

31. GIẢI PHÁP-TESTING - Task #1251

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

Setup cluster elastic search

08-10-2024 08:29 - Minh Pham

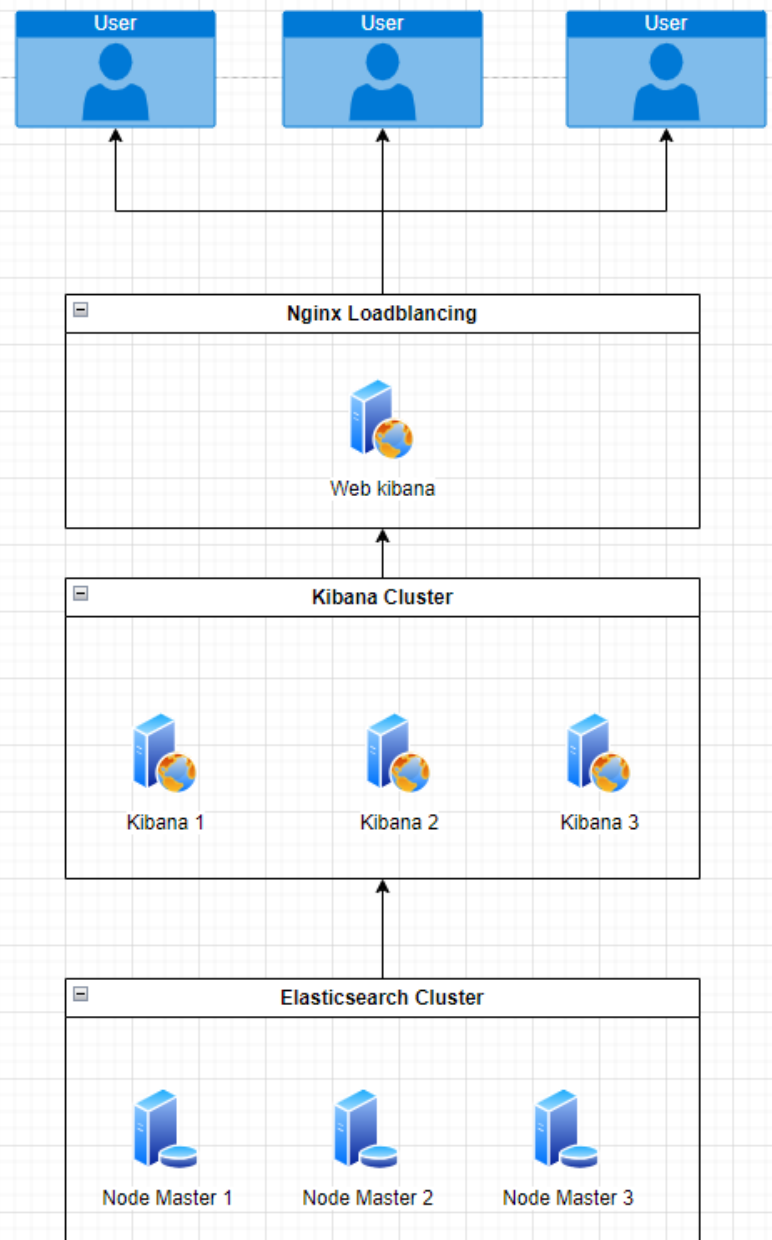
Trạng thái:	Closed	Bắt đầu:	07-10-2024
Mức ưu tiên:	Normal	Hết hạn:	13-10-2024
Phân công cho:	Minh Pham	Tiến độ:	0%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

Mục tiêu : Setup cluster elastic search

Kết quả thực hiện :

Mô hình triển khai



Thông tin server:

Thông tin cluster

elastic

Clusters > clustera > Elasticsearch

Alerts and rules

Enter setup mode

Last 15 minutes Show dates Refresh

Elasticsearch nodes

Overview Nodes Indices

Status Green Alerts 0 Nodes 3 Indices 22 JVM Heap 1.0 GB / 6.0 GB Total shards 44 Unassigned shards 0 Documents 8,008,431 Data 2.8 GB

Filter Nodes...

Name ↓	Alerts	Status	Shards	CPU Usage	Load Average	JVM Heap	Disk Free Space
elk3 192.168.69.193:9300	Clear	Online	14	↓ 7%	↓ 4.29	↑ 62%	↑ 33.9 GB
elk2 192.168.69.192:9300	Clear	Online	15	↓ 11%	↓ 4.02	↑ 57%	↓ 32.7 GB
elk1 192.168.69.191:9300	Clear	Online	15	↓ 9%	↓ 2.65	↑ 19%	↑ 32.8 GB

Rows per page: 20

Clusters > clustera > Kibana

Alerts and rules

Enter setup mode

Last 15 minutes Show dates Refresh

Kibana instances

Overview Instances

Status Green Alerts 0 Instances 3 Memory 885.3 MB / 6.1 GB Requests 3 Connections 1 Max. Response Time 991 ms

Filter Instances...

Name ↑	Alerts	Status	Load Average	Memory Size	Requests	Response Times
elk1	Clear	Green	0.82	299.1 MB	1	991 ms avg 991 ms max
elk2	Clear	Green	3.26	302.5 MB	1	452 ms avg 452 ms max
elk3	Clear	Green	3.15	283.8 MB	1	699 ms avg 699 ms max

Rows per page: 20

Clusters > clustera

Alerts and rules

Enter setup mode

Last 15 minutes Show dates Refresh

Cluster overview

clustera

Elasticsearch

Overview

Health Healthy

Version 7.17.24

Uptime 18 minutes

License Basic

Nodes: 3

Disk Available 72.05%
99.3 GB / 137.9 GB

JVM Heap 38.60%
2.3 GB / 6.0 GB

Indices: 22

Documents 8,013,401

Disk Usage 2.8 GB

Primary Shards 22

Replica Shards 22

Logs

No logs for Elasticsearch

Follow these directions to set up Elasticsearch.

Kibana Healthy

Overview

Requests 1

Max. Response Time 0 ms

Instances: 3

Connections 2

Memory Usage 14.08%
885.3 MB / 6.1 GB

```

at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:412) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:103) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:111) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:442) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:103) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:442) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:103) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:111) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:442) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.ByteToMessageDecoder.fireChannelRead(ByteToMessageDecoder.java:346) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.ByteToMessageDecoder.channelRead(ByteToMessageDecoder.java:318) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:444) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.ByteToMessageDecoder.fireChannelRead(ByteToMessageDecoder.java:412) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.ByteToMessageDecoder.channelRead(ByteToMessageDecoder.java:381) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:444) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.timeout.IdleStateHandler.channelRead(IdleStateHandler.java:286) [netty-handler-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:442) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:412) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.handler.codec.MessageToMessageDecoder.channelRead(MessageToMessageDecoder.java:103) [netty-codec-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:444) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.DefaultChannelPipeline$HeadContext.channelRead(DefaultChannelPipeline.java:1410) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.invokeChannelRead(AbstractChannelHandlerContext.java:440) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.AbstractChannelHandlerContext.fireChannelRead(AbstractChannelHandlerContext.java:420) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.DefaultChannelPipeline$ChannelHandlerContext.fireChannelRead(DefaultChannelPipeline.java:919) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.nio.NioEventLoop.processSelectedKey(NioEventLoop.java:166) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.nio.NioEventLoop.processSelectedKeysPlain(NioEventLoop.java:788) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.nio.NioEventLoop.processSelectedKeys(NioEventLoop.java:689) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.channel.nio.NioEventLoop.run(NioEventLoop.java:652) [netty-transport-4.1.94.Final.jar:4.1.94.Final]
at io.netty.util.concurrent.SingleThreadEventExecutor$4.run(SingleThreadEventExecutor.java:997) [netty-common-4.1.94.Final.jar:4.1.94.Final]
at io.netty.util.concurrent.ThreadExecutorMap$2.run(ThreadExecutorMap.java:74) [netty-common-4.1.94.Final.jar:4.1.94.Final]
at java.lang.Thread.run(Thread.java:1570) [?:?]
Caused by: org.elasticsearch.action.search.NoShardAvailableActionException: [elk1][192.168.69.191:9300][indices:data/read/open_reader_context]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.onShardFailure(AbstractSearchAsyncAction.java:532) ~[elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.onShardFailure(AbstractSearchAsyncAction.java:479) [elasticsearch-7.17.24.jar:7.17.24]
... 109 more
2024-10-07T16:46:14.466 [WARN ] [r.suppressed ] [elk1] path: /_kibana_task_manager_7.17.24_001/_pit, params: {index=_kibana_task_manager_7.17.24_001, keep_alive=10m}
org.elasticsearch.action.search.SearchPhaseExecutionException: all shards failed
at org.elasticsearch.action.search.AbstractSearchAsyncAction.onPhaseFailure(AbstractSearchAsyncAction.java:713) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.executeNextPhase(AbstractSearchAsyncAction.java:400) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.onPhaseDone(AbstractSearchAsyncAction.java:745) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.onShardFailure(AbstractSearchAsyncAction.java:497) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction.access$900(AbstractSearchAsyncAction.java:64) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.search.AbstractSearchAsyncAction$1.onFailure(AbstractSearchAsyncAction.java:331) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.action.ActionListenerResponseHandler.handleException(ActionListenerResponseHandler.java:48) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.transport.TransportService$4.handleException(TransportService.java:853) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.transport.TransportService$ContextRestoreResponseHandler.handleException(TransportService.java:1481) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.transport.TransportService$DirectResponseChannel.processException(TransportService.java:1607) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.transport.TransportService$DirectResponseChannel.sendResponse(TransportService.java:1581) [elasticsearch-7.17.24.jar:7.17.24]
at org.elasticsearch.transport.TaskTransportChannel.sendResponse(TaskTransportChannel.java:50) [elasticsearch-7.17.24.jar:7.17.24]

root@elk1:~# systemctl status elasticsearch.service
● elasticsearch.service - Elasticsearch
  Loaded: loaded (/lib/systemd/system/elasticsearch.service; enabled; vendor preset: enabled)
  Drop-In: /etc/systemd/system/elasticsearch.service.d
           └─elasticsearch.conf
  Active: active (running) since Mon 2024-10-07 16:32:58 UTC; 9h ago
  Docs: https://www.elastic.co
  Main PID: 901 (java)
  Tasks: 84 (limit: 9394)
  Memory: 4.6G
  CPU: 1h 1min 42.392s
  CGroup: /system.slice/elasticsearch.service
           └─ 901 /usr/share/elasticsearch/jdk/bin/java -Xshare:auto -Des.networkaddress.cache.ttl=60 -Des.networkaddress.cache.negative.ttl=10 -XX:+AlwaysPreTouch -Xss1m -Djava.awt.headless=true -jar /usr/share/elasticsearch/modules/x-pack-m/ml/platform/linux-x86_64/bin/controller

Oct 07 16:31:45 elk1 systemd[1]: Starting Elasticsearch...
Oct 07 16:31:58 elk1 systemd-entrypoint[901]: Oct 07, 2024 4:31:58 PM sun.util.locale.provider.LocaleProviderAdapter <clinit>
Oct 07 16:31:58 elk1 systemd-entrypoint[901]: WARNING: COMPAT locale provider will be removed in a future release
Oct 07 16:32:58 elk1 systemd[1]: Started Elasticsearch.

```

Lược sử

#1 - 08-10-2024 08:43 - Minh Pham

- Tập tin clipboard-202410080840-zrxsu.png được thêm
- Tập tin clipboard-202410080842-w4alr.png được thêm
- Tập tin clipboard-202410080842-gqbt8.png được thêm
- Tập tin clipboard-202410080842-gdti0.png được thêm
- Tập tin clipboard-202410080842-3mt20.png được thêm
- Tập tin clipboard-202410080843-gpfyf.png được thêm
- Mô tả cập nhật

#2 - 08-10-2024 08:44 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

Tên tập tin	Kích thước	Ngày	Người tải lên
clipboard-202410080840-zrxsu.png	37,3 KB	08-10-2024	Minh Pham
clipboard-202410080842-w4alr.png	81,6 KB	08-10-2024	Minh Pham
clipboard-202410080842-gqbt8.png	70,9 KB	08-10-2024	Minh Pham
clipboard-202410080842-gdti0.png	96,1 KB	08-10-2024	Minh Pham
clipboard-202410080842-3mt20.png	139 KB	08-10-2024	Minh Pham
clipboard-202410080843-gpfyf.png	37,4 KB	08-10-2024	Minh Pham