

WNAM

1.1.512 WNAM , , , WNAM , . 10 . , () .

WNAM MongoDB () . , Kafka ([Kafka](#)).

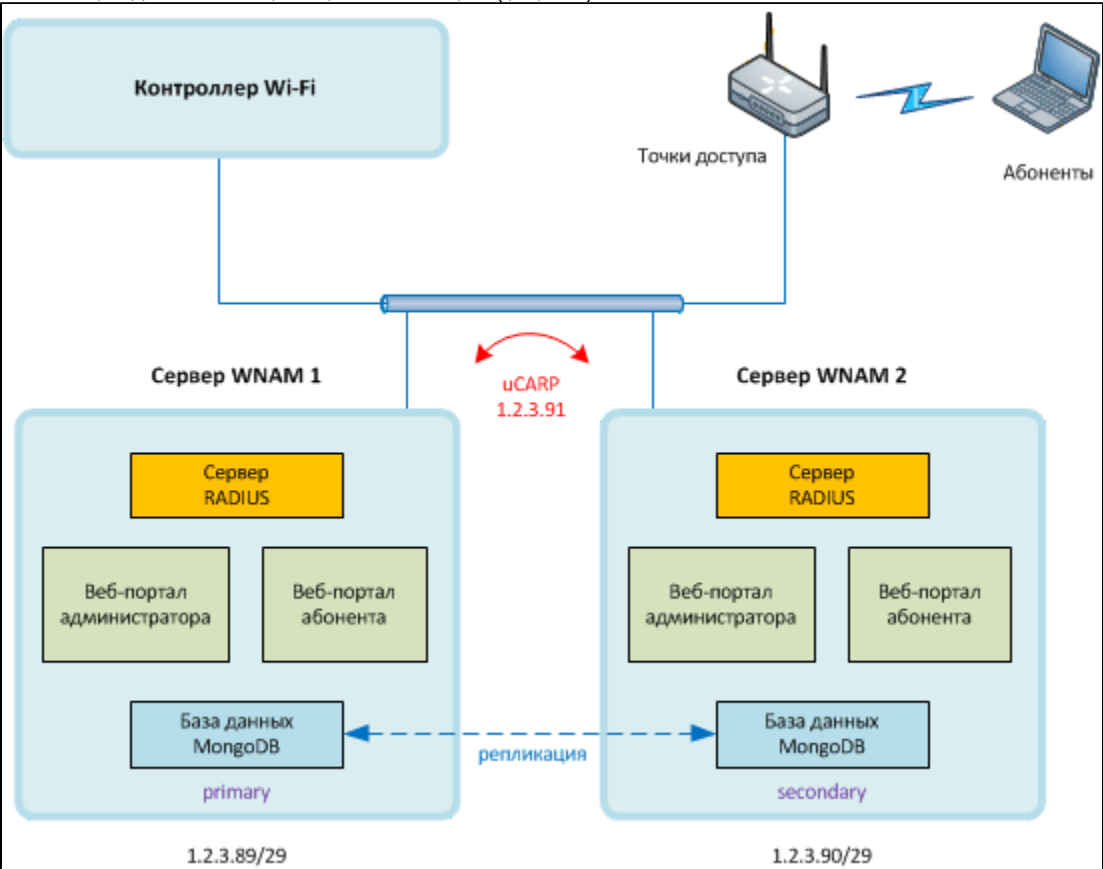
MongoDB 3.0 Linux - ucarp keepalived, "" IP- .

 WNAM .

:

- MongoDB;
- WNAM ;
- IP- .

WNAM , , , WNAM , , , WNAM , (, - ,) .



MongoDB

MongoDB (). (replica set), (primary) () (secondary) , , (arbiter). MongoDB .

, , . , , () .

		IP-		
1	wnam-srv1.domain.net	1.2.3.89	PRIMARY	2
2	wnam-srv2.domain.net	1.2.3.90	SECONDARY	1
3	wnam-arbiter.domain.net	1.2.3.92	ARBITER	0
-	wnam.domain.net	1.2.3.91	WNAM	MongoDB

/etc/hosts "127.0.0.1 localhost wnam-srv1.domain.net", . /etc/mongod.conf :

```
replication:
  replSetName: rs0
```

MongoDB , ,:

```
mongo
rs.initiate()
rs.add("wnam-srv2.domain.net")
rs.addArb("wnam-arbiter.domain.net")
```

:

```
cfg = rs.conf()
cfg.members[0].priority = 2
cfg.members[1].priority = 1
cfg.members[2].priority = 0
rs.reconfig(cfg)
```

:

```
rs.conf()
```

:

```
rs.status()
```

:

```
rs0:PRIMARY> rs.status();
{
  "set" : "rs0",
  "date" : ISODate("2015-12-13T15:56:18.191Z"),
  "myState" : 1,
  "members" : [
    {
      "_id" : 0,
      "name" : "wnam-srv1.domain.net:27017",
      "health" : 1,
      "state" : 1,
      "stateStr" : "PRIMARY",
      "uptime" : 16387,
      "optime" : Timestamp(1450020906, 3),
      "optimeDate" : ISODate("2015-12-13T15:35:06Z"),
      "electionTime" : Timestamp(1450020295, 1),
      "electionDate" : ISODate("2015-12-13T15:24:55Z"),
      "configVersion" : 6,
      "self" : true
    },
    {
      "_id" : 1,
      "name" : "wnam-srv2.domain.net:27017",
      "health" : 1,
      "state" : 2,
      "stateStr" : "SECONDARY",
      "uptime" : 1886,
      "optime" : Timestamp(1450020906, 3),
      "optimeDate" : ISODate("2015-12-13T15:35:06Z"),
      "lastHeartbeat" : ISODate("2015-12-13T15:56:16.803Z"),
      "lastHeartbeatRecv" : ISODate("2015-12-13T15:56:17.362Z"),
      "pingMs" : 0,
      "syncingTo" : "wnam-srv1.domain.net:27017",
      "configVersion" : 6
    },
    {
      "_id" : 2,
      "name" : "wnam-arbiter.domain.net:27017",
      "health" : 1,
      "state" : 7,
      "stateStr" : "ARBITER",
      "uptime" : 1886,
      "lastHeartbeat" : ISODate("2015-12-13T15:56:17.004Z"),
      "lastHeartbeatRecv" : ISODate("2015-12-13T15:56:17.361Z"),
      "pingMs" : 0,
      "configVersion" : 6
    }
  ],
  "ok" : 1
}
```

MongoDB . , (secondary) (/var/lib/mongodb/).

WNAM

(primary secondary) WNAM (.). WNAM , , . WNAM 2023 Hazelcast. /home/wnam/wnam.conf, , WNAM:

```
export JAVA_OPTS="-Xms1g -Xmx12g -Djava.net.preferIPv4Stack=true -
DHZ_OC_MEMBERS=wnam-app1,wnam-app2"

export LOG_FOLDER="/home/wnam/logs"
export LOG_FILENAME="console.log"
```

WNAM 2023 Hazelcast. /home/wnam/wnam.conf .

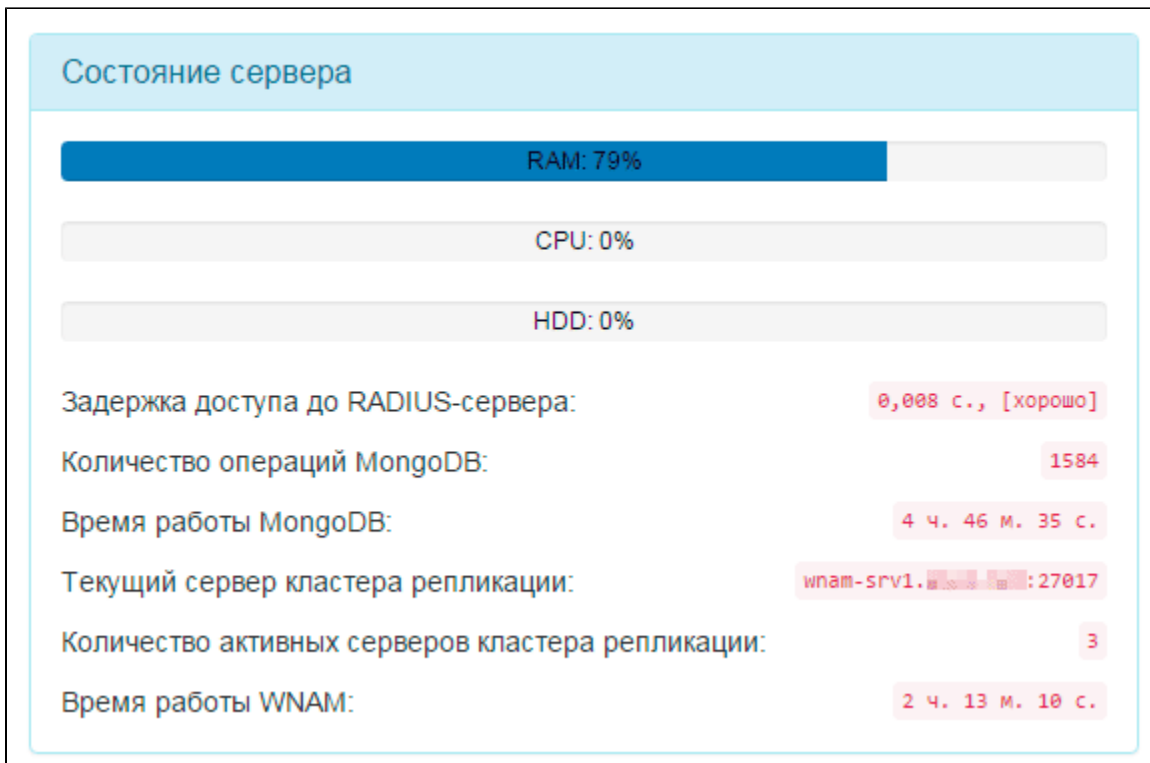
/home/wnam/application.yaml, , MongoDB:

```
...
spring:
  data:
    mongodb:
      uri=mongodb://wnam-db1,wnam-db2,wnam-db3/wnam_db
...
```

```
spring:
  data:
    mongodb:
      uri=mongodb://wnam-db1,wnam-db2,wnam-db2:27120/wnam_db
```

```
netams:
  wnam:
    cluster:
      role=master
```

WNAM



WNAM,

IP-

WNAM - Linux.

- primary secondary. - MongoDB, IP-,

multicast, :

- [keepalived \(unicast\);](#)
- [ucarp \(multicast\);](#)

, - WNAME DNS- - . 30 WNAME , . .

- , RADIUS- .. **1.2.3.91** DNS- **wname.domain.net.** , nginx () IP- , .

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