

## 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

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

Overview

Access control (IAM)

Diagnose and solve problems

Settings

Shared access policies

Properties

Locks

Entities

Consumer groups

Features

Capture

Generate data (preview)

Process data

Policy

Claims

Manage, Send, Listen

**SAS Policy: sas-011**

Save Discard Delete Regenerate Primary Key

☒ Manage

☒ Send

☒ Listen

Primary key

Secondary key

Connection string—primary key

Endpoint=sb://amqp011.servicebus.windows.net/SharedAccessKeyName=sas-011;SasKey=...

Connection string—secondary key

Endpoint=sb://amqp011.servicebus.windows.net/SharedAccessKeyName=sas-011;SasKey=...

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:\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 3.12.1 Erlang 26.0

Rabbitmq queue

|   |              |         |              |      |   |   |   |  |  |
|---|--------------|---------|--------------|------|---|---|---|--|--|
| / | telemetry011 | classic | <div>D</div> | idle | 0 | 0 | 0 |  |  |
|---|--------------|---------|--------------|------|---|---|---|--|--|

Shovel

▼ Add a new shovel

Name: shovel\_011\*

Source: AMQP 0.9.1 ▼

URI: ?  
amqp://\*

Prefetch count: ?

Auto-delete ?

Destination: AMQP 1.0 ▼

URI: ?

Address: ?

Add forwarding headers: ?

Reconnect delay: ? s

Acknowledgement mode: ? On confirm ▼

Queue: ▼ ?  
telemetry0111

Never ▼

amqps://sas-011: [redacted]\*

telemetry011

No ▼

Add shovel

Dynamic Shovels

| ▼ Shovels  |          |                  |               |          |          |             |   |              |             |                 |
|------------|----------|------------------|---------------|----------|----------|-------------|---|--------------|-------------|-----------------|
| Name       | Source   |                  |               |          | Prefetch | Destination |   |              |             | Reconnect Delay |
|            | Protocol | Uri              | Endpoint      | 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<br>dynamic  | running  | amqp091 | amqp://localhost | queue01<br>queue         | amqp10      | amqp://localhost | queue02                  | 2023-07-11 21:08:33 | Restart    |
| shovel_011<br>dynamic | starting | ?       | ?                | as published<br>exchange | ?           | ?                | as published<br>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: []
```