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| Cloudmonitor环境部署文档 |
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| **8/12/2020** |

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# 文档说明

环境部署需要3台虚拟机，包括2台cloudmonitor虚拟机和1台influxdb。

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| --- | --- |
| 虚拟机名称 | 管理地址 |
| influxdb | IP-3（10.10.10.100） |
| cloudmonitor-1（主） | IP-1（10.10.10.101） |
| cloudmonitor-2（备） | IP-2（10.10.10.102） |

另外需要申请1个IP，作为cloudmonitor的vip使用。

|  |  |
| --- | --- |
| IP用途 | VIP |
| cloudmonitor 的vip | IP-5（10.0.10.103） |

注：上表中的IP为实验室中的IP，现场根据实际情况分配。

安装依赖包

|  |  |
| --- | --- |
| 包名称 | MD5 |
| cloudmonitor.tar.gz |  |

# influxdb环境部署

将安装包 cloudmonitor.tar.gz 上传到influxdb服务器/root/目录下。

1. 解压cloudmonitor.tar.gz

tar -xvf /root/cloudmonitor.tar.gz

2. 执行安装脚本

cd /root/cloudmonitor

./install-influx-offline.sh

# cloudmonitor-1（主）环境部署

将安装包 cloudmonitor.tar.gz 上传到cloudmonitor-1服务器/root/目录下。

1. 解压cloudmonitor.tar.gz

tar -xvf /root/cloudmonitor.tar.gz

2. 执行安装脚本

cd /root/cloudmonitor

./install-offline.sh

3. 修改cloudmonitor配置

vi /etc/cloudmonitor/cloudmonitor.conf

[DEFAULT]

debug=True

data\_source=influxdb

[database]

connection=mysql+pymysql://cloudmonitor:cloudmonitor@10.10.10.100/cloudmonitor

[influxdb]

url=http://10.10.10.100:8086

username=cloudmonitor

password=cloudmonitor

database=cloudmonitor

retention\_policy=autogen

organization=nsb

[rocketmq]

namesrv\_addr=10.10.10.100:9876

producer\_group=iam-cloud-producer

cm\_topic=iam-cloud-bc-configure-topic

pm\_topic=iam-cloud-bc-performance-topic

max\_message\_size=4194304

[ftp]

host=10.10.10.100

port=21

connection\_timeout=60

username=ftp

password=ftp

nat\_dir=/pub/nat

ipsec\_dir=/pub/ipsec

vlb\_dir=/pub/vlb

vlb\_listener\_dir=/pub/vlb\_listener

[task\_scheduler]

task\_conf\_path=/etc/cloudmonitor/task.json

max\_subtask = 100000

[high\_availability]

enable=True

host\_ip=10.10.10.101

4. 修改keepalived配置

vi /etc/keepalived/keepalived.conf

global\_defs {

notification\_email {

xiaobo.chen@nokia-sbell.com

}

notification\_email\_from 151905234@qq.com

smtp\_server smtp.qq.com

smtp\_connect\_timeout 30

router\_id LVS\_DEVEL

script\_user root

enable\_script\_security

}

vrrp\_script health\_check {

script "/etc/keepalived/health\_check.sh"

interval 2

weight -5

fall 3

rise 2

}

vrrp\_instance VI\_1 {

state MASTER

interface eth1

dont\_track\_primary

virtual\_router\_id 2

priority 101

advert\_int 2

authentication {

auth\_type PASS

auth\_pass 1111

}

virtual\_ipaddress {

10.10.10.103/24 brd 10.10.10.255 dev eth0

}

notify\_master "/etc/keepalived/notify.sh master"

notify\_backup "/etc/keepalived/notify.sh backup"

notify\_fault "/etc/keepalived/notify.sh fault"

track\_script {

health\_check

}

track\_interface {

eth0

}

}

5. 启动服务

systemctl start cloudmonitor

systemctl start keepalived

# cloudmonitor-2（备）环境部署

将安装包 cloudmonitor.tar.gz 上传到cloudmonitor-2服务器/root/目录下。

1. 解压cloudmonitor.tar.gz

tar -xvf /root/cloudmonitor.tar.gz

2. 执行安装脚本

cd /root/cloudmonitor

./install-offline.sh

3. 修改cloudmonitor配置

vi /etc/cloudmonitor/cloudmonitor.conf

[DEFAULT]

debug=True

data\_source=influxdb

[database]

connection=mysql+pymysql://cloudmonitor:cloudmonitor@10.10.10.100/cloudmonitor

[influxdb]

url=http://10.10.10.100:8086

username=cloudmonitor

password=cloudmonitor

database=cloudmonitor

retention\_policy=autogen

organization=nsb

[rocketmq]

namesrv\_addr=10.10.10.100:9876

producer\_group=iam-cloud-producer

cm\_topic=iam-cloud-bc-configure-topic

pm\_topic=iam-cloud-bc-performance-topic

max\_message\_size=4194304

[ftp]

host=10.10.10.100

port=21

connection\_timeout=60

username=ftp

password=ftp

nat\_dir=/pub/nat

ipsec\_dir=/pub/ipsec

vlb\_dir=/pub/vlb

vlb\_listener\_dir=/pub/vlb\_listener

[task\_scheduler]

task\_conf\_path=/etc/cloudmonitor/task.json

max\_subtask = 100000

[high\_availability]

enable=True

host\_ip=10.10.10.102

4. 修改keepalived配置

vi /etc/keepalived/keepalived.conf

global\_defs {

notification\_email {

xiaobo.chen@nokia-sbell.com

}

notification\_email\_from 151905234@qq.com

smtp\_server smtp.qq.com

smtp\_connect\_timeout 30

router\_id LVS\_DEVEL

script\_user root

enable\_script\_security

}

vrrp\_script health\_check {

script "/etc/keepalived/health\_check.sh"

interval 2

weight -5

fall 3

rise 2

}

vrrp\_instance VI\_1 {

state BACKUP

interface eth1

dont\_track\_primary

virtual\_router\_id 2

priority 100

advert\_int 2

authentication {

auth\_type PASS

auth\_pass 1111

}

virtual\_ipaddress {

10.10.10.103/24 brd 10.10.10.255 dev eth0

}

notify\_master "/etc/keepalived/notify.sh master"

notify\_backup "/etc/keepalived/notify.sh backup"

notify\_fault "/etc/keepalived/notify.sh fault"

track\_script {

health\_check

}

track\_interface {

eth0

}

}

5. 启动服务

systemctl start cloudmonitor

systemctl start keepalived