

Supervision

- Elastic Search Installation

Elastic Search Installation

Voici la procédure pour installer l'agent APM pour TOMCAT Linux.

La dernière version actuelle est : [elastic-apm-agent-1.46.0.jar](#)

Download the APM agent

Download the agent jar from [Maven Central](#). Do not add the agent as a dependency to your application.

Start your application with the javaagent flag

Add the `-javaagent` flag and configure the agent with system properties.

- Set the required service name (allowed characters: a-z, A-Z, 0-9, -, _, and space)
- Set the custom APM Server URL (default: `http://localhost:8200`)
- Set the APM Server secret token
- Set the service environment
- Set the base package of your application

Configuration setting

Configuration value

Configuration setting	Configuration value
Delastic.apm.service_name	my-service-name
Delastic.apm.secret_token	nv32xNSLMjK80VI793
Delastic.apm.server_url	https://3608c6cb2bb74c299668d92e02aeef8.lo gaas.idfm-ob.fr:9243
Delastic.apm.environment	my-environment

```
1 java -javaagent:/path/to/elastic-apm-agent-<version>.jar \  
2 -Delastic.apm.service_name=my-service-name \  
3 -Delastic.apm.secret_token=nv32xNSLMjK80VI793 \  
4 -Delastic.apm.server_url=https://3608c6cb2bb74c299668d92e02aeef8.lo  
5 gaas.idfm-ob.fr:9243 \  
6 -Delastic.apm.environment=my-environment \  
7 -Delastic.apm.application_packages=org.example \  
-jar my-service-name.jar
```

Voici la procédure pour installer l'agent APM pour Ruby on Rails Linux.

Ruby on Rails

Configure instrumentation for Ruby on Rails applications.

Install the APM agent

Add the agent to your Gemfile.

```
gem 'elastic-apm'
```

Configure the agent

APM is automatically started when your app boots. Configure the agent, by creating the config file
`config/elastic_apm.yml`

Configuration setting	Configuration value
service_name	my-service-name
secret_token	nv32xNSLMjK80VI793
server_url	https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243
environment	my-environment

```
1 | # config/elastic_apm.yml:
2 |
3 | service_name: 'my-service-name'
4 |
5 | secret_token: 'nv32xNSLMjK80VI793'
6 |
7 | server_url: 'https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243'
8 |
9 | environment: 'my-environment'
```

Voici la procédure pour installer l'agent APM pour TOMCAT Windows.

2 Edit the configuration

If you're using an X-Pack secured version of Elastic Stack, you must specify credentials in the `apm-server.yml` config file.

```
output.elasticsearch:
  hosts: ["<es_url>"]
  username: <username>
  password: <password>
```



3 Start APM Server

The server processes and stores application performance metrics in Elasticsearch.

```
Start-Service apm-server
```



4 APM Server status

Voici la procédure pour installer l'agent APM pour ASP.net.



.NET

.NET

Configure instrumentation for .NET applications.

Download the APM agent

Add the the agent package(s) from [NuGet](#) to your .NET application. There are multiple NuGet packages available for different use cases.

For an ASP.NET Core application with Entity Framework Core download the [Elastic.Apm.NetCoreAll](#) package. This package will automatically add every agent component to your application.

In case you would like to minimize the dependencies, you can use the [Elastic.Apm.AspNetCore](#) package for just ASP.NET Core monitoring or the [Elastic.Apm.EfCore](#) package for just Entity Framework Core monitoring.

In case you only want to use the public Agent API for manual instrumentation use the [Elastic.Apm](#) package.

Add the agent to the application

In case of ASP.NET Core with the `Elastic.Apm.NetCoreAll` package, call the `UseAllElasticApm` method in the `Configure` method within the `Startup.cs` file.

```
public class Startup
{
    public void Configure(IApplicationBuilder app, IHostingEnvironment env)
    {
        app.UseAllElasticApm(Configuration);
        //...rest of the method

        //...rest of the class
    }
}
```



Passing an `IConfiguration` instance is optional and by doing so, the agent will read config settings through this `IConfiguration` instance (e.g. from the `appsettings.json` file).

Configuration setting	Configuration value
ServiceName	my-service-name
SecretToken	nv32xNSLMjK80VI793
ServerUrl	https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243
Environment	my-environment

```
1 {
2   "ElasticApm": {
3     "ServiceName": "my-service-name",
4     "SecretToken": "nv32xNSLMjK80VI793",
5     "ServerUrl": "https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243",
6     "Environment": "my-environment",
7   }
8 }
```



Voici la procédure pour installer l'agent APM pour Node.js



Node.js

Configure instrumentation for Node.js applications.

Install the APM agent

Install the APM agent for Node.js as a dependency to your application.

```
npm install elastic-apm-node --save
```



Configure the agent

Agents are libraries that run inside of your application process. APM services are created programmatically based on the `serviceName`. This agent supports a variety of frameworks but can also be used with your custom stack.

Configuration setting	Configuration value
serviceName	my-service-name
secretToken	nv32xNSLMjK80VI793
serverUrl	https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243
environment	my-environment

```
1 // Add this to the very top of the first file loaded in your app
2 var apm = require('elastic-apm-node').start({
3   serviceName: 'my-service-name',
4
5   secretToken: 'nv32xNSLMjK80VI793',
6
7   serverUrl: 'https://3608c6cb2bb74c299668d92e02aeef8.logaas.idfm-ob.fr:9243',
8
9   environment: 'my-environment'
10 })
```

