# 1 状态查看

## 基本状态查看

集群状态

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| --- |
| get \_cluster/health  get \_cluster/state  get \_cluster/settings  get \_cluster/pending\_tasks  注:  get \_cluster/health查看分片状态  get \_cluster/state查看nodes,metadata, indices信息 |

节点状态

|  |
| --- |
| get \_cat/nodes?v  #查看ip|heap.percent|ram.percent |load\_1m|load\_5m|load\_15m |node.role |master |name  get \_nodes  get \_nodes/stats  #这两条命令相同  #主要角色  "roles": [  "master",  "data",  "ingest"  ],  get \_nodes/hot\_threads  get \_nodes/node-1/hot\_threads  ::: {node-1}{BxHQfpeBRPq4CLOk61bOIQ}{-EzwOWxpTwyoekXMsssNIw}{192.168.11.73}{192.168.11.73:9300}  Hot threads at 2017-11-16T05:14:55.330Z, interval=500ms, busiestThreads=3, ignoreIdleThreads=true:  10.3% (51.3ms out of 500ms) cpu usage by thread 'elasticsearch[node-1][bulk][T#2]'  9/10 snapshots sharing following 2 elements  3.5% (17.5ms out of 500ms) cpu usage by thread 'elasticsearch[node-1][refresh][T#1]'  10/10 snapshots sharing following 2 elements |

索引状态

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| --- |
| GET \_cat/indices?v  GET \_all?pretty  GET \_all/\_stats  #健康状态  GET \_cluster/health?pretty&level=indices |

查看单个索引状态

|  |
| --- |
| get risklog-2017.11.10/\_stats  get risklog-2017.11.10/\_count  #查看mapping逻辑结构  get risklog-2017.11.10/\_mapping  #查看物理结构  get risklog-2017.11.10/\_search\_shards  get risklog-2017.11.10/\_segments |

分片状态

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| --- |
| GET \_cat/shards?help  GET\_cat/shards?v&h=index,shard,state,docs,store,ip,unassigned.reason,unassigned.details |

## 1.2巡检脚本

健康状态

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| --- |
| GET \_cluster/health  GET \_cluster/health?level=indices  GET \_cluster/health?level=shards  GET \_cluster/health?wait\_for\_status=green |

磁盘空间容量

|  |
| --- |
| GET \_cat/allocation?help  GET \_cat/allocation?v |

## 1.3分片恢复

### 1.3.1 待验证

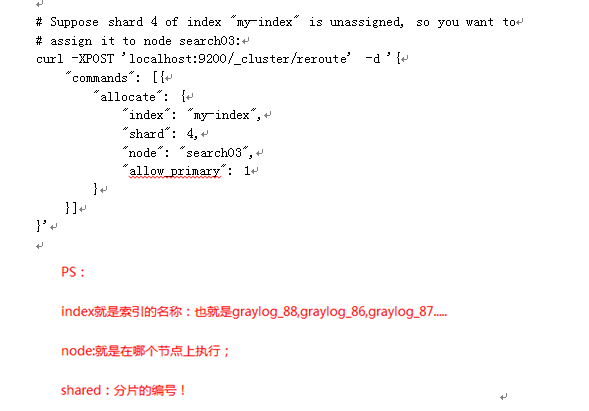
logstash-2017.08.03/\_recovery?human

logstash-2017.08.03/\_recovery?human&pretty

logstash-2017.08.03/\_stats?pretty

logstash-2017.08.03/\_shard\_stores?pretty

logstash-2017.08.03/\_shard\_stores?status=green&pretty



官网原话： 1、Allocate an unassigned shard to a node. Accepts the index and shard for index name and shard number, and node to allocate the shard to. It also accepts allow\_primary flag to explicitly specify that it is allowed to explicitly allocate a primary shard (might result in data loss).

2、Warning：The allow\_primary parameter will force a new empty primary shard to be allocatedwithout any data. If a node which has a copy of the original shard (including data) rejoins the cluster later on, that data will be deleted: the old shard copy will be replaced by the new live shard copy.

## 1.4 CAT api

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| --- |
| GET \_cat  GET /\_cat/indices?help  GET \_cat/indices?v&bytes=gb?v |