

elasticsearch_installatie



context

dit document beschrijft de installatie van Elasticsearch

installatie

1. voeg [ELK stack repository](#) toe
2. installeer elasticsearch
 1. YUM:

```
sudo yum install elasticsearch
```

2. APT:

```
sudo apt-get install elasticsearch
```

3. activeer de service @boot:
 1. YUM:

```
sudo systemctl daemon-reload  
sudo systemctl enable elasticsearch.service
```

2. APT:

```
systemctl daemon-reload  
systemctl enable elasticsearch.service
```

4. indien /tmp directory mount optie noexec heeft, voer onderstaande stappen uit:
 1. open /etc/sysconfig/elasticsearch
 2. voeg toe:

```
# Added since /tmp has noexec permission set and JNA needs exec  
permissions  
ES_TMPDIR=/var/lib/elasticsearch/tmp
```

3. maak de vermelde directory aan en stel toegangsrechten in:

```
mkdir /var/lib/elasticsearch/tmp && chown elasticsearch  
/var/lib/elasticsearch/tmp
```

5. start de services:

```
sudo systemctl start elasticsearch.service
```

testen

- stuur een HTTP-request naar de service:

```
curl -X GET "localhost:9200/?pretty"
```

- output:

```
{
  "name" : "kv-tb01",
  "cluster_name" : "elasticsearch",
  "cluster_uuid" : "FkLzX9hMQyGq5WKjkoSkMw",
  "version" : {
    "number" : "7.5.2",
    "build_flavor" : "default",
    "build_type" : "rpm",
    "build_hash" : "8bec50e1e0ad29dad5653712cf3bb580cd1afcdf",
    "build_date" : "2020-01-15T12:11:52.313576Z",
    "build_snapshot" : false,
    "lucene_version" : "8.3.0",
    "minimum_wire_compatibility_version" : "6.8.0",
    "minimum_index_compatibility_version" : "6.0.0-beta1"
  },
  "tagline" : "You Know, for Search"
}
```

configuratie

Ga nu verder met de [elasticsearch_configuratie](#)

problemen, problemen

logboeken

- open `/var/log/elasticsearch/elasticsearch.log`

bij opstarten service:

fout:

```
[2020-02-07T14:29:35,151][ERROR][o.e.b.ElasticsearchUncaughtExceptionHandler]
[kv-tb01] fatal error in thread [main], exiting
java.lang.NoClassDefFoundError: Could not initialize class com.sun.jna.Native
oorzaak: /tmp heeft noexec mount optie.
```

meer info

voeg hier linken toe naar verdere uitleg

[elk stack](#)

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