<FDS 프로젝트 웹 오류 공유 보고서>

| **오류공유 보고서** | | | | | | | | |
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| 제목 | FDS 웹 리다이렉트 SSL 오류 | | | | | | | |
| 대상 | 웹 서버 SSL | | | | | | | |
| 발행일자 | 2024/10/15 | | | | | | | |
| 작성자 | 김동훈 | | | | | | | |
| **오 류 내 용** | | | | | | | | |
| Cloudflare 설정 이후 FDS 웹 서버 접속시 ‘ERR\_TOO\_MANY\_REDIRECTS’ 에러 발생 | | | | | | | | |
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| **원인 요약** | | | | | | | | |
| Cloudflare와 Nginx에서 동시에 리디렉션을 처리하는 과정에서 충돌로 인해 리디렉션 루프가 발생함. | | | | | | | | |
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| **시 정 조 치** | | | | | | | | |
| Cloudflare의 SSL/TLS 모드 설정을 가변(Flexible)으로 처리하고, nginx의 설정 파일에서 http/https 리디렉션과 SSL 설정처리를 제거함. | | | | | | | | |
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| **세부내용** | | | | | | | | |
| 수정 전 Nginx 설정 파일(/etc/nginx/sites-available/nginx.conf)  user www-data;  worker\_processes auto;  pid /run/nginx.pid;  include /etc/nginx/modules-enabled/\*.conf;  events {  worker\_connections 768;  # multi\_accept on;  }  http {  ##  # Basic Settings  ##  sendfile on;  tcp\_nopush on;  types\_hash\_max\_size 2048;  # server\_tokens off;  # server\_names\_hash\_bucket\_size 64;  # server\_name\_in\_redirect off;  include /etc/nginx/mime.types;  default\_type application/octet-stream;  ##  # SSL Settings  ##  ssl\_protocols TLSv1 TLSv1.1 TLSv1.2 TLSv1.3;  ssl\_prefer\_server\_ciphers on;  ##  # Logging Settings  ##  access\_log /var/log/nginx/access.log;  error\_log /var/log/nginx/error.log;  ##  # Gzip Settings  ##  gzip on;  # gzip\_vary on;  # gzip\_proxied any;  # gzip\_comp\_level 6;  # gzip\_buffers 16 8k;  # gzip\_http\_version 1.1;  # gzip\_types text/plain text/css application/json application/javascript text/xml application/xml application/xml+rss text/javascript;  ##  # Virtual Host Configs  ##  include /etc/nginx/conf.d/\*.conf;  include /etc/nginx/sites-enabled/\*;  }  수정 후 Nginx 설정 파일(nginx.conf)  user www-data;  worker\_processes auto;  pid /run/nginx.pid;  include /etc/nginx/modules-enabled/\*.conf;  events {  worker\_connections 768;  # multi\_accept on;  }  http {  ##  # Basic Settings  ##  sendfile on;  tcp\_nopush on;  types\_hash\_max\_size 2048;  # server\_tokens off;  # server\_names\_hash\_bucket\_size 64;  # server\_name\_in\_redirect off;  include /etc/nginx/mime.types;  default\_type application/octet-stream;  ##  # SSL Settings  ##  #ssl\_protocols TLSv1 TLSv1.1 TLSv1.2 TLSv1.3;  #ssl\_prefer\_server\_ciphers on;  ##  # Logging Settings  ##  access\_log /var/log/nginx/access.log;  error\_log /var/log/nginx/error.log;  ##  # Gzip Settings  ##  gzip on;  # gzip\_vary on;  # gzip\_proxied any;  # gzip\_comp\_level 6;  # gzip\_buffers 16 8k;  # gzip\_http\_version 1.1;  # gzip\_types text/plain text/css application/json application/javascript text/xml application/xml application/xml+rss text/javascript;  ##  # Virtual Host Configs  ##  include /etc/nginx/conf.d/\*.conf;  include /etc/nginx/sites-enabled/\*;  }  수정 전 sniffers.site 설정 파일(/etc/nginx/sites-available/sniffers.site)  server {  listen 80;  server\_name sniffers.site www.sniffers.site;  location / {  proxy\_pass http://127.0.0.1:8000;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_set\_header X-Forwarded-Proto $scheme;  return 301 https://$host$request\_uri;  }  location /kibana/ {  proxy\_pass http://127.0.0.1:5601;  proxy\_http\_version 1.1;  proxy\_set\_header Upgrade $http\_upgrade;  proxy\_set\_header Connection 'upgrade';  proxy\_set\_header Host $host;  proxy\_cache\_bypass $http\_upgrade;  }  }  수정 후 sniffers.site 설정 파일(/etc/nginx/sites-available/sniffers.site)  server {  listen 80;  server\_name sniffers.site www.sniffers.site;  location / {  proxy\_pass http://127.0.0.1:8000;  proxy\_set\_header Host $host;  proxy\_set\_header X-Real-IP $remote\_addr;  proxy\_set\_header X-Forwarded-For $proxy\_add\_x\_forwarded\_for;  proxy\_set\_header X-Forwarded-Proto $scheme;  #return 301 https://$host$request\_uri;  }  location /kibana/ {  proxy\_pass http://127.0.0.1:5601;  proxy\_http\_version 1.1;  proxy\_set\_header Upgrade $http\_upgrade;  proxy\_set\_header Connection 'upgrade';  proxy\_set\_header Host $host;  proxy\_cache\_bypass $http\_upgrade;  }  }  Cloudflare SSL/TLS 모드 설정 변경 | | | | | | | | |