Copy the content from the ExternalEndPoint folder on the patch and paste the files into the `Enterprise\ExternalEndPoint` folder on your web server.
6. In the `Enterprise\ExternalEndPoint\` folder, open the `Web.config` file and replace the hostname value with the FQDN of the RabbitMQ server, as follows:

```
<!-- Message Broker specific app settings for messaging connections ->
<add key="MessageBroker.HostName" value="amqps://hostname"/>
```

7. Start the Changepoint website
8. Start the RabbitMQ Service.
9. Start the following Windows services:
 - a) Changepoint Communication Dispatcher Service
 - b) Changepoint DataMapper Service
 - c) Changepoint Export Publishing Service
10. Open SQL Management Studio and execute `1900122000.sql` against the Changepoint database.

Caveats and notes

Dependencies and overrides

The following patches must be applied prior to this patch in the specified order:

	Patch
1	19.00.119.000
2	19.00.121.000

The following release patches will be overwritten by this patch:

None.

Release files

	Website files
1	Changepoint.CommonServices.Crypto.dll
2	Changepoint.IntegrationServices.dll
3	ExternalEndPoint.dll
4	ExternalEndPoint.dll.config
5	Kent.Boogaart.HelperTrinity.dll
6	Kent.Boogaart.KBCsv.dll
7	Microsoft.Practices.EnterpriseLibrary.Common.dll
8	Microsoft.Practices.EnterpriseLibrary.ExceptionHandling.dll

	Website files
9	Microsoft.Practices.EnterpriseLibrary.ExceptionHandling.Logging.dll
10	Microsoft.Practices.EnterpriseLibrary.Logging.dll
11	Newtonsoft.Json.dll
12	RabbitMQ.Client.dll
13	System Buffers.dll
14	System.Memory.dll
15	System.Numerics.Vectors.dll
16	System.Runtime.CompilerServices.Unsafe.dll
17	Adapter.xml
18	Global.asax
19	NotificationService.asmx
20	Web.EnterpriseLibrary.config

Changepoint Product Extensions

Product extensions include any code that has been added, modified or customized in any way. It is strongly recommended that customers who deploy Changepoint product extensions in their Staging, Test/QA or Production Environments, review the list of files in the “**New or Changed Files**” section of this patch, to assess whether there is any impact.

Changepoint Customer Enablement should be contacted prior to applying this patch if any of the code associated with the product extension is deemed to be at risk. Failure to do so may result in the files being overwritten or deleted and the extended functionality failing.