Test 11
Event hub namespace

Basics   Advanced   Networking   Tags   Review + create

Project Details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *
Pay-As-You-Go

     Resource group *
Rg-amqp-evh-010

Create new

Instance Details

Enter required settings for this namespace, including a price tier and configuring the number of units (capacity).

Namespace name *
amqp011

.servicebus.windows.net

Location *
UK South

(i) The region selected supports Availability zones. Your namespace will have Availability Zones enabled. Learn more.

Pricing tier *
Standard (~$22 USD per TU per Month)

Browse the available plans and their features

Throughput Units *
1

Enable Auto-Inflate (i)

TLS

Basics   Advanced   Networking   Tags   Review + create

Security

Minimum TLS version (i)
Version 1.2

(i) Increasing the minimum TLS version will prevent connections using a lower TLS version from connecting to this namespace. Learn more

Local Authentication (i)
Enabled   Disabled

Networking

Event hub

Capture

Basics   **Capture**   Review + create

Capture Details

Azure Event Hubs Capture enables you to automatically deliver the streaming data in Event Hubs to an Azure Blob storage or Azure Data Lake Store account of your choice, with the added flexibility of specifying a time or size interval. Setting up Capture is fast, there are no administrative costs to run it, and it scales automatically with Event Hubs throughput units. Event Hubs Capture is the easiest way to load streaming data into Azure, and enables you to focus on data processing rather than on data capture. Learn more about capture.

Capture   On   **Off**

Sas policy on event hub (time 16:18)

🔑 **telemetry011 (amqp011/telemetry011) | Shared access policies**
Event Hubs Instance

Add SAS Policy   ✕
Event Hubs

Policy name *

sas-011   ✓

☑ Manage

☑ Send

☑ Listen

Convert

Connection string–primary key   Copied

Endpoint=sb://amqp011.servicebus.windows.net/;SharedAccessKeyName=sas-⬜ ... 📋

Connection string–secondary key

Endpoint=sb://amqp011.servicebus.windows.net/;SharedAccessKeyName=sas-⬜ ... 📋

Connection String to AMQP

This is a static web app. All processing is done locally. **No data from the form is sent to Azure.**
Paste your Azure Service Bus / Event Hubs Connection String and convert it to RabbitMQ's AMQP format.

Azure Service Bus Connection String

Endpoint=sb://amqp011.servicebus.windows.net/;SharedAccessKeyName=sas-011;SharedAccessKey=███████████████████████=;EntityPath=telemetry011

[Convert]

RabbitMQ Shovel AMQP Connection String

amqps://sas-011:██████████████████████████@amqp011.servicebus.windows.net:5671/?sasl=plain

[Copy To Clipboard]

TNC

```
PS C:\Users\jekl> Test-NetConnection -ComputerName amqp011.servicebus.windows.net -Port 5671

ComputerName     : amqp011.servicebus.windows.net
RemoteAddress    :
RemotePort       : 5671
InterfaceAlias   :
SourceAddress    :
TcpTestSucceeded : True
```

Make shovel

RabbitMQ version

RabbitMQ TM   RabbitMQ 3.12.1   Erlang 26.0

Rabbitmq queue

/	**telemetry0111**	classic	D	idle	0	0	0			

Shovel

Add a new shovel

Name: `shovel_011` *

Source: AMQP 0.9.1

URI: ? `amqp://` *   Queue: ? `telemetry0111`

Prefetch count: ?

Auto-delete: ? Never

Destination: AMQP 1.0

URI: ? `amqps://sas-011:` ███████ *

Address: ? `telemetry011`

Add forwarding headers: ? No

Reconnect delay: ?   s

Acknowledgement mode: ? On confirm

Add shovel

Dynamic Shovels

Shovels

Name	Source					Destination					Reconnect Delay	Ack mode	Auto-delete
	Protocol	Uri	Endpoint	Prefetch	Protocol	Uri			Endpoint	Add headers			
my-shovel	amqp091	amqp://localhost	queue01 queue		amqp10	amqp://localhost			queue02	?		?	?
shovel_011	amqp091	amqp://	telemetry0111 queue		amqp10	amqps://sas-011:[redacted]@amqp011.servicebus.windows.net:5671/?...			telemetry011	○		on-confirm	never

Shovel Status

Name	State	Source			Destination			Last changed	Operations
my-shovel dynamic	▪ running	amqp091	amqp://localhost	queue01 queue	amqp10	amqp://localhost	queue02	2023-07-11 21:08:33	Restart
shovel_011 dynamic	▪ starting	?	?	as published exchange	?	?	as published exchange	2023-07-12 16:29:41	Restart

RabbitMQ log

```
2023-07-12 16:30:41.671000+02:00 [error] <0.29774.0> Shovel 'shovel_011' could not connect to destination
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>    supervisor: {<0.29369.0>,rabbit_shovel_dyn_worker_sup}
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>    errorContext: child_terminated
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>    reason: {shutdown,normal}
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>    offender: [{pid,<0.29774.0>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>               {id,{<<"/">>,<<"shovel_011">>}},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>               {mfargs,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                   {rabbit_shovel_worker,start_link,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                       [dynamic,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                        {<<"/">>,<<"shovel_011">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                        [{<<"dest-uri">>,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                          [{encrypted,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                            <<"█████████████████████████████████████████████████████████████████
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"src-uri">>,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                          [{encrypted,
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                            <<"██████████████████████████████████████████████████">>]},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"ack-mode">>,<<"on-confirm">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"dest-add-forward-headers">>,false},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"dest-address">>,<<"telemetry011">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"dest-protocol">>,<<"amqp10">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"src-delete-after">>,<<"never">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"src-protocol">>,<<"amqp091">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>                         {<<"src-queue">>,<<"telemetry0111">>}]]}},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>               {restart_type,{permanent,5}},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>               {shutdown,4294967295},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0>               {child_type,worker}]
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>    supervisor: {<0.29369.0>,rabbit_shovel_dyn_worker_sup}
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>    errorContext: child_terminated
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>    reason: {shutdown,normal}
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>    offender: [{pid,{restarting,<0.29774.0>}},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>               {id,{<<"/">>,<<"shovel_011">>}},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>               {mfargs,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                   {rabbit_shovel_worker,start_link,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                       [dynamic,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                        {<<"/">>,<<"shovel_011">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                        [{<<"dest-uri">>,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                          [{encrypted,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                            <<"██████████████████████████████████████████████████
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"src-uri">>,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                          [{encrypted,
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                            <<"██████████████████████████████████████████████████">>]},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"ack-mode">>,<<"on-confirm">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"dest-add-forward-headers">>,false},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"dest-address">>,<<"telemetry011">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"dest-protocol">>,<<"amqp10">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"src-delete-after">>,<<"never">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"src-protocol">>,<<"amqp091">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>                         {<<"src-queue">>,<<"telemetry0111">>}]]}},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>               {restart_type,{permanent,5}},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>               {shutdown,4294967295},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0>               {child_type,worker}]
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0> crasher:
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    initial call: amqp10_client_frame_reader:init/1
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    pid: <0.29820.0>
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    registered_name: []
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    exception exit: {options,incompatible,
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>                        [{verify,verify_peer},{cacerts,undefined}]}
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>        in function  gen_statem:init_result/8 (gen_statem.erl, line 1005)
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    ancestors: [<0.29818.0>,amqp10_client_sup,<0.1258.0>]
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    message_queue_len: 0
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    messages: []
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    links: [<0.29818.0>]
2023-07-12 16:30:46.681000+02:00 [error] <0.29820.0>    dictionary: []
```