1-3 웹서버 로그 설정

웹 서버 로그 설정

Nginx 로그 설정

ProejctView에서는 웹서버로 nginx를 사용한다. nginx의 로그를 일 단위로 보관하기 위해서는 logrotate 구성이 필요하다. linux의 logrotate 기능을 이용하며 설정 시 sudo 권한이 필요하다.

installer 디렉토리의 스크립트를 실행한다.

```
projectview@projectview:~$ cd /app/installer
projectview@projectview:/app/installer$ ls
LICENSE
                                     README.md config.env
                                                                             data
install.sh
                                  projectview-v2.0.5.tgz
Projectview_Open_Source_License.doc common.sh create_nginx_log_rotate.sh
docker-compose.yml projectview-installer-v2.0.5.tar
projectview@projectview:/app/installer$ chmod a+x create_nginx_log_rotate.sh
projectview@projectview:/app/installer$ sudo ./create_nginx_log_rotate.sh
[sudo] password for projectview:
** Change the path of nginx logrotate file. : /app/projectview
** Test logrotate. If probolem occured, please do trouble shooting or delete
logrotate file for rollback.
WARNING: logrotate in debug mode does nothing except printing debug messages!
Consider using verbose mode (-v) instead if this is not what you want.
reading config file /etc/logrotate.d/nginx
Reading state from file: /var/lib/logrotate/status
Allocating hash table for state file, size 64 entries
Creating new state
```

```
Creating new state
Handling 1 logs
rotating pattern: /app/projectview/logs/pms-server/access.log
/app/projectview/logs/pms-server/error.log
/app/projectview/logs/ph-server/access.log
/app/projectview/logs/ph-server/error.log
/app/projectview/logs/pms-nginx/access.log
/app/projectview/logs/pms-nginx/error.log
forced from command line (no old logs will be kept)
empty log files are not rotated, old logs are removed
considering log /app/projectview/logs/pms-server/access.log
Creating new state
 Now: 2024-04-17 17:41
 Last rotated at 2024-04-17 17:00
 log needs rotating
considering log /app/projectview/logs/pms-server/error.log
Creating new state
 Now: 2024-04-17 17:41
 Last rotated at 2024-04-17 17:00
 log does not need rotating (log is empty)
considering log /app/projectview/logs/ph-server/access.log
Creating new state
 Now: 2024-04-17 17:41
 Last rotated at 2024-04-17 17:00
  log needs rotating
considering log /app/projectview/logs/ph-server/error.log
Creating new state
 Now: 2024-04-17 17:41
  Last rotated at 2024-04-17 17:00
 log needs rotating
considering log /app/projectview/logs/pms-nginx/access.log
Creating new state
 Now: 2024-04-17 17:41
 Last rotated at 2024-04-17 17:00
 log needs rotating
considering log /app/projectview/logs/pms-nginx/error.log
Creating new state
 Now: 2024-04-17 17:41
 Last rotated at 2024-04-17 17:00
  log needs rotating
rotating log /app/projectview/logs/pms-server/access.log, log->rotateCount is 0
```

```
dateext suffix '-20240417'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9]"
glob finding old rotated logs failed
rotating log /app/projectview/logs/ph-server/access.log, log->rotateCount is 0
dateext suffix '-20240417'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9]'
glob finding old rotated logs failed
rotating log /app/projectview/logs/ph-server/error.log, log->rotateCount is 0
dateext suffix '-20240417'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9]'
glob finding old rotated logs failed
rotating log /app/projectview/logs/pms-nginx/access.log, log->rotateCount is 0
dateext suffix '-20240417'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9]'
glob finding old rotated logs failed
rotating log /app/projectview/logs/pms-nginx/error.log, log->rotateCount is 0
dateext suffix '-20240417'
glob pattern '-[0-9][0-9][0-9][0-9][0-9][0-9][0-9]'
glob finding old rotated logs failed
copying /app/projectview/logs/pms-server/access.log to /app/projectview/logs/pms-
server/access.log-20240417
truncating /app/projectview/logs/pms-server/access.log
copying /app/projectview/logs/ph-server/access.log to /app/projectview/logs/ph-
server/access.log-20240417
truncating /app/projectview/logs/ph-server/access.log
copying /app/projectview/logs/ph-server/error.log to /app/projectview/logs/ph-
server/error.log-20240417
truncating /app/projectview/logs/ph-server/error.log
copying /app/projectview/logs/pms-nginx/access.log to /app/projectview/logs/pms-
nginx/access.log-20240417
truncating /app/projectview/logs/pms-nginx/access.log
copying /app/projectview/logs/pms-nginx/error.log to /app/projectview/logs/pms-
nginx/error.log-20240417
truncating /app/projectview/logs/pms-nginx/error.log
```

logrotate 설정 파일을 확인한다.

```
projectview@projectview:/app/installer$ cd /etc/logrotate.d/
projectview@projectview:/etc/logrotate.d$ ls
alternatives apport apt bootlog btmp cups-daemon dpkg nginx ppp rsyslog
sane-utils speech-dispatcher ubuntu-advantage-tools ufw unattended-upgrades
wtmp
projectview@projectview:/etc/logrotate.d$ vi nginx
```

파일 내용은 아래와 같다.

```
/app/projectview/logs/pms-server/access.log
/app/projectview/logs/pms-server/error.log
/app/projectview/logs/ph-server/access.log
```

```
/app/projectview/logs/ph-server/error.log
/app/projectview/logs/pms-nginx/access.log
/app/projectview/logs/pms-nginx/error.log
{
    su root root
    daily
    missingok
    dateext
    copytruncate
    notifempty
    create 644 root root
    sharedscripts
}
```