

## 31. GIẢI PHÁP-TESTING - Task #1252

Task # 1211 (Closed): Cài đặt server log tập trung

### Add/remove host trên cluster elasticsearch

08-10-2024 08:30 - Minh Pham

<b>Trạng thái:</b>	Closed	<b>Bắt đầu:</b>	08-10-2024
<b>Mức ưu tiên:</b>	Normal	<b>Hết hạn:</b>	13-10-2024
<b>Phân công cho:</b>	Minh Pham	<b>Tiến độ:</b>	0%
<b>Chủ đề:</b>		<b>Thời gian ước lượng:</b>	0:00 giờ
<b>Phiên bản:</b>		<b>Thời gian:</b>	0:00 giờ

#### Mô tả

Mục tiêu : Mở rộng cluster hoặc thay thế node khi node bị lỗi trong cluster

Kết quả thực hiện :

-Remove host

Đã remove host elk3

The screenshot displays the 'Nodes' page in the Elasticsearch Kibana interface. At the top, there's a search bar and navigation tabs for 'Clusters', 'clusters', and 'Elasticsearch'. Below that, a summary bar shows the cluster status as 'Yellow', 2 nodes, 27 indices, 54 total shards, 18 unassigned shards, 20,034,419 documents, and 6.7 GB of data. A table below lists the nodes:

Name	Alerts	Status	Shards	CPU Usage	Load Average	JVM Heap	Disk Free Space
elk3 192.168.69.193:9300	Clear	Offline	N/A	N/A	N/A	N/A	N/A
elk2 192.168.69.192:9300	Clear	Online	18	↑ 11%	↑ 0.24	↑ 57%	↓ 30.3 GB
elk1 192.168.69.191:9300	Clear	Online	18	↓ 1%	↑ 0.2	↓ 19%	↓ 30.3 GB

-Add new host

Sau khi remove host elk3, add thêm host elk4 để thay thế node elk3

```

# Path to log files:
#
#path.logs: /var/log/elasticsearch

cluster.name: clustera
path.data: /var/lib/elasticsearch
path.logs: /var/log/elasticsearch

bootstrap.memory_lock: true

network.host: 0.0.0.0
http.port: 9200

#discovery.type: 'single-node'
discovery.seed_hosts: '192.168.69.191,192.168.69.192,192.168.69.195'
cluster.initial_master_nodes: '192.168.69.191,192.168.69.192,192.168.69.195'
node.master: true

indices.query.bool.max_clause_count: 8192
search.max_buckets: 250000

action.destructive_requires_name: 'true'

#xpack.security.http.ssl.enabled: 'true'
#xpack.security.http.ssl.verification_mode: 'none'
#xpack.security.http.ssl.certificate_authorities: /etc/elasticsearch/certs/ca/ca.crt
#xpack.security.http.ssl.key: /etc/elasticsearch/certs/myhost/myhost.key
#xpack.security.http.ssl.certificate: /etc/elasticsearch/certs/myhost/myhost.crt

xpack.monitoring.enabled: 'true'
xpack.monitoring.collection.enabled: 'true'
xpack.monitoring.collection.interval: 30s

xpack.security.enabled: 'false'
#xpack.security.enabled: 'true'

xpack.security.audit.enabled: 'false'
#
# ----- Memory -----
#
# Lock the memory on startup:
#
#bootstrap.memory_lock: true
#
# Make sure that the heap size is set to about half the memory available
# on the system and that the owner of the process is allowed to use this
# limit.
#

```

```

root@elk1:~# curl 'localhost:9200/_cat/nodes?v&h=id,ip,port,v,m'
id ip port v m
kl43 192.168.69.195 9300 7.17.24 *
ETCN 192.168.69.192 9300 7.17.24 -
weHi 192.168.69.191 9300 7.17.24 -
root@elk1:~# curl 'localhost:9200/_cat/master?v'
id host ip node
kl43Drx4RDqY47XbvLGi7A 192.168.69.195 192.168.69.195 elk04

```

```

root@elk1:~# tail -f /var/log/elasticsearch/cluster.log
[2024-10-10T08:27:32,254][INFO ][o.e.i.s.IndexShard      ] [elk1] [logstash-2024.10.04-000001][0] primary-r
eplica resync completed with 0 operations
[2024-10-10T08:27:32,255][INFO ][o.e.i.s.IndexShard      ] [elk1] [.ds-.logs-deprecation.elasticsearch-defa
ult-2024.10.02-000001][0] primary-replica resync completed with 0 operations
[2024-10-10T08:27:32,254][INFO ][o.e.i.s.IndexShard      ] [elk1] [.monitoring-kibana-7-2024.10.09][0] prim
ary-replica resync completed with 0 operations
[2024-10-10T08:27:32,255][INFO ][o.e.i.s.IndexShard      ] [elk1] [.monitoring-es-7-2024.10.06][0] primary-
replica resync completed with 0 operations
[2024-10-10T08:27:32,270][INFO ][o.e.i.s.IndexShard      ] [elk1] [.async-search][0] primary-replica resync
completed with 0 operations
[2024-10-10T08:27:32,275][INFO ][o.e.i.s.IndexShard      ] [elk1] [.monitoring-kibana-7-2024.10.07][0] prim
ary-replica resync completed with 0 operations
[2024-10-10T08:27:32,276][INFO ][o.e.i.s.IndexShard      ] [elk1] [.apm-custom-link][0] primary-replica res
ync completed with 0 operations
[2024-10-10T08:27:32,290][INFO ][o.e.i.s.IndexShard      ] [elk1] [.monitoring-kibana-7-2024.10.10][0] prim
ary-replica resync completed with 0 operations
[2024-10-10T08:27:32,291][INFO ][o.e.i.s.IndexShard      ] [elk1] [.security-7][0] primary-replica resync c
ompleted with 0 operations
[2024-10-10T08:27:50,490][INFO ][o.e.c.s.ClusterApplierService] [elk1] added {{elk2}{ETCht5BTGWiBGtUy TeQw}
{fCfDUXgDSNm_aKNyKTbqww}{192.168.69.192}{192.168.69.192:9300}{cdfhilmrstw}}, term: 15, version: 794, reason:
ApplyCommitRequest{term=15, version=794, sourceNode={elk04}{k143Drx4RDqY47XbvLGi7A}{Izxgo8pzRhi2iAxHSTuxaA}
{192.168.69.195}{192.168.69.195:9300}{cdfhilmrstw}{ml.machine_memory=8323072000, ml.max_open_jobs=512, xpack
.installed=true, ml.max_jvm_size=2147483648, transform.node=true}}

```

## Lược sử

### #1 - 08-10-2024 08:46 - Minh Pham

- Mô tả cập nhật

### #2 - 14-10-2024 08:36 - Minh Pham

- Tập tin clipboard-202410140833-ksl8c.png được thêm
- Tập tin clipboard-202410140834-ietoh.png được thêm
- Tập tin clipboard-202410140834-k0ouu.png được thêm
- Tập tin clipboard-202410140834-oxno4.png được thêm
- Tập tin clipboard-202410140836-vjbxv.png được thêm
- Mô tả cập nhật

### #3 - 14-10-2024 13:49 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

## Tập tin

Tên tập tin	Kích thước	Ngày	Người tải lên
clipboard-202410140833-ksl8c.png	80,7 KB	14-10-2024	Minh Pham
clipboard-202410140834-ietoh.png	46,3 KB	14-10-2024	Minh Pham
clipboard-202410140834-k0ouu.png	10,1 KB	14-10-2024	Minh Pham
clipboard-202410140834-oxno4.png	49,2 KB	14-10-2024	Minh Pham
clipboard-202410140836-vjbxv.png	87,4 KB	14-10-2024	Minh Pham