**NewQ Setup 및 운영 매뉴얼**

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22. **FTP**
    1. 설치환경
       1. 사용용도 : FTP
       2. Hostname : News-Pasv02-X17, News-Feed02-X18
       3. OS VER. : Centos 7.2 (4.11.7-1.el7.elrepo.x86\_64)
       4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
       5. Memory : 6G
       6. IP : 10.42.201.221 ~ 222
       7. VIP : 120.50.136.110
       8. 상면위치 : 7FB-C01
       9. 도메인 : 미사용
       10. SSL 인증서 : 미사용
    2. 설치 정보
       1. 설치 APPLICATION : vsftp 3.0.2

* 시작 : #systemctl start vsftpd
* 종료 : #systemctl stop vsftpd
* 프로세스 확인 : #ps -ef | grep vsftpd

/usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

* 사용 port : #netstat -napt | grep vsftpd | grep LISTEN

tcp 0 0 0.0.0.0:21 0.0.0.0:\* LISTEN xxxx/vsftpd

* 1. 특이 사항

1. **COLLECTOR**
   1. 설치 환경
      1. 사용용도 : Collector
      2. Hostname : Collector-01~02
      3. OS VER. : Centos 7.2 (3.10.0-327.el7.x86\_64)
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 16core
      5. Memory : 16G
      6. IP : 10.42.200.203 ~ 204
      7. VIP : 미사용
      8. 상면위치 : 7FB-C04
      9. 도메인 : 미사용
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION :
         1. vsftp 3.0.2

* 시작 : #systemctl start vsftpd
* 종료 : #systemctl stop vsftpd
* 프로세스 확인 : #ps -ef | grep vsftpd

/usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

* 사용 port : #netstat -napt | grep vsftpd | grep LISTEN

tcp 0 0 0.0.0.0:21 0.0.0.0:\* LISTEN xxxx/vsftpd

* 1. 특이 사항

**crontab**

**# news collector for yonhap**

0,6,12,18,24,30,36,42,48,54 \* \* \* \* /cyworld/stage/bin/news\_collect.sh yonhap >> /cyworld/stage/logs/news\_collect\_sh.log 2>> /cyworld/stage/logs/err\_news\_collect\_sh.log

**# news collector for donga**

2,20,44 \* \* \* \* /cyworld/stage/bin/news\_collect.sh donga >> /cyworld/stage/logs/donga\_news\_collect\_sh.log 2>> /cyworld/stage/logs/donga\_err\_news\_collect\_sh.log

**# news collector for jtbc**

3,9,15,21,27,33,39,45,51,57 \* \* \* \* /cyworld/stage/bin/news\_collect.sh jtbcnews >> /cyworld/stage/logs/jtbc\_news\_collect\_sh.log 2>> /cyworld/stage/logs/jtbc\_err\_news\_collect\_sh.log

**# news collector for chosun**

4,22,46 \* \* \* \* /cyworld/stage/bin/news\_collect.sh chosun zip >> /cyworld/stage/logs/chosun\_news\_collect\_sh.log 2>> /cyworld/stage/logs/chosun\_err\_news\_collect\_sh.log

**# news collector for mk**

5,11,17,23,29,35,41,47,53,59 \* \* \* \* /cyworld/stage/bin/news\_collect.sh mknews >> /cyworld/stage/logs/mk\_news\_collect\_sh.log 2>> /cyworld/stage/logs/mk\_err\_news\_collect\_sh.log

**# news collector for hani**

8,16,26,34,46,52,58 \* \* \* \* /cyworld/stage/bin/news\_collect.sh hani dat >> /cyworld/stage/logs/hani\_news\_collect\_sh.log 2>> /cyworld/stage/logs/hani\_err\_news\_collect\_sh.log

**# news collector for etnews**

13,37,55 \* \* \* \* /cyworld/stage/bin/news\_collect.sh etnews >> /cyworld/stage/logs/etnews\_news\_collect\_sh.log 2>> /cyworld/stage/logs/etnews\_err\_news\_collect\_sh.log

**# news collector for sportal**

10,29,50 \* \* \* \* /cyworld/stage/bin/news\_collect.sh sportal >> /cyworld/stage/logs/sportal\_news\_collect\_sh.log 2>> /cyworld/stage/logs/sportal\_err\_news\_collect\_sh.log

**# news collector for tvreport**

1,25,43 \* \* \* \* /cyworld/stage/bin/news\_collect.sh tvreport >> /cyworld/stage/logs/tvreport\_news\_collect\_sh.log 2>> /cyworld/stage/logs/tvreport\_err\_news\_collect\_sh.log

**# news collector for spotv**

2,31,49 \* \* \* \* /cyworld/stage/bin/news\_collect.sh spotv >> /cyworld/stage/logs/spotv\_news\_collect\_sh.log 2>> /cyworld/stage/logs/spotv\_err\_news\_collect\_sh.log

**# news collector for asiae**

14,32,55 \* \* \* \* /cyworld/stage/bin/news\_collect.sh asiae >> /cyworld/stage/logs/asiae\_news\_collect\_sh.log 2>> /cyworld/stage/logs/asiae\_err\_news\_collect\_sh.log

**# news collector for mbcsports**

7,37,49 \* \* \* \* /cyworld/stage/bin/news\_collect.sh mbcsports >> /cyworld/stage/logs/mbcsports\_news\_collect\_sh.log 2>> /cyworld/stage/logs/mbcsports\_err\_news\_collect\_sh.log

**# news collector for isplus**

8,19,31,50 \* \* \* \* /cyworld/stage/bin/news\_collect.sh isplus >> /cyworld/stage/logs/isplus\_news\_collect\_sh.log 2>> /cyworld/stage/logs/isplus\_err\_news\_collect\_sh.log

**# news collector for dispatch**

10,31,50 \* \* \* \* /cyworld/stage/bin/news\_collect.sh dispatch >> /cyworld/stage/logs/dispatch\_news\_collect\_sh.log 2>> /cyworld/stage/logs/dispatch\_err\_news\_collect\_sh.log

**# news collector for osen**

8,26,40,56 \* \* \* \* /cyworld/stage/bin/news\_collect.sh osen >> /cyworld/stage/logs/osen\_news\_collect\_sh.log 2>> /cyworld/stage/logs/osen\_err\_news\_collect\_sh.log

**# news collector for spchosun**

11,38,59 \* \* \* \* /cyworld/stage/bin/news\_collect.sh spchosun >> /cyworld/stage/logs/spchosun\_news\_collect\_sh.log 2>> /cyworld/stage/logs/spchosun\_err\_news\_collect\_sh.log

**# news collector for cine21**

19,44 \* \* \* \* /cyworld/stage/bin/news\_collect.sh cine21 >> /cyworld/stage/logs/cine21\_news\_collect\_sh.log 2>> /cyworld/stage/logs/cine21\_err\_news\_collect\_sh.log

**# news collector for munhwa**

4,23,48 \* \* \* \* /cyworld/stage/bin/news\_collect.sh munhwa >> /cyworld/stage/logs/munhwa\_news\_collect\_sh.log 2>> /cyworld/stage/logs/munhwa\_err\_news\_collect\_sh.log

**# news collector for daily**

9,40 \* \* \* \* /cyworld/stage/bin/news\_collect.sh daily >> /cyworld/stage/logs/daily\_news\_collect\_sh.log 2>> /cyworld/stage/logs/daily\_err\_news\_collect\_sh.log

**# news collector for moneytd**

1,16,25,34,43,55 \* \* \* \* /cyworld/stage/bin/news\_collect.sh moneytd >> /cyworld/stage/logs/moneytd\_news\_collect\_sh.log 2>> /cyworld/stage/logs/moneytd\_err\_news\_collect\_sh.log

**# news collector for starnews**

5,22,41,58 \* \* \* \* /cyworld/stage/bin/news\_collect.sh starnews >>

/cyworld/stage/logs/starnews\_news\_collect\_sh.log 2>>

cyworld/stage/logs/starnews\_err\_news\_collect\_sh.log

**glusterFS**

NewsQ-File01:/vol\_replica fuse.glusterfs 3.3T 204G 3.1T 7% /data/storage

1. **CMS**
   1. 설치환경
      1. 사용용도 : CMS
      2. Hostname : CMS01-X13, CMS02-X14
      3. OS VER. : Centos 7.2 (4.11.7-1.el7.elrepo.x86\_64)
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 16core
      5. Memory : 6G
      6. IP : 10.42.201.191 ~ 192
      7. VIP : 120.50.136.94
      8. 상면위치 : 7FB-C01
      9. 도메인 : cms.newsque.net
      10. SSL 인증서 : 사용
   2. 설치 정보
      1. 설치 APPLICATION :
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* + - 1. php-fpm 7.1.11-1
* 시작 : #systemctl start php-fpm
* 종료 : #systemctl stop php-fpm
* 프로세스 확인 : #ps -ef | grep php-fpm

php-fpm: master process (/etc/php-fpm.conf)

* 사용 port : #ls -al /var/run/php-fpm/php-fpm.sock

srw-rw---- 1 root root 0 Dec 6 12:55 /var/run/php-fpm/php-fpm.sock

* 1. 특이사항

**crontab**

**# CMS**

\* \* \* \* \* /usr/bin/php /cyworld/cms/artisan schedule:run >> /dev/null 2>&1

**glusterFS**

NewsQ-File01:/vol\_replica fuse.glusterfs 3.3T 204G 3.1T 7% /data/storage

**October CMS**

#cd /cyworld/cms/

#curl –s <https://octobercms.com/api/installer> | php

#php artisan October:install

#php artisan October:env

#october cms 동작확인

* /cms/source 폴더로 소스 다운로드

#cp /cyworld/source/.env /cyworld/cms/.env

#cp –r /cyworld/source/config /cyworld/cms/config

#cp –r /cyworld/source/plugins /cyworld/cms/plugins

1. **WWW**
   1. 설치환경
      1. 사용용도 : WWW
      2. Hostname : WWW01-X33, CMS02-X14
      3. OS VER. : Centos 7.2 (4.11.7-1.el7.elrepo.x86\_64)
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.121 ~ 122
      7. VIP : 120.50.136.107
      8. 상면위치 : 7FB-C01
      9. 도메인 : www.newsque.net
      10. SSL 인증서 : 사용
   2. 설치 정보
      1. 설치 APPLICATION :
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

tcp 0 0 0.0.0.0:443 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* + - 1. php-fpm 7.1.11-1
* 시작 : #systemctl start php-fpm
* 종료 : #systemctl stop php-fpm
* 프로세스 확인 : #ps -ef | grep php-fpm

php-fpm: master process (/etc/php-fpm.conf)

* 사용 port : #ls -al /var/run/php-fpm/php-fpm.sock

srw-rw---- 1 root root 0 Dec 6 12:55 /var/run/php-fpm/php-fpm.sock

1. **OAUTH**
   1. 설치환경
      1. 사용용도 : Oauth
      2. Hostname : Auth01-X26, Auth02-X29, Auth03-X29, Auth04-X30, Auth05-X30
      3. OS VER. : CentOS release 6.8 / 2.6.32-642.el6.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.96~100
      7. VIP : 120.50.136.105
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : oauth.newsque.net
      10. SSL 인증서 : 사용
   2. 설치 정보
      1. 설치 APPLICATION :
         1. Apache Tomcat/8.0.21, java 1.8.0\_40

* 시작 : #service tomcat start
* 종료 : # service tomcat stop
* 프로세스 확인 : #jps

xxxxx Bootstrap

* 사용 port : #netstat -napt | grep java

tcp 0 0 0.0.0.0:8001 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 127.0.0.1:8005 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8009 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:47023 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8080 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:61465 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8443 0.0.0.0:\* LISTEN xxxxx/java

1. **API**
   1. 설치환경
      1. 사용용도 : API
      2. Hostname : API01-X21, API02-X21, API03-X22, API04-X22, API05-X23, API06-X23, API07-X27, API08-X27, API09-X28, API10-X28
      3. OS VER. : CentOS release 6.8 / 2.6.32-642.el6.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.41~50
      7. VIP : 120.50.136.104
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : api.newsque.net
      10. SSL 인증서 : 사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. Apache Tomcat/8.0.21, java 1.8.0\_40

* 시작 : #service tomcat start
* 종료 : # service tomcat stop
* 프로세스 확인 : #jps

xxxxx Bootstrap

* 사용 port : #netstat -napt | grep java

tcp 0 0 0.0.0.0:8001 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 127.0.0.1:8005 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8009 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:47023 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8080 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:61465 0.0.0.0:\* LISTEN xxxxx/java

tcp 0 0 0.0.0.0:8443 0.0.0.0:\* LISTEN xxxxx/java

1. **UPLOAD**
   1. 설치환경
      1. 사용용도 : 프로필 이미지 업로드
      2. Hostname : upload01-X24, upload02-X24, upload03-X25
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.181~183
      7. VIP : 120.50.136.106
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : upload.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* + - 1. nodejs-6.11.3-1
* 시작 : pm2 start ecosystem.json –env=prd
* 종료 : pm2 stop newsq-upload
* 프로세스 확인 : pm2 monit , pm2 list
* 사용 port : 3000
  + - 1. Zookeeper-3.4.10
* 시작 : /cyworld/zookeeper/bin/zkServer.sh start
* 종료 : /cyworld/zookeeper/bin/zkServer.sh stop
* 프로세스 확인 : ps –ef | grep zookeeper
* 사용 port : 2181

1. **DETAIL, IMAGE**
   1. 설치환경
      1. 사용용도 : 이미지
      2. Hostname : Image01-X13, Image02-X14, Image03-X16, Image04-X16, Image05-X36, Image06-X36
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.81~86
      7. VIP : 120.50.136.95
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : detail.newsque.net, image.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* 1. 특이사항

**glusterFS**

NewsQ-File01:/vol\_replica fuse.glusterfs 3.3T 204G 3.1T 7% /data/storage

1. **THUMB**
   1. 설치환경
      1. 사용용도 : 이미지
      2. Hostname : Thumb-01-X9, Thumb-02-X9, Thumb-03-X10, Thumb-04-X10
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 32G
      6. IP : 10.42.201.71~74
      7. VIP : 120.50.136.79
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : thumb.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* + - 1. pyuhon 2.7.5
* /usr/bin/python /usr/bin/supervisord -c /cyworld/thumbor/conf/supervisord.conf
* 프로세스 확인 : #ps –ef | grep

/usr/bin/python /usr/bin/supervisord -c

/cyworld/thumbor/conf/supervisord.conf

/usr/bin/python /usr/bin/thumbor --ip=127.0.0.1 --port=8000 –

conf=/cyworld/thumbor/conf/thumbor.conf

/usr/bin/python /usr/bin/thumbor --ip=127.0.0.1 --port=8001 –

conf=/cyworld/thumbor/conf/thumbor.conf

/usr/bin/python /usr/bin/thumbor --ip=127.0.0.1 --port=8002 –

conf=/cyworld/thumbor/conf/thumbor.conf

/usr/bin/python /usr/bin/thumbor --ip=127.0.0.1 --port=8003 conf=/cyworld/thumbor/conf/thumbor.conf

* 사용 port : #netstat -napt | grep python

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

tcp 0 0 127.0.0.1:8000 0.0.0.0:\* LISTEN xxxxxx/python

tcp 0 0 127.0.0.1:8001 0.0.0.0:\* LISTEN xxxxxx/python

tcp 0 0 127.0.0.1:8002 0.0.0.0:\* LISTEN xxxxxx/python

tcp 0 0 127.0.0.1:8003 0.0.0.0:\* LISTEN xxxxxx/python

* 1. 특이사항

**glusterFS**

Thumb-File01:/vol\_replica fuse.glusterfs 1.1T 16G 1.1T 2% /DATA

1. **THUMB\_FILE**
   1. 설치환경
      1. 사용용도 : 썸네일 파일 저장용 서버
      2. Hostname : Thumb-File01, Thumb-File02
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 16core
      5. Memory : 16G
      6. IP : 10.42.200.206~207
      7. VIP : 120.50.136.79
      8. 상면위치 : 7FB-C03
      9. 도메인 : 미사용
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. glusterfs 3.10.5

* 시작 : #systemctl start glusterd
* 종료 : #systemctl stop glusterd
* 프로세스 확인 : #ps -ef | grep glusterd

/usr/sbin/glusterd -p /var/run/glusterd.pid --log-level INFO

/usr/sbin/glusterfs -s localhost --volfile-id gluster/glustershd -p /var/lib/glusterd/glustershd/run/glustershd.pid -l /var/log/glusterfs/glustershd.log -S /var/run/gluster/c2fc7a14cd9c5d17cc1c71d60afd9cde.socket --xlator-option \*replicate\*.node-uuid=c6260d09-966d-46c3-b3ba-816681e8ad7a

/usr/sbin/glusterfsd -s Thumb-File01 --volfile-id vol\_replica.Thumb-File01.data-GFS -p /var/lib/glusterd/vols/vol\_replica/run/Thumb-File01-data-GFS.pid -S /var/run/gluster/e418e7b5871f57eb426c3d5926d42341.socket --brick-name /data/GFS -l /var/log/glusterfs/bricks/data-GFS.log --xlator-option \*-posix.glusterd-uuid=c6260d09-966d-46c3-b3ba-816681e8ad7a --brick-port 49152 --xlator-option vol\_replica-server.listen-port=49152

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0: 24007 0.0.0.0:\* LISTEN xxxxxx/ glusterd

* 1. 특이사항

1. **ELASTIC\_CLUSTER**
   1. 설치환경
      1. 사용용도 : 검색
      2. Hostname : ElasticSearch-01, ElasticSearch-02, ElasticSearch-03
      3. OS VER. : Ubuntu 16.04.3 / 4.4.0-87-generic x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5645 @ 2.40GHz \* 24core
      5. Memory : 64G
      6. IP : 10.42.200.101~103
      7. VIP : 미사용
      8. 상면위치 : 7FB-C03
      9. 도메인 : 미사용
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION

* 위치 : /DEV/elastic
* 시작 : /DEV/elastic/start.sh start
* 종료 : /DEV/elastic/start.sh stop
* 프로세스 확인 : ps -ef | grep elasticsearch
* 사용 port :
  + 9200 : elasticsearch REST API port
  + 5601 : elasticsearch monitoring. Kibana port
* health chekck  
  curl -XGET 'localhost:9200/\_cluster/health?pretty'

1. **ELASTIC\_INDEXER**
   1. 설치환경
      1. 사용용도 : 검색
      2. Hostname : Indexer01-X31, Indexer01-X32
      3. OS VER. : Ubuntu 16.04.3 / 4.4.0-87-generic x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5645 @ 2.40GHz \* 8core
      5. Memory : 8G
      6. IP : 10.42.200.111~112
      7. VIP : 120.50.136.96
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : indexer.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION

* 위치 : /DEV/API/qela-client
* 시작 : /DEV/API/qela-client/start.sh start
* 종료 : /DEV/API/qela-client/start.sh stop
* 프로세스 확인 :   
  pm2 list 후 qela-client 프로세스 확인
* 사용 port : 3000
  1. 특이사항

1. **ELASTIC\_SEARCHER**
   1. 설치환경
      1. 사용용도 : 검색
      2. Hostname : Searcher01-X31, Searcher01-X31
      3. OS VER. : Ubuntu 16.04.3 / 4.4.0-87-generic x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5645 @ 2.40GHz \* 8core
      5. Memory : 8G
      6. IP : 10.42.200.115~116
      7. VIP : 120.50.136.97
      8. 상면위치 : 7FB-C01
      9. 도메인 : searcher.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION

* 위치 : /DEV/API/qela-client
* 시작 : /DEV/API/qela-client/start.sh start
* 종료 : /DEV/API/qela-client/start.sh stop
* 프로세스 확인 :   
  pm2 list 후 qela-client 프로세스 확인
* 사용 port : 3000
  1. 특이사항

1. **NOTI\_API**
   1. 설치환경
      1. 사용용도 : noti api
      2. Hostname : NotiAPI01-X20, NotiAPI02-X19
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 32G
      6. IP : 10.42.201.101~102
      7. VIP : 120.50.136.116
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : noti.newsque.net
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. nginx 1.12.1

* 시작 : #systemctl start nginx
* 종료 : #systemctl stop nginx
* 프로세스 확인 : #ps -ef | grep nginx

nginx: master process /usr/sbin/nginx -c /etc/nginx/nginx.conf

* 사용 port : #netstat -napt | grep nginx

tcp 0 0 0.0.0.0:80 0.0.0.0:\* LISTEN xxxxxx/nginx: master

* + - 1. nodejs 6.11.4
* 시작 : pm2 start ecosystem.json –env=prd
* 종료 : pm2 stop noti\_api , pm2 stop all
* 프로세스 확인 : pm2 monit , pm2 list
* 사용 port : 3000
  1. 특이사항

1. **NOTI\_SENT**
   1. 설치환경
      1. 사용용도 : noti send
      2. Hostname : NotiSend01-X20, NotiSend02-X19
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 6G
      6. IP : 10.42.201.105~106
      7. VIP : 미사용
      8. 상면위치 : 7FB-C01, C02
      9. 도메인 : 미사용
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
      2. 설치 APPLICATION
         1. nodejs 6.11.4

* 시작 : pm2 start ecosystem.json –env=prd
* 종료 : pm2 stop noti\_send , pm2 stop all
* 프로세스 확인 : pm2 monit , pm2 list

사용 port : 3000

* 1. 특이사항

1. **FILESERVER**
   1. 설치환경
      1. 사용용도 : 뉴스큐 이미지 저장용 파일 서버
      2. Hostname : NewsQ-File01, NewsQ-File02
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 16core
      5. Memory : 12G
      6. DISK : /dev/sdb1 xfs 3.3T 205G 3.1T 7% /data
      7. IP : 10.42.200.201~202
      8. VIP : 미사용
      9. 상면위치 : 7FB-C03
      10. 도메인 : 미사용
      11. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. glusterfs 3.10.5-1

* 시작 : #systemctl start glusterd
* 종료 : #systemctl stop glusterd
* 프로세스 확인 : #ps -ef | grep glusterd

/usr/sbin/glusterd -p /var/run/glusterd.pid --log-level INFO

/usr/sbin/glusterfs -s localhost --volfile-id gluster/glustershd -p /var/lib/glusterd/glustershd/run/glustershd.pid -l /var/log/glusterfs/glustershd.log -S /var/run/gluster/755535e09e4cbd2080236ac370bec4fb.socket --xlator-option \*replicate\*.node-uuid=50e389e1-2d5b-4fb9-83e6-23e0fd361ea4

/usr/sbin/glusterfsd -s NewsQ-File01 --volfile-id vol\_replica.NewsQ-File01.data-GFS -p /var/lib/glusterd/vols/vol\_replica/run/NewsQ-File01-data-GFS.pid -S /var/run/gluster/2bef54a1112a67546ce5702fba7f1d27.socket --brick-name /data/GFS -l /var/log/glusterfs/bricks/data-GFS.log --xlator-option \*-posix.glusterd-uuid=50e389e1-2d5b-4fb9-83e6-23e0fd361ea4 --brick-port 49152 --xlator-option vol\_replica-server.listen-port=49152

* 사용 port : #netstat -napt | grep gluster | grep LISTEN

tcp 0 0 0.0.0.0: 49152 0.0.0.0:\* LISTEN xxxxxx/ glusterfsd

tcp 0 0 0.0.0.0: 24007 0.0.0.0:\* LISTEN xxxxxx/ glusterd

* 1. 특이사항

1. **DBMS(news)**
   1. 설치환경
      1. 사용용도 : 뉴스큐 디비 서버
      2. Hostname : NewsQ-MDB, NewsQ-SDB1, NewsQ-SDB2,
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5660 @ 2.80GHz \* 24core
      5. Memory : 64G
      6. DISK : /dev/sdb1 xfs 2.2T 12G 2.2T 1% /data
      7. IP : 192.168.250.191~193
      8. VIP : 미사용
      9. 상면위치 : 7FB-K02
      10. 도메인 : 미사용
      11. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. mariadb 5.5.50-MariaDB

* 시작 : #systemctl start mariadb
* 종료 : #systemctl stop mariadb
* 프로세스 확인 : #ps -ef | grep glusterd

/bin/sh /usr/bin/mysqld\_safe --basedir=/usr

/usr/libexec/mysqld --basedir=/usr --datadir=/data --plugin-dir=/usr/lib64/mysql/plugin --log-error=/data/NewsQ-MDB.err --pid-file=NewsQ-MDB.pid --socket=/var/lib/mysql/mysql.sock --port=3306

* 사용 port : #netstat -napt | grep mysql | grep LISTEN

tcp 0 0 0.0.0.0: 3306 0.0.0.0:\* LISTEN xxxxxx/mysqld

* 1. 특이사항

1. **DBMS(user)**
   1. 설치환경
      1. 사용용도 : 뉴스큐 디비 서버
      2. Hostname : NewsUser-MDB, NewsUser -SDB1, NewsUser -SDB2,
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5660 @ 2.80GHz \* 24core
      5. Memory : 64G
      6. DISK : /dev/sdb1 xfs 1.1T 6.8G 1.1T 1% /data
      7. IP : 192.168.250.194~196
      8. VIP : 미사용
      9. 상면위치 : 7FB-K02
      10. 도메인 : 미사용
      11. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. mariadb 5.5.50-MariaDB

* 시작 : #systemctl start mariadb
* 종료 : #systemctl stop mariadb
* 프로세스 확인 : #ps -ef | grep mysql

/bin/sh /usr/bin/mysqld\_safe --basedir=/usr

/usr/libexec/mysqld --basedir=/usr --datadir=/data --plugin-dir=/usr/lib64/mysql/plugin --log-error=/data/NewsQ-MDB.err --pid-file=NewsQ-MDB.pid --socket=/var/lib/mysql/mysql.sock --port=3306

* 사용 port : #netstat -napt | grep mysql | grep LISTEN

tcp 0 0 0.0.0.0: 3306 0.0.0.0:\* LISTEN xxxxxx/mysqld

* 1. 특이사항

1. **HADOOP**
   1. 설치환경
      1. 사용용도 : 추천시스템
      2. Hostname : hadoop-01, hadoop-02, hadoop-03, hadoop-04, hadoop-05
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 16core
      5. Memory : 16G
      6. DISK : /dev/sdc1 xfs 280G 291M 279G 1% /data2

/dev/sdd1 xfs 280G 342M 279G 1% /data1

/dev/sdb1 xfs 280G 419M 279G 1% /data3

* + 1. IP : 10.42.200.121~125
    2. VIP : 미사용
    3. 상면위치 : 7FB-C03
    4. 도메인 : 미사용
    5. SSL 인증서 : 미사용
  1. 설치 정보
     1. 설치 APPLICATION
        1. hadoop-2.7.3(Hadoop 계정으로 실행)
* Hadoop 시작 : $/home/hadoop/hadoop2/sbin/start-all.sh
* Hadoop 종료 : $/home/hadoop/hadoop2/sbin/stop-all.sh
* jobhistory 시작 : $/home/hadoop/hadoop2/sbin/mr-jobhistory-daemon.sh start historyserver
* jobhistory 종료 : $/home/hadoop/hadoop2/sbin/mr-jobhistory-daemon.sh stop historyserver
* zookeeper 시작 : $ /home/hadoop/zookeeper/bin/zkServer.sh start
* zookeeper 종료 : $ /home/hadoop/zookeeper/bin/zkServer.sh stop
* hbase 시작 : $/home/hadoop/hbase/bin/start-hbase.sh
* hbase 종료 : $/home/hadoop/hbase/bin/stop-hbase.sh
* restserver 시작 : $/home/hadoop/newsrecommand/hbase-rest-start.sh
* restserver 종료 : $jps 명령어 실행후 RESTServer의 pid kill
* spark 시작 : $/home/hadoop/spark/sbin/stop-all.sh
* spark 종료 : $/home/hadoop/spark/sbin/stop-all.sh
* kafka 시작 : $sudo systemctl start kafka-consumer
* kafka 종료 : $sudo systemctl stop kafka-consumer
* 프로세스 확인 : $jps

xxxx Master – spark manin daemon

xxxx QuorumPeerMain – zookeeper daemon

xxxx NodeManager – nodemanager deamon

xxxx Worker – spark work daemon

xxxx RESTServer – Rest server daemon

xxxx HMaster – hbase main daemon

xxxx SparkSubmit – news recommend daemon

xxxx DataNode – datanode daemon

xxxx Worker – spark work daemon

xxxx ApplicationMaster – news app daemon

xxxx ResourceManager – resourece manager daemon

xxxx JobHistoryServer – job history daemon

xxxx HRegionServer – hbase region daemon

xxxx JournalNode – journal node manager deamon

xxxx NameNode – name node deamon

xxxx DFSZKFailoverController – hdfs zookeeper daemon

* 사용 port : #netstat -napt | grep LISTEN

tcp 0 0 10.42.200.121:50952 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8040 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:16010 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8042 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:10060 0.0.0.0:\* LISTEN -

tcp 0 0 10.42.200.121:31630 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:9999 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:7952 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:19888 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8080 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:3888 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:10033 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8081 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:32497 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:3057 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8082 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:6066 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8019 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:16020 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8020 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8085 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:50070 0.0.0.0:\* LISTEN xxx/java

tcp 0 0 0.0.0.0:22 0.0.0.0:\* LISTEN -

tcp 0 0 10.42.200.121:8088 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:13562 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:50010 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:50075 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:31003 0.0.0.0:\* LISTEN -

tcp 0 0 0.0.0.0:18909 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:16030 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8030 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8031 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:16000 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8032 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8480 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:8033 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 127.0.0.1:53474 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:10050 0.0.0.0:\* LISTEN -

tcp 0 0 10.42.200.121:8035 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:10020 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:50020 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 10.42.200.121:7077 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:8485 0.0.0.0:\* LISTEN xxxx/java

tcp 0 0 0.0.0.0:2181 0.0.0.0:\* LISTEN xxxx/java

* 1. 특이사항

**각 서버별 프로세스(pid는 변경될수 있음)**

* **hadoop-02**

hadoop@hadoop-02:/home/hadoop>$ jps

21059 NameNode

21560 DFSZKFailoverController

9228 QuorumPeerMain

21196 DataNode

22892 Worker

21359 JournalNode

21727 NodeManager

22799 Worker

* **hadoop-03**

hadoop@hadoop-03:/home/hadoop>$ jps

16688 QuorumPeerMain

35105 DataNode

35459 NodeManager

36373 Worker

35270 JournalNode

36493 Worker

11581 HRegionServer

* **hadoop-04**

hadoop@hadoop-04:/home/hadoop>$ jps

33698 Worker

14148 QuorumPeerMain

10644 HRegionServer

33578 Worker

32412 DataNode

32621 NodeManager

* **hadoop-05**

hadoop@hadoop-05:/home/hadoop>$ jps

35232 Worker

9472 HRegionServer

34290 NodeManager

15652 QuorumPeerMain

35352 Worker

34094 DataNode

1. **REDIS**
   1. 설치환경
      1. 사용용도 : 공통 redis Server
      2. Hostname : redisM, redisS1, redisS2,
      3. OS VER. : CentOS release 7.2.1511 / 3.10.0-327.el7.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \*16core
      5. Memory : 16G
      6. DISK : /dev/sdb1 xfs 1.1T 6.8G 1.1T 1% /data
      7. IP : 10.42.200.126~128
      8. VIP : 미사용
      9. 상면위치 : 7FB-C03
      10. 도메인 : 미사용
      11. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. Redis 4.0.2

* 시작 : # redis-server /usr/local/redis/redis.conf
* 종료 : # killall -9 redis-server
* 프로세스 확인 : #ps -ef | grep redis-server

redis-server 127.0.0.1:6379

* 사용 port : #netstat -napt | grep mysql | grep LISTEN

tcp 0 0 0.0.0.0: 6379 0.0.0.0:\* LISTEN xxxxxx/redis-server

tcp 0 0 127.0.0.1: 6379 :::\* LISTEN xxxxxx/redis-server

* 1. 특이사항

**redis.conf 설정(Master)**

bind 127.0.0.1 10.42.200.126

protected-mode yes

port 6379tcp-backlog 511

timeout 0

tcp-keepalive 30

daemonize yes

supervised no

pidfile "/var/run/redis\_6379.pid"

loglevel notice

logfile "/var/log/redis.log"

databases 16

always-show-logo yes

save 900 1

save 300 10

save 60 10000

stop-writes-on-bgsave-error yes

rdbcompression yes

rdbchecksum yes

dbfilename "dump.rdb"

dir "/data1"

masterauth "Tkdldnjfem"

slave-serve-stale-data yes

slave-read-only yes

repl-diskless-sync no

repl-diskless-sync-delay 5

repl-ping-slave-period 10

repl-timeout 60

repl-disable-tcp-nodelay no

slave-priority 100

requirepass "xxxxxxxxxx"

lazyfree-lazy-eviction no

lazyfree-lazy-expire no

lazyfree-lazy-server-del no

slave-lazy-flush no

appendonly no

appendfilename "appendonly.aof"

appendfsync everysec

no-appendfsync-on-rewrite no

auto-aof-rewrite-percentage 100

auto-aof-rewrite-min-size 64mb

aof-load-truncated yes

aof-use-rdb-preamble no

lua-time-limit 5000

slowlog-log-slower-than 10000

slowlog-max-len 128

latency-monitor-threshold 0

notify-keyspace-events ""

hash-max-ziplist-entries 512

hash-max-ziplist-value 64

list-max-ziplist-size -2

list-compress-depth 0

set-max-intset-entries 512

zset-max-ziplist-entries 128

zset-max-ziplist-value 64

hll-sparse-max-bytes 3000

activerehashing yes

client-output-buffer-limit normal 0 0 0

client-output-buffer-limit slave 256mb 64mb 60

client-output-buffer-limit pubsub 32mb 8mb 60

hz 10

aof-rewrite-incremental-fsync yes

**redis.conf 설정(Slave)**

bind 127.0.0.1 10.42.200.127

protected-mode yes

port 6379

tcp-backlog 511

timeout 0

tcp-keepalive 30

daemonize yes

supervised no

pidfile "/var/run/redis\_6379.pid"

loglevel notice

logfile "/var/log/redis.log"

databases 16

always-show-logo yes

save 900 1

save 300 10

save 60 10000

stop-writes-on-bgsave-error yes

rdbcompression yes

rdbchecksum yes

dbfilename "dump.rdb"

dir "/data1"

masterauth "xxxxxxxxxx"

slave-serve-stale-data yes

slave-read-only yes

repl-diskless-sync no

repl-diskless-sync-delay 5

repl-ping-slave-period 10

repl-timeout 60

repl-disable-tcp-nodelay no

slave-priority 100

requirepass "Tkdldnjfem"

lazyfree-lazy-eviction no

lazyfree-lazy-expire no

lazyfree-lazy-server-del no

slave-lazy-flush no

appendonly no

appendfilename "appendonly.aof"

appendfsync everysec

no-appendfsync-on-rewrite no

auto-aof-rewrite-percentage 100

aof-load-truncated yes

aof-use-rdb-preamble no

lua-time-limit 5000

slowlog-log-slower-than 10000

slowlog-max-len 128

latency-monitor-threshold 0

notify-keyspace-events ""

hash-max-ziplist-entries 512

hash-max-ziplist-value 64

list-max-ziplist-size -2

list-compress-depth 0

set-max-intset-entries 512

zset-max-ziplist-entries 128

zset-max-ziplist-value 64

hll-sparse-max-bytes 3000

activerehashing yes

client-output-buffer-limit normal 0 0 0

client-output-buffer-limit slave 256mb 64mb 60

client-output-buffer-limit pubsub 32mb 8mb 60

hz 10

aof-rewrite-incremental-fsync yes

slaveof 10.42.200.126 6379

1. **REDIS Sentinel(haproxy Server)**
   1. 설치환경
      1. 사용용도 : 공통 redis HA Server(redis sentinel) 및 Haproxy Server
      2. Hostname : Redis-Senti01, Redis-Senti02, Redis-Senti03
      3. OS VER. : CentOS release 7.2.1511 / 4.11.7-1.el7.elrepo.x86\_64
      4. CPU : Intel(R) Xeon(R) CPU E5620 @ 2.40GHz \* 8core
      5. Memory : 8G
      6. IP : 10.42.201.196~198
      7. VIP : 10.42.200.241
      8. 상면위치 : 7FB-C03
      9. 도메인 : 미사용
      10. SSL 인증서 : 미사용
   2. 설치 정보
      1. 설치 APPLICATION
         1. Redis 4.0.2

* 시작 : # redis-sentinel /usr/local/redis/sentinel.conf
* 종료 : # killall -9 redis-sentinel
* 프로세스 확인 : #ps -ef | grep redis-sentinel

redis-sentinel \*:8000 [sentinel]

* redis sentinel 사용 port : #netstat -napt | grep redis | grep LISTEN

tcp 0 0 0.0.0.0:8000 0.0.0.0:\* LISTEN xxxxxx/redis-sentinel

tcp 0 0 127.0.0.1:8000 :::\* LISTEN xxxxxx/redis-sentinel

* + - 1. haproxy 1.5.18-6
* 시작 : # systemctl start haproxy
* 종료 : # systemctl stop haproxy
* 프로세스 확인 : #ps -ef | grep redis-sentinel

/usr/sbin/haproxy-systemd-wrapper -f /etc/haproxy/haproxy.cfg -p /run/haproxy.pid

/usr/sbin/haproxy -f /etc/haproxy/haproxy.cfg -p /run/haproxy.pid –Ds

/usr/sbin/haproxy -f /etc/haproxy/haproxy.cfg -p /run/haproxy.pid -Ds

* haproxy 사용 port : #netstat –napt | grep haproxy | grep LISTEN

tcp 0 0 0.0.0.0:5000 0.0.0.0:\* LISTEN xxxxxx/haproxy

tcp 0 0 0.0.0.0:5001 0.0.0.0:\* LISTEN xxxxxx/haproxy

* 1. 특이사항

**sentinel.conf 설정(Master)**

protected-mode no

port 8000

sentinel myid 01a5e58c5bc8d21dcd274c5d723773629df2a3b2

sentinel monitor mymaster 10.42.200.126 6379 2

sentinel auth-pass mymaster xxxxxxxxxx

sentinel config-epoch mymaster 18

sentinel leader-epoch mymaster 18

daemonize yes

pidfile "/var/run/sentinel\_26379.pid"

logfile "/var/log/redis\_sentinel.log"

dir "/usr/local/redis"

sentinel known-slave mymaster 10.42.200.128 6379

sentinel known-slave mymaster 10.42.200.127 6379

sentinel known-sentinel mymaster 10.42.201.197 8000

89453c276d9e4c8f5528b28ae19354259b1d8e5

sentinel known-sentinel mymaster 10.42.201.198 8000

b52638cc9143047945ece73731b6acbb23229db

sentinel current-epoch 18

**sentinel.conf 설정(Slave)**

protected-mode no

port 8000

sentinel myid b89453c276d9e4c8f5528b28ae19354259b1d8e5

sentinel monitor mymaster 10.42.200.126 6379 2

sentinel auth-pass mymaster Tkdldnjfem

sentinel config-epoch mymaster 18

sentinel leader-epoch mymaster 18

daemonize yes

pidfile "/var/run/sentinel\_26379.pid"

logfile "/var/log/redis\_sentinel.log"

dir "/usr/local/redis"

sentinel known-slave mymaster 10.42.200.127 6379

sentinel known-slave mymaster 10.42.200.128 6379

sentinel known-sentinel mymaster 10.42.201.196 8000

01a5e58c5bc8d21dcd274c5d723773629df2a3b2

sentinel known-sentinel mymaster 10.42.201.198 8000

ab52638cc9143047945ece73731b6acbb23229db

sentinel current-epoch 18

**Haproxy 설정**

global

log 127.0.0.1 local2

chroot /var/lib/haproxy

pidfile /var/run/haproxy.pid

maxconn 4000

user haproxy

group haproxy

daemon

stats socket /var/lib/haproxy/stats

defaults REDIS

mode tcp

timeout connect 4s

timeout server 15s

timeout client 15s

frontend ft\_redis\_master

bind \*:5000 name redis

default\_backend bk\_redis\_master

backend bk\_redis\_master

option tcp-check

tcp-check send AUTH\ xxxxxxxxxx\r\n

tcp-check expect string +OK

tcp-check send PING\r\n

tcp-check expect string +PONG

tcp-check send info\ replication\r\n

tcp-check expect string role:master

tcp-check send QUIT\r\n

tcp-check expect string +OK

server RedisM 10.42.200.126:6379 check inter 1s

server RedisS1 10.42.200.127:6379 check inter 1s

server RedisS2 10.42.200.128:6379 check inter 1s

frontend ft\_redis\_slave

bind \*:5001 name redis

default\_backend bk\_redis\_slave

backend bk\_redis\_slave

option tcp-check

tcp-check send AUTH\ xxxxxxxxxx\r\n

tcp-check expect string +OK

tcp-check send PING\r\n

tcp-check expect string +PONG

tcp-check send info\ replication\r\n

tcp-check expect string role:slave

tcp-check send QUIT\r\n

tcp-check expect string +OK

server RedisM 10.42.200.126:6379 check inter 1s

server RedisS1 10.42.200.127:6379 check inter 1s

server RedisS2 10.42.200.128:6379 check inter 1s

listen stats 0.0.0.0:80

mode http

balance

timeout client 5000

timeout connect 4000

timeout server 300000

stats uri /stats

stats realm HAProxy\ Statistics

stats auth cyworld:xxxxxxxxxx

stats admin if TRUE