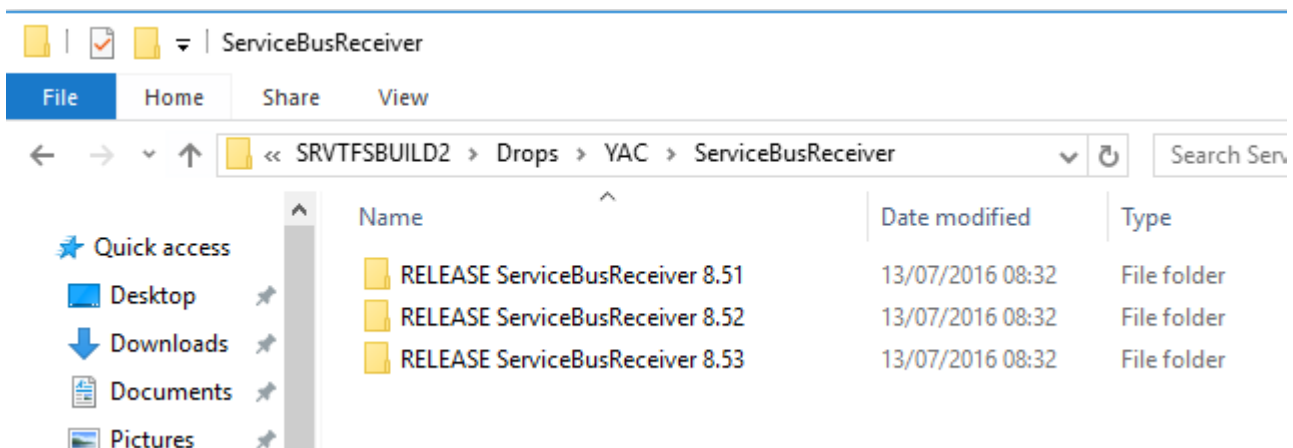


## Traccia per installare i servizi 'Listeners' del Service Bus

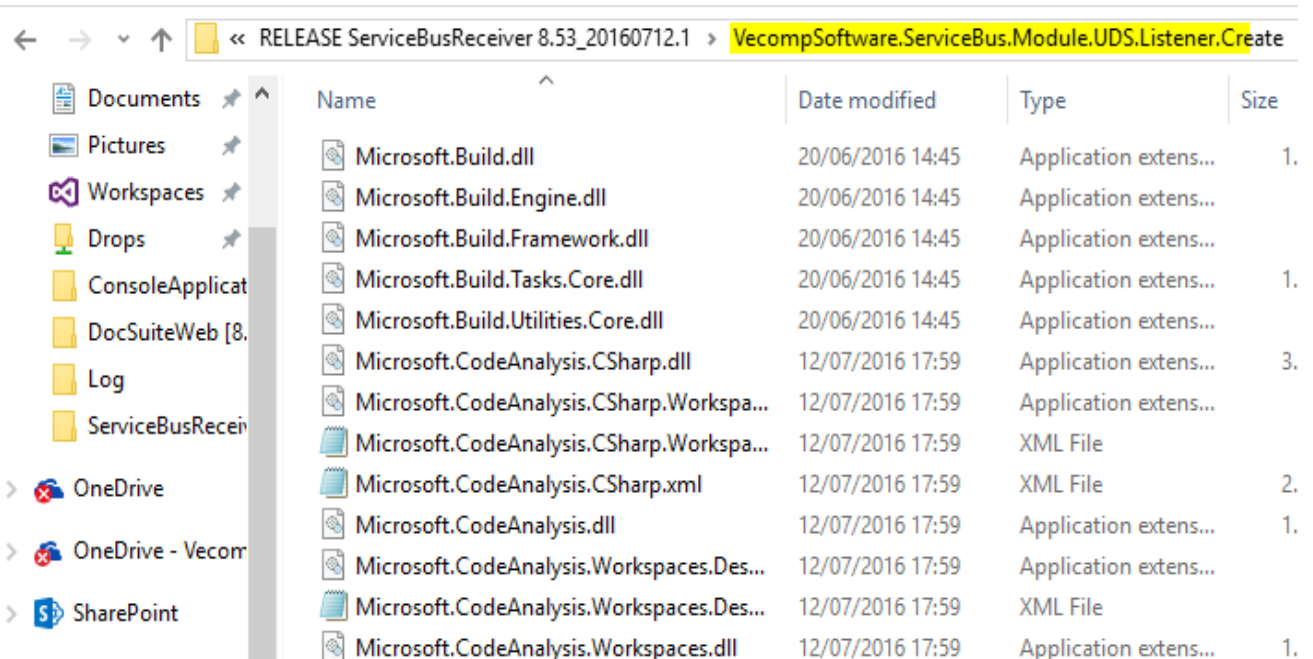
### Fasi di predisposizione del percorso di installazione del servizio

1. creare la cartella "BPM" in "C:\Program Files (x86)\Vecomp Software" (tipicamente)
2. creare la cartella "Listeners" sotto "BPM"
3. creare la cartella "<nome\_servizio>" sotto "Listeners"  
dove <nome\_servizio> = nome del servizio (Es. "VecompSoftware.ServiceBus.Module.UDS.Listener.Create").
4. Copiare nella suddetta cartella tutti i file presenti nel percorso  
"...\\Drops\\YAC\\ServiceBusReceiver\\<release ServiceBusReceiver>\\VecompSoftware.ServiceBus.Receiver"



5. Copiare nella sottocartella "Listener" tutti i file presenti del modulo da installare (Es: VecompSoftware.ServiceBus.Module.UDS.Listener.Create)

I files sono situati nella cartella "...\\Drops\\YAC\\ServiceBusReceiver\\<release ServiceBusReceiver>\\<nome\_servizio>"



## Fasi di installazione e configurazione del servizio

1. Nel file ...\

```
{
  "$type": "VecompSoftware.DocSuiteWeb.Model.WebAPI.Client.HttpClientConfiguration, VecompSoftware.DocSuiteWeb.Model",
  "Addresses": [
    {
      "$type": "VecompSoftware.DocSuiteWeb.Model.WebAPI.Client.BaseAddress, VecompSoftware.DocSuiteWeb.Model",
      "AddressName": "API-WorkflowManagerAddress",
      "Address": "http://localhost/DSW.WebAPI/api/wfm/",
      "Timeout": "00:01:00"
    },
    {
      "$type": "VecompSoftware.DocSuiteWeb.Model.WebAPI.Client.BaseAddress, VecompSoftware.DocSuiteWeb.Model",
      "AddressName": "API-EntityAddress",
      "Address": "http://localhost/DSW.WebAPI/api/entity/",
      "Timeout": "00:01:00"
    },
    {
      "$type": "VecompSoftware.DocSuiteWeb.Model.WebAPI.Client.BaseAddress, VecompSoftware.DocSuiteWeb.Model",
      "AddressName": "API-ServiceBusAddress",
      "Address": "http://localhost/DSW.WebAPI/api/sb/",
      "Timeout": "00:01:00"
    },
    {
      "$type": "VecompSoftware.DocSuiteWeb.Model.WebAPI.Client.BaseAddress, VecompSoftware.DocSuiteWeb.Model",
      "AddressName": "API-UDSAddress",
      "Timeout": "00:01:00"
    }
  ]
}
```

2. Nel file ...\

1. <ConnectionStrings>:

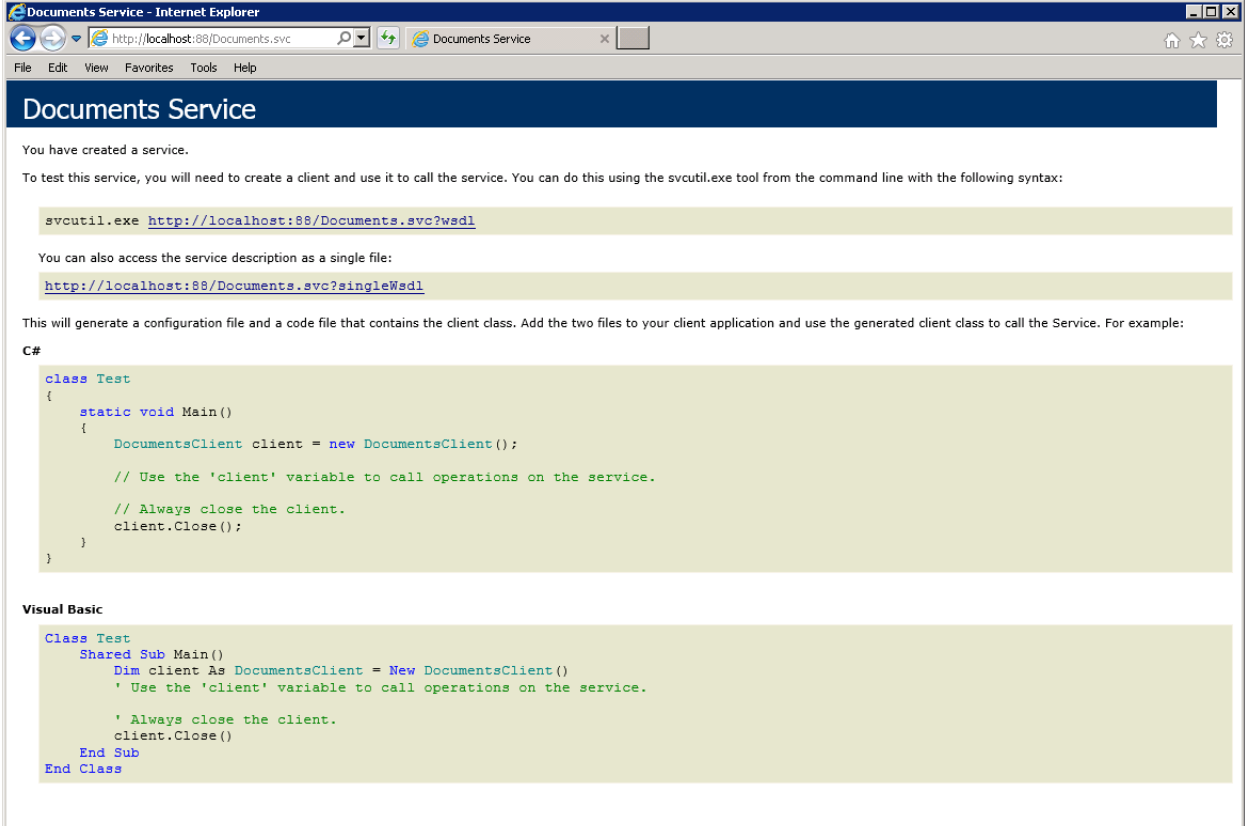
```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <configSections>
    <section name="loggingConfiguration" type="Microsoft.Practices.EnterpriseLibrary.Logging.Configuration.LoggingS
  </configSections>
  <loggingConfiguration configSource="EnterpriseLibrary.Logging.config" />
  <startup useLegacyV2RuntimeActivationPolicy="true">
    <supportedRuntime version="v4.0" sku=".NETFramework,Version=v4.5.2" />
  </startup>
  <connectionStrings>
    <add name="DocSuite"
      connectionString="Data Source=SRVAZVSDEV.CLOUDAPP.NET; Initial Catalog=Protocollo; User ID=sa; Pwd=*****;"
      providerName="System.Data.SqlClient" />
    </connectionStrings>
  <system.serviceModel>
```

- a. configurare Application Name = SB\_<name> dove <name> è il nome scelto per il servizio
- b. specificare la corretta connectionString che deve puntare al solo database di Protocollo

2. <Endpoint>: specificare i corretti indirizzi dei servizi Administration e Documents del WebService BiblosDS

```
<readerQuotas maxDepth="128" maxStringContentLength="2147483647" maxArrayLength="2147483647" />
<security mode="None" />
</binding>
<binding name="BasicHttpBinding_IAdministration" transferMode="Streamed" maxReceivedMessageSize="2147483647">
  <readerQuotas maxDepth="128" maxStringContentLength="2147483647" maxArrayLength="2147483647" />
  <security mode="None" />
</binding>
</basicHttpBinding>
</bindings>
<client>
  <endpoint address="http://srvazvsdev/BiblosDS2010WCF/Documents.svc"
    binding="basicHttpBinding" bindingConfiguration="BasicHttpBinding_IDocuments"
    contract="BiblosDS.IDocuments" name="BasicHttpBinding_IDocuments" />
  <endpoint address="http://srvazvsdev/BiblosDS2010WCF/Administration.svc"
    binding="basicHttpBinding" bindingConfiguration="BasicHttpBinding_IAdministration"
    contract="BiblosDSManagement.IAdministration" name="BasicHttpBinding_IAdministration" />
</client>
<extensions baseAddress="http://schemas.microsoft.com/2003/11/Serialization/" />
</extensions>
```

Verificare se il puntamento è corretto tramite risposta accesso via browser ai 2 url evidenziati



Documents Service - Internet Explorer

http://localhost:88/Documents.svc

## Documents Service

You have created a service.

To test this service, you will need to create a client and use it to call the service. You can do this using the svcutil.exe tool from the command line with the following syntax:

```
svcutil.exe http://localhost:88/Documents.svc?wsdl
```

You can also access the service description as a single file:

```
http://localhost:88/Documents.svc?singleWsdl
```

This will generate a configuration file and a code file that contains the client class. Add the two files to your client application and use the generated client class to call the Service. For example:

**C#**

```
class Test
{
    static void Main()
    {
        DocumentsClient client = new DocumentsClient();

        // Use the 'client' variable to call operations on the service.

        // Always close the client.
        client.Close();
    }
}
```

**Visual Basic**

```
Class Test
Shared Sub Main()
    Dim client As DocumentsClient = New DocumentsClient()
    ' Use the 'client' variable to call operations on the service.

    ' Always close the client.
    client.Close()
End Sub
End Class
```

### 3. <appSettings>: valorizzare la chiave *Microsoft.ServiceBus.ConnectionString*

Fare riferimento al documento “03 - Procedura configurazione ServiceBus.pdf” relativo all’installazione del service Bus per recuperare il valore ritornato dalla funzione “Get-SB Authorization Rule” con cui.

```
</bindingExtensions>
</extensions></system.serviceModel>
<appSettings>
  <!-- Service Bus specific app settings for messaging connections -->
  <add key="Microsoft.ServiceBus.ConnectionString"
  value="Endpoint=sb://[server]/[Namespace];StsEndpoint=[server]:9355/[Namespace];RuntimePort=9354;ManagementPort=9355;SharedName=[queueName]" />
  <!--<add key="QueueName" value="management_uds_create" />
  <add key="QueueName" value="management_uds_update" />
  <add key="QueueName" value="data_uds_insert" />
  <add key="QueueName" value="data_uds_update" />
  <add key="QueueName" value="cqrs_insert" />
  <add key="QueueName" value="cqrs_update" />-->

  <!--<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.Create.dll" />
  <add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.Update.dll" />
  <add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.DataInsert.dll" />
  <add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.DataUpdate.dll" />
  <add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelInsert.dll" />
  <add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelUpdate.dll" />-->

</appSettings>
<runtime>
  <assemblyBinding xmlns="urn:schemas-microsoft-com:asm.v1">
```

### 4. Sempre in < appSettings> aggiungere due 2 chiavi:

- QueueName
- VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName,

reperibili direttamente nelle righe commentate sottostanti (prendere quelle specifiche per il servizio in fase di configurazione)

```
<add key="QueueName" value="management_uds_create" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.Create.dll" />
/>
```

I possibili valori vengono sempre lasciato nel file di default commentati. Scegliere quelli idonei in funzione dei dettagli di configurazione specificati nei readme di rilascio della DocSuite.

```
<!--<add key="QueueName" value="management_uds_create" />
<add key="QueueName" value="management_uds_update" />
<add key="QueueName" value="data_uds_insert" />
<add key="QueueName" value="data_uds_update" />
<add key="QueueName" value="cqrs_insert" />
<add key="QueueName" value="cqrs_update" />-->

<!--<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.Create.dll" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.Update.dll" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.DataInsert.dll" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.UDS.Listener.DataUpdate.dll" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelInsert.dll" />
<add key="VecompSoftware.ServiceBus.Receiver.Listener.Assembly.FullName" value="VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelUpdate.dll" />-->
```

## Fasi installazione del servizio di Windows

1. Copiare il file "install.bat" dal percorso di deposito "...\\Drops\\YAC\\ServiceBusReceiver\\<release ServiceBusReceiver>" nella cartella "...\\<nome\_servizio>" e modificare il contenuto assegnando il nome del servizio da installare:

/servicename = "<nome\_servizio>"

(es.: /servicename="VecompSoftware.ServiceBus.Module.UDS.Listener.Create")

2. Avviare cmd.exe come amministratore e dalla cartella del servizio eseguire "install.bat"



```
ca Select Administrator: C:\Windows\System32\cmd.exe - Install
C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSoftware.ServiceBus.M
odule.UDS.Listener.Create>Install
C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSoftware.ServiceBus.M
odule.UDS.Listener.Create>C:\Windows\Microsoft.NET\Framework64\v4.0.30319\Instal
lUtil /servicename="VecompSoftware.ServiceBus.Module.UDS.Listener.Create" -i Vec
ompSoftware.ServiceBus.Receiver.exe
Microsoft (R) .NET Framework Installation utility Version 4.0.30319.34209
Copyright (C) Microsoft Corporation. All rights reserved.

Running a transacted installation.

Beginning the Install phase of the installation.
See the contents of the log file for the C:\Program Files (x86)\Vecomp Software\
BPM\Listeners\VecompSoftware.ServiceBus.Module.UDS.Listener.Create\VecompSoftwa
re.ServiceBus.Receiver.exe assembly's progress.
The file is located at C:\Program Files (x86)\Vecomp Software\BPM\Listeners\Vec
ompSoftware.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Recei
ver.InstallLog.
Installing assembly 'C:\Program Files (x86)\Vecomp Software\BPM\Listeners\Vecomp
Software.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiv
er.exe'.
Affected parameters are:
    logtoconsole =
        i =
        assemblypath = C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSof
tware.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiver.e
xe
        logfile = C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSoftwa
re.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiver.Inst
allLog
        servicename = VecompSoftware.ServiceBus.Module.UDS.Listener.Create
Installing service VecompSoftware.ServiceBus.Module.UDS.Listener.Create...
Service VecompSoftware.ServiceBus.Module.UDS.Listener.Create has been successfu
lly installed.
Creating EventLog source VecompSoftware.ServiceBus.Module.UDS.Listener.Create in
log Application...

The Install phase completed successfully, and the Commit phase is beginning.
See the contents of the log file for the C:\Program Files (x86)\Vecomp Software\
BPM\Listeners\VecompSoftware.ServiceBus.Module.UDS.Listener.Create\VecompSoftwa
re.ServiceBus.Receiver.exe assembly's progress.
The file is located at C:\Program Files (x86)\Vecomp Software\BPM\Listeners\Vec
ompSoftware.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Recei
ver.InstallLog.
Committing assembly 'C:\Program Files (x86)\Vecomp Software\BPM\Listeners\Vecomp
Software.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiv
er.exe'.
Affected parameters are:
    logtoconsole =
        i =
        assemblypath = C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSof
tware.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiver.e
xe
        logfile = C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSoftwa
re.ServiceBus.Module.UDS.Listener.Create\VecompSoftware.ServiceBus.Receiver.Inst
allLog
        servicename = VecompSoftware.ServiceBus.Module.UDS.Listener.Create
The Commit phase completed successfully.

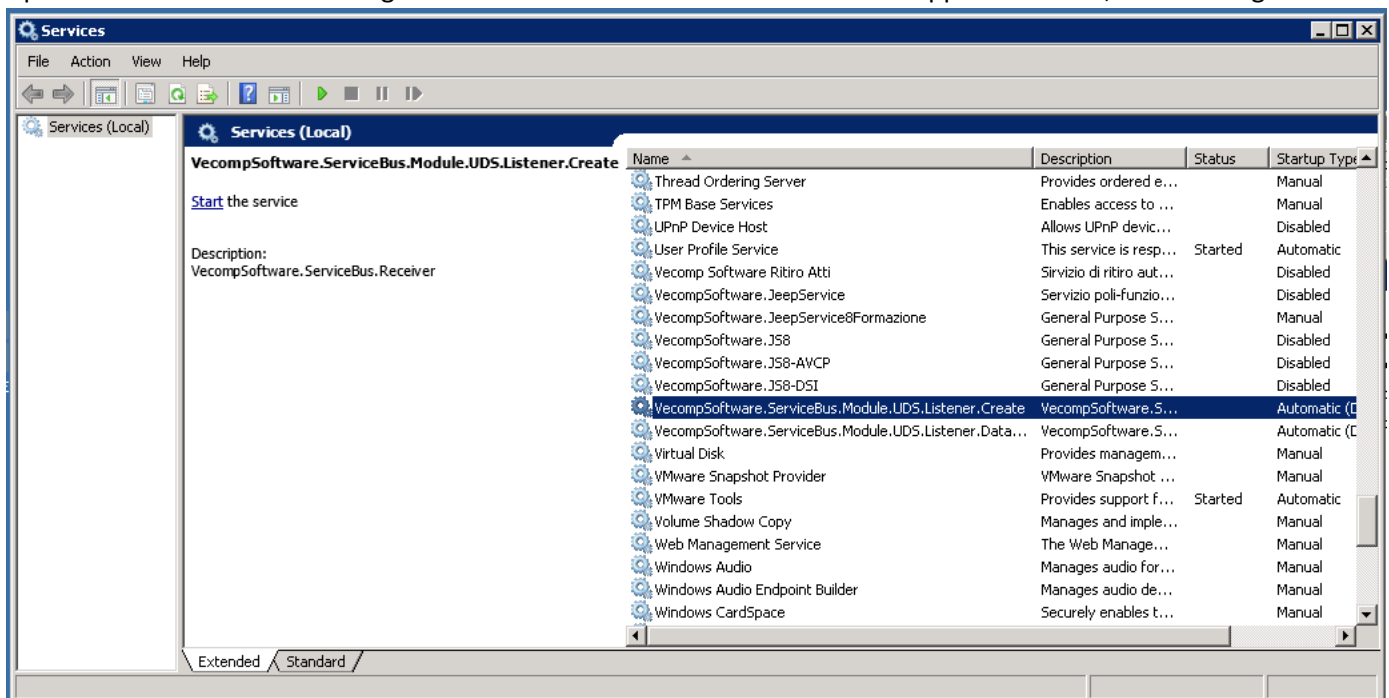
The transacted install has completed.

C:\Program Files (x86)\Vecomp Software\BPM\Listeners\VecompSoftware.ServiceBus.M
odule.UDS.Listener.Create>pause
Press any key to continue . . . _
```

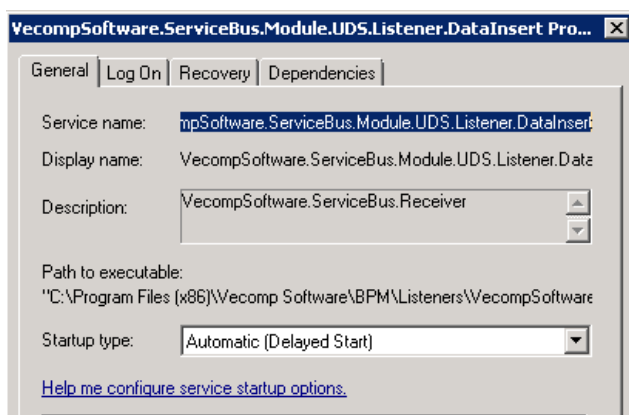
Al termine dell'esecuzione si deve ricevere messaggio "The commit phase completed succesfully".

## Fasi configurazione del servizio di Windows

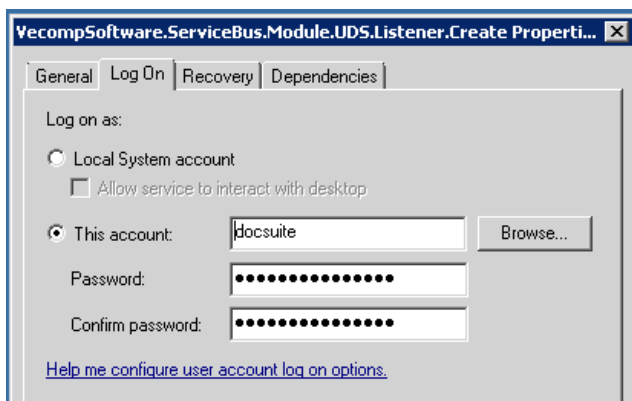
1. Aprendo lo strumento di gestione dei servizi trovo il servizio appena creato, da configurare



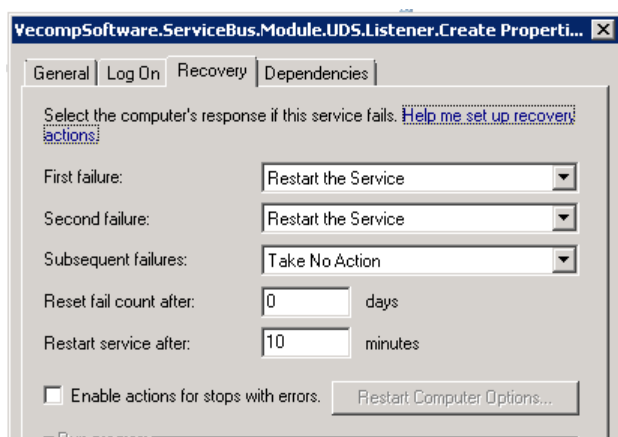
2. Sezione General: impostare Startup type = Automatic (Delayed Start)



3. Sezione Log On: impostare l'account di accesso con cui il servizio deve attivarsi



4. Sezione Recovery: impostare "Restart the service" per le voci "First failure" e "Second failure" ed inoltre "10 minuti" per la voce "Restart service after."



5. Avviare il servizio verificando eventualmente nel percorso di log segnalazioni di malfunzionamento.

VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelInsert	VecompSof...	Started	Automatic (D...	MASTER_...
VecompSoftware.ServiceBus.Module.CQRS.Listener.ModelUpdate	VecompSof...	Started	Automatic (D...	MASTER_...
VecompSoftware.ServiceBus.Module.UDS.Listener.Create	VecompSof...	Started	Automatic (D...	master_us...
VecompSoftware.ServiceBus.Module.UDS.Listener.DataInsert	VecompSof...	Started	Automatic (D...	MASTER_...
VecompSoftware.ServiceBus.Module.UDS.Listener.DataUpdate	VecompSof...	Started	Automatic (D...	MASTER_...
VecompSoftware.ServiceBus.Module.UDS.Listener.Update	VecompSof...	Started	Automatic (D...	MASTER_...

6. La configurazione corretta riporta nel log le indicazioni evidenziate:

