

← → ↻ ⓘ localhost:9200

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Pretty-print ☐

```
{
  "name" : "b3461ba1fa20",
  "cluster_name" : "docker-cluster",
  "cluster_uuid" : "sprZaCJ-TQ-ZPJgtzPVftQ",
  "version" : {
    "number" : "8.9.0",
    "build_flavor" : "default",
    "build_type" : "docker",
    "build_hash" : "8aa461beb06aa0417a231c345a1b8c38fb498a0d",
    "build_date" : "2023-07-19T14:43:58.555259655Z",
    "build_snapshot" : false,
    "lucene_version" : "9.7.0",
    "minimum_wire_compatibility_version" : "7.17.0",
    "minimum_index_compatibility_version" : "7.0.0"
  },
  "tagline" : "You Know, for Search"
}
```

#####

← → ↻ ⚠ Not Secure 192.168.64.16:5000

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```
{
  "endpoints": {
    "GET /healthcheck": "Get status of all services",
    "GET /healthcheck/<service>": "Get status of specific service",
    "GET /history": "Get historical monitoring data",
    "POST /add": "Add monitoring data to Elasticsearch"
  },
  "service": "rbcapp1 Monitoring API",
  "valid_services": [
    "apache2",
    "rabbitmq-server",
    "postgresql",
    "rbcapp1"
  ],
  "version": "1.0"
}
```

← → ↻ ⚠ Not Secure 192.168.64.16:5000/healthcheck/rbcapp1

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```
{
  "service_name": "rbcapp1",
  "status": "UP",
  "timestamp": "2025-08-12T09:46:46.787317Z"
}
```

#####

← → ↻ ⚠ Not Secure 192.168.64.16:5000/healthcheck/wrong

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```
{
  "error": "Invalid service name. Valid services: ['apache2', 'rabbitmq-server', 'postgresql', 'rbcapp1']"
}
```

← → ↻ ⚠ Not Secure 192.168.64.16:5000/healthcheck/apache2

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```
{
  "service_name": "apache2",
  "status": "UP",
  "timestamp": "2025-08-12T09:53:39.656261Z"
}
```

← → ↻ ⚠ Not Secure 192.168.64.16:5000/healthcheck/postgresql

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```
{
  "service_name": "postgresql",
  "status": "UP",
  "timestamp": "2025-08-12T09:54:34.282492Z"
}
```

POST http://192.168.64.16:5000/add Send

Params Authorization Headers (9) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

1 {"service_name":"httpd","service_status":"UP","host_name":"host1"}

Body Cookies Headers (5) Test Results

201 CREATED 114 ms 424 B Save Response

JSON Preview Visualize

```
1 {
2   "data": {
3     "host_name": "host1",
4     "service_name": "httpd",
5     "service_status": "UP",
6     "timestamp": "2025-08-12T10:12:11.750269Z"
7   },
8   "elasticsearch_id": "SjuVnJgBo1tLH501-yip",
9   "message": "Data successfully added to Elasticsearch"
10 }
```

#####

```
[(venv) bash-5.2$ ansible-playbook playbook.yml -e action=verify_install
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'
[WARNING]: Found variable using reserved name: action

PLAY [Install and configure httpd, rabbitmq, postgresql] *****

TASK [Gathering Facts] *****
ok: [localhost]

TASK [httpd : Install Apache httpd] *****
ok: [localhost]

TASK [httpd : Ensure Apache is started and enabled] *****
ok: [localhost]

TASK [rabbitmq : Install prerequisites] *****
ok: [localhost] => (item=rabbitmq-server)
ok: [localhost] => (item=erlang-nox)

TASK [rabbitmq : Ensure RabbitMQ service is started and enabled] *****
ok: [localhost]

TASK [postgresql : Install PostgreSQL] *****
ok: [localhost]

TASK [postgresql : Ensure PostgreSQL service is started and enabled] *****
ok: [localhost]

PLAY RECAP *****
localhost : ok=7  changed=0  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
```

```
[(venv) bash-5.2$ ansible-playbook playbook.yml -e action=check-status
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'
[WARNING]: Found variable using reserved name: action

PLAY [Install and configure httpd, rabbitmq, postgresql] *****

TASK [Gathering Facts] *****
ok: [localhost]

TASK [httpd : Install Apache httpd] *****
ok: [localhost]

TASK [httpd : Ensure Apache is started and enabled] *****
ok: [localhost]

TASK [rabbitmq : Install prerequisites] *****
ok: [localhost] => (item=rabbitmq-server)
ok: [localhost] => (item=erlang-nox)

TASK [rabbitmq : Ensure RabbitMQ service is started and enabled] *****
ok: [localhost]

TASK [postgresql : Install PostgreSQL] *****
ok: [localhost]

TASK [postgresql : Ensure PostgreSQL service is started and enabled] *****
ok: [localhost]

PLAY RECAP *****
localhost : ok=7 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

#####

(venv) bash-5.2$ ansible-playbook playbook.yml -e action=check-disk
[WARNING]: provided hosts list is empty, only localhost is available. Note that the implicit localhost does not match 'all'
[WARNING]: Found variable using reserved name: action

PLAY [Install and configure httpd, rabbitmq, postgresql] *****

TASK [Gathering Facts] *****
ok: [localhost]

TASK [httpd : Install Apache httpd] *****
ok: [localhost]

TASK [httpd : Ensure Apache is started and enabled] *****
ok: [localhost]

TASK [rabbitmq : Install prerequisites] *****
ok: [localhost] => (item=rabbitmq-server)
ok: [localhost] => (item=erlang-nox)

TASK [rabbitmq : Ensure RabbitMQ service is started and enabled] *****
ok: [localhost]

TASK [postgresql : Install PostgreSQL] *****
ok: [localhost]

TASK [postgresql : Ensure PostgreSQL service is started and enabled] *****
ok: [localhost]

PLAY RECAP *****
localhost : ok=7 changed=0 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
```