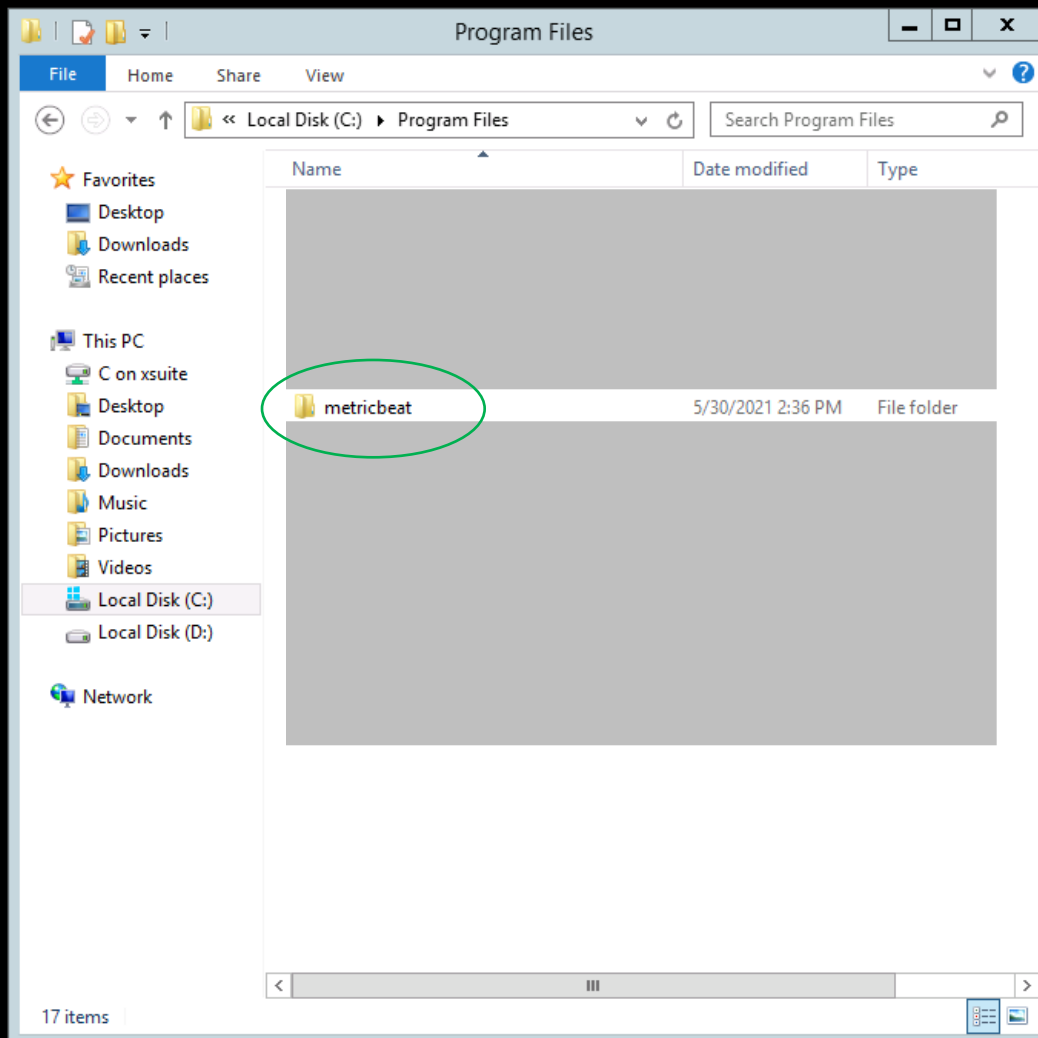
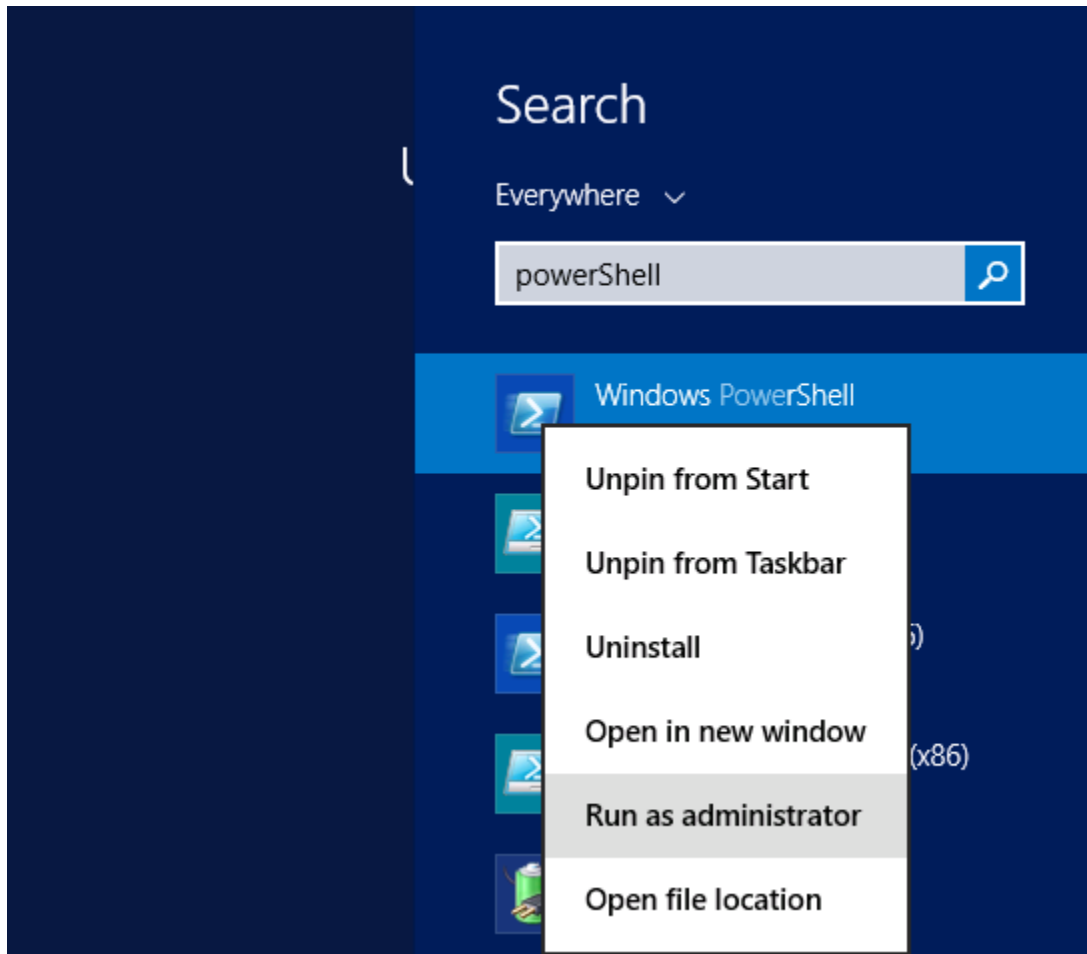


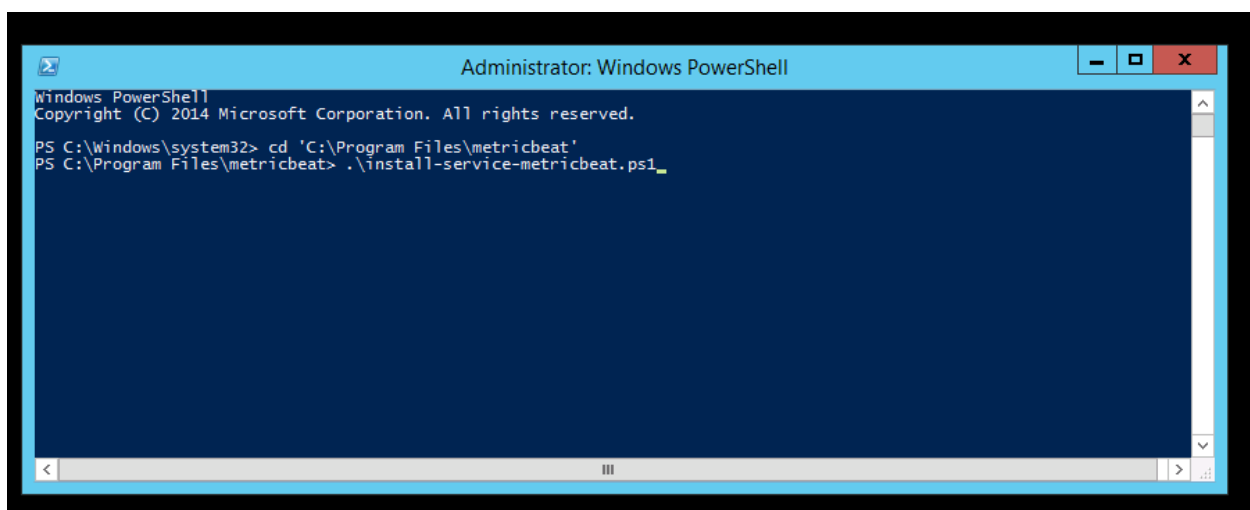
1. "Download the Metricbeat Windows zip file from the [downloads page](#).
2. Extract the contents of the zip file into C:\Program Files.
3. Rename the metricbeat-<version>-windows directory to Metricbeat."



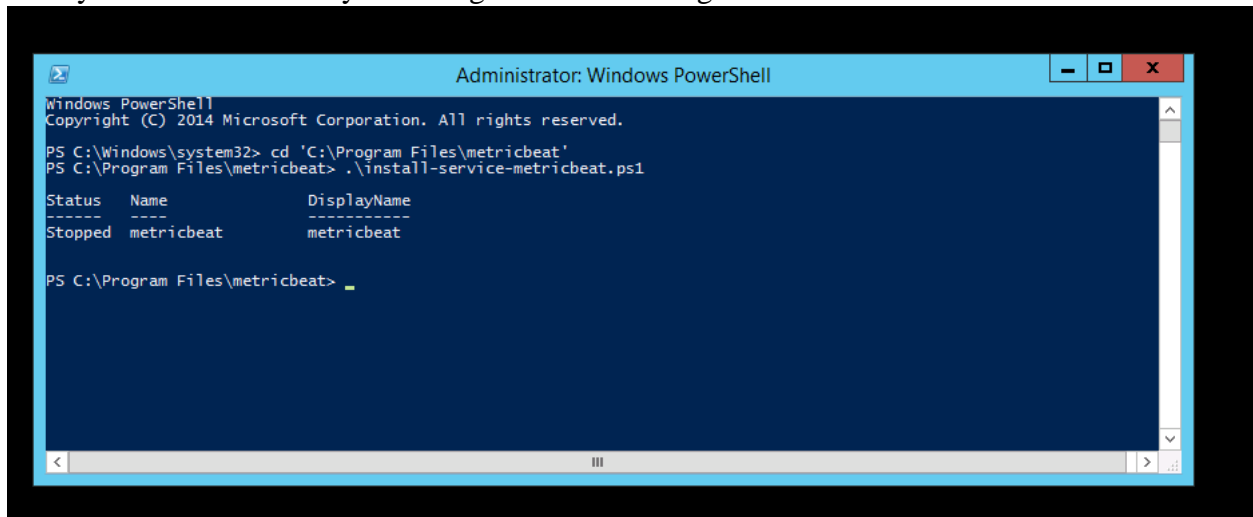
4.”Open a PowerShell prompt as an Administrator (right-click the PowerShell icon and select **Run As Administrator**).”



5.”From the PowerShell prompt, run the following commands to install Metricbeat as a Windows service:”



Now you have successfully installing the metricbeat agent on the server.



The screenshot shows a Windows PowerShell window titled "Administrator: Windows PowerShell". The command prompt shows the following sequence of commands and output:

```
Windows PowerShell
Copyright (C) 2014 Microsoft Corporation. All rights reserved.

PS C:\Windows\system32> cd 'C:\Program Files\metricbeat'
PS C:\Program Files\metricbeat> .\install-service-metricbeat.ps1

Status      Name            DisplayName
-----
Stopped     metricbeat      metricbeat

PS C:\Program Files\metricbeat> _
```

6.on metricbeat.yml change the below as you need ex. Add TLS cert and enable https if needed, on Elasticsearch output section:

```
# ----- Elasticsearch
Output -----
output.elasticsearch:
  # Array of hosts to connect to.
➡ hosts: ["rawan:9200"]

  # Protocol - either `http` (default) or `https`.
  #protocol: "https"

  # Authentication credentials - either API key or
  username/password.
  #api_key: "id:api_key"
➡ username: "elastic"
➡ password: "changeme"|
-
```

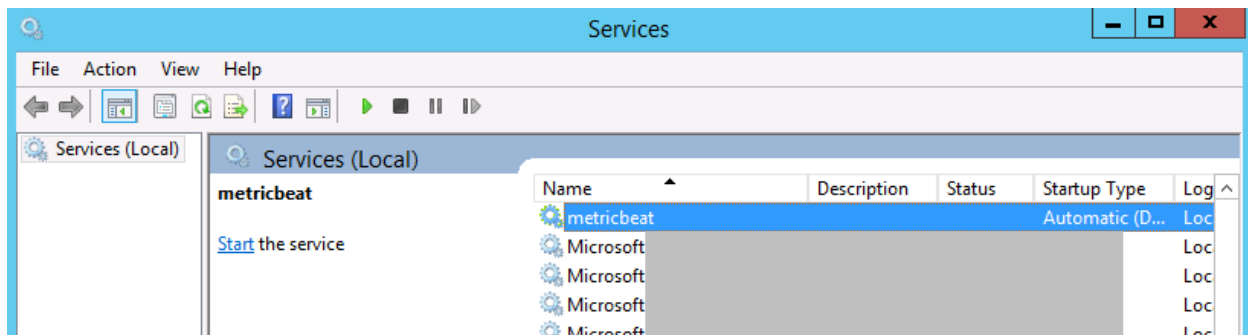
7. Test your configuration file by using “./metricbeat.exe test config -e” command

```
PS C:\Program Files\metricbeat> .\metricbeat.exe test config -e
2021-05-30T14:50:50.689+0300 INFO instance/beat.go:645 Home path: [C:\Program Files\metricbeat] Config path: [C
:\Program Files\metricbeat] Data path: [C:\Program Files\metricbeat\data] Logs path: [C:\Program Files\metricbeat\logs]
2021-05-30T14:50:50.691+0300 INFO instance/beat.go:653 Beat ID: dcd7daef-f4a7-4c28-80bd-dc761551b7fd
2021-05-30T14:50:50.698+0300 INFO [beat] instance/beat.go:981 Beat info {"system_info": {"beat": {"path"
: {"config": "C:\\Program Files\\metricbeat", "data": "C:\\Program Files\\metricbeat\\data", "home": "C:\\Program Files\\
\\metricbeat", "logs": "C:\\Program Files\\metricbeat\\logs"}, "type": "metricbeat", "uuid": "dcd7daef-f4a7-4c28-80bd-dc7
61551b7fd"}}}}
2021-05-30T14:50:50.698+0300 INFO [beat] instance/beat.go:990 Build info {"system_info": {"build": {"comm
it": "1428d58cf2ed945441fb2ed03961cafa9e4ad3eb", "libbeat": "7.10.0", "time": "2020-11-09T20:08:45.000Z", "version": "7.
10.0"}}}}
2021-05-30T14:50:50.699+0300 INFO [beat] instance/beat.go:993 Go runtime info {"system_info": {"go": {"os": "wi
ndows", "arch": "amd64", "max_procs": 8, "version": "go1.16.2"}}}
2021-05-30T14:50:50.702+0300 INFO [ ] {"system_info": {"host": {"name": "DESKTOP-000000", "type": "desktop", "os": "windows", "arch": "x86_64", "boot_time": "2021-04-19T00:00:00.0000000e0", "kernel_version": "10.0.19041.1", "fe80::5efe:a00:177:128", "kernel_version": "10.0.19041.1", "os": {"family": "windows", "major": 3, "minor": 0, "patch": 0, "build": "13ec-44fb-a5f7-1532d79692fa"}}}}
2021-05-30T14:50:50.703+0300 INFO [beat] instance/beat.go:1026 Process info {"system_info": {"process": {"cwo
id": "C:\\Program Files\\metricbeat", "exe": "C:\\Program Files\\metricbeat-7.10.0-windows-x86_64\\metricbeat.exe", "name
": "metricbeat.exe", "pid": 29232, "ppid": 30996, "start_time": "2021-05-30T14:50:48.425+0300"}}}}
2021-05-30T14:50:50.703+0300 INFO instance/beat.go:299 Setup Beat: metricbeat; Version: 7.10.0
2021-05-30T14:50:50.703+0300 INFO [index-management] idxmgmt/std.go:184 Set output.elasticsearch.index t
o 'metricbeat-7.10.0' as ILM is enabled.
2021-05-30T14:50:50.704+0300 INFO eslegclient/connection.go:99 elasticsearch url:
2021-05-30T14:50:50.704+0300 INFO [publisher] pipeline/module.go:113 Beat name:
Config OK
PS C:\Program Files\metricbeat>
```

8. Open the services App:

```
PS C:\Program Files\metricbeat> services.msc
PS C:\Program Files\metricbeat>
```

9. Start metricbeat services:



10. Create metricbeat index from stack management >> index management as shown below:

## Index Management

[Index Management docs](#)

[Indices](#)[Data Streams](#)[Index Templates](#)[Component Templates](#)

Update your Elasticsearch indices individually or in bulk. [Learn more.](#)

✕

Lifecycle status Lifecycle phase

Reload indices

<input type="checkbox"/>	Name	Health	Status	Primaries	Replicas	Docs count	Storage size	Data stream
<input type="checkbox"/>	metricbeat-7.10.0-2021.05.30-000001	● yellow	open	1	1	122	283.1kb	

Rows per page: 10 < 1 >

11. Create the index pattern:

## Index patterns

[Create index pattern](#)

Create and manage the index patterns that help you retrieve your data from Elasticsearch.

12. Define the name:

## Create index pattern

An index pattern can match a single source, for example, `filebeat-4-3-22`, or **multiple** data sources, `filebeat-*`.  
[Read documentation](#)

### Step 1 of 2: Define an index pattern

Index pattern name

Next step >

Use an asterisk (\*) to match multiple indices. Spaces and the characters `\, /, ?, *, <, >, |` are not allowed.

☒ Include system and hidden indices

✓ Your index pattern matches 2 sources.

metricbeat-7.10.0	Alias
metricbeat-7.10.0-2021.05.30-000001	Index

Rows per page: 10

### 13. Setting @timestamp as primary field:

#### Create index pattern

An index pattern can match a single source, for example, `filebeat-4-3-22`, or **multiple** data sources, `filebeat-*`.  
[Read documentation](#)

---

#### Step 2 of 2: Configure settings

Specify settings for your **metricbeat\*** index pattern.

Select a primary time field for use with the global time filter.

Time field

Refresh

@timestamp

---

> Show advanced settings

< Back

Create index pattern

Now you have your metricbeat index:

#### metricbeat\*

★ ↺ 🗑

Time field: '@timestamp'

This page lists every field in the **metricbeat\*** index and the field's associated core type as recorded by Elasticsearch. To change a field type, use the Elasticsearch [Mapping API](#)

Fields (3742) Scripted fields (0) Source filters (0)

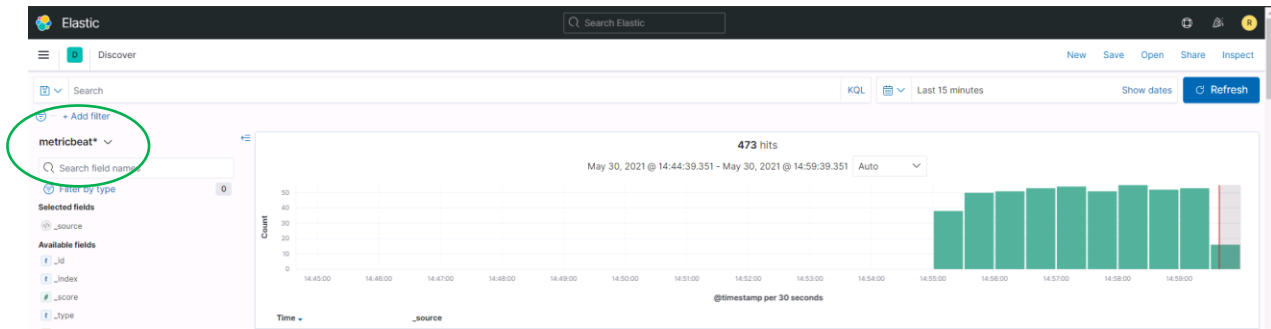
All field types

Name	Type	Format	Searchable	Aggregatable	Excluded
@timestamp	date		●	●	✎
_id	string		●	●	✎
_index	string		●	●	✎
_score	number				✎
_source	_source				✎
_type	string		●	●	✎
activemq.broker.connections.count	number		●	●	✎
activemq.broker.consumers.count	number		●	●	✎
activemq.broker.mbean	string		●	●	✎
activemq.broker.memory.broker.pct	number		●	●	✎

Rows per page: 10

< 1 2 3 4 5 ... 375 >

And as shown below, you will start receiving the data in the discover section from metricbeat index:



References:

<https://www.elastic.co/guide/en/beats/metricbeat/current/metricbeat-installation-configuration.html>