

## Test 11

[Importing Data from RabbitMQ into Azure Data Explorer via Event Hubs \(microsoft.com\)](#)

### 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

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 ⓘ

☐

### TLS

Basics

Advanced

Networking

Tags

Review + create

Security

Minimum TLS version ⓘ

Version 1.2


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

Local Authentication ⓘ

Enabled

Disabled

## Networking

 **Create Namespace** ...

Event Hubs

Basics Advanced Networking Tags Review + create

Network connectivity


You can connect to this namespace either publicly, via public IP addresses or service endpoints, or privately, using a private endpoint.

Connectivity method

☒ Public access

☐ Private access

## Event hub

 **Create Event Hub** ...

Event Hubs

Basics Capture Review + create

Event Hub Details

Enter required settings for this event hub, including partition count and message retention.

Name \* ⓘ

telemetry011 ✓

Partition count ⓘ

4

Retention

Configure retention settings for this Event Hub. [Learn more](#)

Cleanup policy ⓘ

Delete ▼

Retention time (hrs) ⓘ

1

min. 1 hour, max. 168 hours (7days)

## 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 \*

☒ Manage  
☒ Send  
☒ Listen

Home > amqp011 | Overview > amqp011 | Event Hubs > telemetry011 (amqp011/telemetry011)

**telemetry011 (amqp011/telemetry011)** | Shared access policies

Search

Policy

Policy	Claims
sas-011	Manage, Send, Listen

#### SAS Policy: sas-011

Save Discard Delete Regenerate Primary Key

☒ Manage  
☒ Send  
☒ Listen

Primary key

Secondary key  
 Copy to clipboard

Connection string—primary key  
 Copy to clipboard

Connection string—secondary key  
 Copy to clipboard

SAS Policy ARM ID

Convert

Connection string–primary key

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

Copied

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

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

Copy To Clipboard

TNC

```
PS C:\> 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**™

RabbitMQ 3.12.1

Erlang 26.0

Rabbitmq queue

/	telemetry011	classic	D	idle	0	0	0		
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Shovel

▼ Add a new shovel

Name: shovel\_011\*

Source: AMQP 0.9.1 ▼

URI: ?

amqp://\*

Prefetch count: ?

Auto-delete ?

Queue: ▼ ?telemetry0111

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				Prefetch	Destination				Reconnect Delay
	Protocol	Uri	Endpoint			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

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">>,<<"amp10">>},
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">>,<<"amp091">>},
2023-07-12 16:30:41.671000+02:00 [error] <0.29369.0> {<<"src-queue">>,<<"telemetry011">>}}]]],
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">>,<<"amp10">>},
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">>,<<"amp091">>},
2023-07-12 16:30:46.678000+02:00 [error] <0.29369.0> {<<"src-queue">>,<<"telemetry011">>}}]]],
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: amqp0_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>,amqp0_client_sup,<0.1286.0>]
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: []
```