Web应用防火墙-WAF

1、拦截cc攻击（可自定义设置cc攻击频率，演示：1分钟同一个IP只能请求同一个地址5次）  
http://117.78.43.162:8080/index.html

2、ip黑名单（114.115.170.6）、ip白名单（114.115.203.227）

curl -v -X POST -d '{"username":"user5","password":"12345"}' http://117.78.43.162:8080/createtoken

curl http://117.78.43.162:8080/test.php?id=select\*from

3、sql注入攻击

curl http://117.78.43.162:8080/test.php?id=select\*from

4、防止ApacheBench之类压力测试工具的攻击

curl -X POST -d '{"username":"user5","password":"123456"}' -A '***ApacheBench***' http://117.78.43.162:8080/createtoken

5、防止svn/备份之类文件泄漏

curl http://117.78.43.162:8080/test.php?id=log.svn

curl http://117.78.43.162:8080/test.php?id=log.bak

6、屏蔽常见的扫描黑客工具，扫描器

curl -X POST -d '{"username":"user5","password":"123456"}' -A '***Nmap***' http://117.78.43.162:8080/createtoken

7、防止webshell上传

curl -X POST -d '{"<?php

$string=`$\_GET[id]`;

echo "<pre>$string</pre>";

?>":"user5","password":"123456"}' http://117.78.43.162:8080/createtoken

8、开启攻击信息日志记录（后续可进行攻击日志分析）

tail -f /data/yangpf/work/logs/hack/\_2019-02-19\_sec.log

9、文件查杀（001）

curl -X POST  -F "file=@zookeeper.out"  http://192.168.1.13:8080/upload

curl -X POST  -F "file=@a.pdf"  http://192.168.1.13:8080/upload -m 1000 --connect-timeout 1000 --keepalive-time 2000

curl -X POST  -F "file=@supermap-iserver-9.1.1-linux64-deploy.tar.gz"  http://192.168.1.13:8080/upload -m 1000 --connect-timeout 1000 --keepalive-time 2000

curl -X POST  -F "file=@wanderingearth.mp4"  http://192.168.1.13:8080/upload -m 1000 --connect-timeout 1000 --keepalive-time 2000

（绿建服务端114.115.206.58）

绿建计算内核调度中心

postman（POST请求）

1、登陆

http://117.78.43.162:8080/cfd?request="GpOl\_Login"&username="evanxuhe"&password="Abc=1234"

2、新建一个项目

http://117.78.43.162:8080/cfd?request="GpOl\_ProjectNew"&user\_id=826&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyNiJ9.itU9-Z-VblC8fxBpqk5iNbcC1rT8DWi7jzwYWYsDR6c"&project\_name="徐贺2"&is\_bdl=0&bdl\_name="bdls(1).bdls"&file\_size=987805

3、  找到刚才那个项目

http://117.78.43.162:8080/cfd?request="GpOl\_FindBdls"&user\_id=826&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyNiJ9.itU9-Z-VblC8fxBpqk5iNbcC1rT8DWi7jzwYWYsDR6c"&project\_name="测试项目1"&md5="aeedd59e1554f1a337122f52ca2de162"

4、  发起计算请求

http://117.78.43.162:8080/cfd?request="GpOl\_Compute"&user\_id=826&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyNiJ9.itU9-Z-VblC8fxBpqk5iNbcC1rT8DWi7jzwYWYsDR6c"&project\_id=654&bdls\_id=640&platform="galp"&module\_name="PKPM-CFD"&is\_outdoor="true"&cal\_item="室外风环境模拟"

5、查询计算内容

http://117.78.43.162:8080/cfd?request="GpOl\_QueryComputeUser"&user\_id=826&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyNiJ9.itU9-Z-VblC8fxBpqk5iNbcC1rT8DWi7jzwYWYsDR6c"

6、发送下载请求

http://117.78.43.162:8080/cfd?request="GpOl\_DownloadComputeReport"&user\_id=828&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyOCJ9.D9X2kuXNv--tPciMUbn23V2WN3PfWJqq\_hSiQtdc28I"&compute\_item\_id=744

反向代理与资源缓存

http://117.78.43.162:8080/index.html

BIMS接口访问演示：（006：114.115.203.227）

ps -ef|grep nginx

kill -9  \*\*\*

mv /data/yangpf/work /data/yangpf/work\_bak1

mv /data/yangpf/work\_bak /data/yangpf/work

ls /data/yangpf/

nginx -p /data/yangpf/work -c /data/yangpf/work/conf/nginx.conf

http://114.115.203.227:8080/data/bims/v1/BimBox/GetToken

http://114.115.203.227:8080/data/swagger/index.html

（绿建GIS服务端114.115.135.155）

绿建计算内核调度中心

postman（POST请求）

1、登陆，获得user\_id和token

http://114.115.128.169:8080/gis?request="GpOl\_Login"&username="test"&password="123456"

{"response":"ok","token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyMyJ9.GLrtwzAJCxu9cSTCI7FiBgQT5XgsnlqyNpelst8rfD4","user\_id":823}

2、调用计算

http://114.115.128.169:8080/gis?request="GpOl\_GisOpenfoam\_Compute"&user\_id=823&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyMyJ9.GLrtwzAJCxu9cSTCI7FiBgQT5XgsnlqyNpelst8rfD4"

{"project\_id":18,"response":"ok"}

3、查询计算

http://114.115.128.169:8080/gis?request="GpOl\_GisOpenfoam\_Status"&user\_id=823&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyMyJ9.GLrtwzAJCxu9cSTCI7FiBgQT5XgsnlqyNpelst8rfD4"&project\_id=15

{"response":"ok","status":"done"}

todo表示还没算完 done表示算完

4、下载结果

http://114.115.128.169:8080/gis?request="GpOl\_GisOpenfoam\_DownloadResult"&user\_id=823&token="eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpc3MiOiJhdXRoMCIsInVzZXJJRCI6IjgyMyJ9.GLrtwzAJCxu9cSTCI7FiBgQT5XgsnlqyNpelst8rfD4"&project\_id=17

下载返回的是一个压缩文件vtk.zip