中新金盾抗拒绝服务系统

（API 接口说明）

中新网络信息安全股份有限公司

文档编码：ZXS-PD-DMS API 接口说明-v2.1

■文档变更记录

时间	版本	说明	修改人	审核人
2016-12-13	V1.0	格式、内容	王斌	王斌
2017-06-24	V2.0	修改格式、增加内容	王斌	王斌
2017-09-26	V2.1	增加屏蔽列表数据	王斌	王斌

目 录

1 概述

API（Application Programming Interface,应用程序编程接口）是一些预先定义的函数，目的是提供应用程序与开发人员基于某软件或硬件得以访问一组例程的能力,而又无需访问源码，或理解内部工作机制的细节。中新网安抗拒绝产品可通过 http 调用各字段值获取或者操作产品对应的功能选项。文本中各字段适用于所有系列硬件抗拒绝服务系统,有些版本界面通过抓包无法获取本文中字段，但是这些字段同样可以适用。

2 功能

2.1 登陆

2.1.1 功能说明

通过用户名和密码登陆设备，获取会话 sid，之后每次请求在 cookie 中须携带此 sid 以通过验证。

2.1.2 接口调用 URL

http://[域名]/cgi-bin/login.cgi

2.1.3 输入参数

以 POST 方式传递以下参数：

参数名称	是否必须	类型	说明
param_type	是	String	固定值：login
param_username	是	String	登陆用户名；例如：admin
param_password	是	String	登陆密码；例如：123

2.1.4 输出参数

➢ 登陆成功

登陆成功输出信息为 XML，跳转到/cgi-bin/status_global.cgi。

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/redirect.xsl"?>
<redirect>
 <page>/cgi-bin/status_global.cgi</page>
```

</redirect>

> 登陆失败

登陆失败输出信息为 XML，错误提示并跳转到/index.html。

```xml
<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/failure.xsl"?>


<failure>

    <info>........................................</info>

    <url>/index.html</url>

    <params></params>

</failure>
```

2.1.5 示例

> 请求

```
POST /cgi-bin/login.cgi HTTP/1.1

Host: 172.16.13.67:28099

User-Agent: Mozilla/5.0 (Windows NT 6.1; Win64; x64; rv:53.0) Gecko/20100101 Firefox/53.0

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Accept-Language: zh-CN,zh;q=0.8,en-US;q=0.5,en;q=0.3

Accept-Encoding: gzip, deflate

Content-Type: application/x-www-form-urlencoded

Content-Length: 56

Referer: http://172.16.13.67:28099/index.html

Cookie: sid=; language=zh-cn

Connection: keep-alive

Upgrade-Insecure-Requests: 1


param_type=login&param_username=admin&param_password=123
```

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Flogin%2Ecgi

Set-Cookie: history=

Content-Length: 173

Date: Sat, 13 May 2017 02:20:02 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/redirect.xsl"?>

<redirect>

    <page>/cgi-bin/status_global.cgi</page>

</redirect>

2.2 系统版本信息

2.2.1 功能说明

获取设备版本信息，包括产品名称、软件版本、系统序列号、授权期限。

2.2.2 接口调用 URL

http://[域名] /cgi-bin/service_version.cgi

2.2.3 输入参数

GET 请求方式。

2.2.4 输出参数

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/service_version.xsl"?>

<service_version>
 <rack_unit_list>
      <this_rack_unit>1</this_rack_unit>
 </rack_unit_list>

 <version>xx</version>
 <build_number>xx</build_number>
 <build_time>xx</build_time>
 <serial>xx</serial>
 <expire></expire>
</service_version>
```

2.2.5 示例

➢ 请求

GET /cgi-bin/service_version.cgi HTTP/1.1

Host: 172.16.13.61:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.61:28099/cgi-bin/status_global.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi;

history=%2Fcgi%2Dbin%2Flogin%2Ecgi%7C%2Fcgi%2Dbin%2Flogout%2Ecgi%7C%2Fcgi%2Dbin%2F service%5Fversion%2Ecgi;

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83 %D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83 %D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi

Set-Cookie: history=

Content-Length: 412

Date: Wed, 21 Jun 2017 08:42:19 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/service_version.xsl"?>

<service_version>

　<rack_unit_list>

```
            <this_rack_unit>1</this_rack_unit>
    </rack_unit_list>


    <version>Protector-10000</version>

    <build_number>637</build_number>

    <build_time>2017-03-31 11:31</build_time>

    <serial>EqVQGOFgDEaMHVi5P1Cwq</serial>

    <expire></expire>

    </service_version>
```

2.3 全局统计

2.3.1 功能说明

获取输入/输出流量、过滤后流量、报文、匿名流量、路由丢失流量。

2.3.2 接口调用 URL

http://[域名]/cgi-bin/status_global.cgi

2.3.3 输入参数

GET 方式请求。

2.3.4 输出参数

参数名称	说明
wan_input_bps	输入 bps
wan_input_pps	输入 pps
wan_submit_bps	输入过滤后 bps
wan_submit_pps	输入过滤后 pps
lan_input_bps	输出 bps
lan_input_pps	输出 pps
lan_submit_bps	输出过滤后 bps
lan_submit_pps	输出过滤后 bps
anonymous_incoming_bps	外网匿名流量 bps
anonymous_incoming_submit_bps	外网匿名流量过滤后 bps
anonymous_outgoing_bps	内网匿名流量 bps
anonymous_outgoing_submit_bps	内网匿名流量过滤后 bps
miss_routing_bps	路由丢失 bps

2.3.5 示例

> 请求

GET /cgi-bin/status_global.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_global.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi;
history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi

Set-Cookie: history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi

Content-Length: 742

Date: Sat, 24 Jun 2017 10:32:11 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_global.xsl"?>

```xml
<status_global>
 <wan_input_bps>0.00</wan_input_bps>
 <wan_input_pps>0</wan_input_pps>
 <wan_submit_bps>0.00</wan_submit_bps>
 <wan_submit_pps>0</wan_submit_pps>
 <lan_input_bps>0.00</lan_input_bps>
 <lan_input_pps>0</lan_input_pps>
 <lan_submit_bps>0.00</lan_submit_bps>
 <lan_submit_pps>0</lan_submit_pps>
 <anonymous_incoming_bps>0.00</anonymous_incoming_bps>
 <anonymous_incoming_submit_bps>0.00</anonymous_incoming_submit_bps>
 <anonymous_outgoing_bps>0.00</anonymous_outgoing_bps>
 <anonymous_outgoing_submit_bps>0.00</anonymous_outgoing_submit_bps>
 <miss_routing_bps>0.00</miss_routing_bps>
</status_global>
```

2.4 系统负载

2.4.1 功能说明

获取设备（各单元）CPU 占用率、内存使用、设备接口报文等。

2.4.2 接口调用 URL

http://[域名]/cgi-bin/status_health.cgi

2.4.3 输入参数

Get 方式获取。

2.4.4 输出参数

参数名称	说明
cpu_usage	Cpu 占用率
memory_usage	内存使用
name	接口名称
recv_rate	接收报文频率
recv_error	接收错误频率
send_rate	发送报文频率
send_error	发送错误报文频率

2.4.5 示例

➢ 请求

GET /cgi-bin/status_health.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)

Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_health.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi;

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

---

➤   返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi

Set-Cookie:

history=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi

Content-Length: 1076

Date: Sat, 24 Jun 2017 10:48:05 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_health.xsl"?>

```xml
<cpu_usage>0.5% [ 0.0% 0.0% ]</cpu_usage>

<memory_usage>408 MB total, 39.0% used</memory_usage>

<device_stat>

    <name>eth0</name>

    <recv_rate>0</recv_rate>

    <recv_error>0</recv_error>

    <send_rate>0</send_rate>

    <send_error>0</send_error>

</device_stat>


<device_stat>

    <name>eth1</name>

    <recv_rate>65</recv_rate>

    <recv_error>1</recv_error>

    <send_rate>0</send_rate>

    <send_error>0</send_error>

</device_stat>


<device_stat>

    <name>eth2</name>

    <recv_rate>0</recv_rate>

    <recv_error>0</recv_error>

    <send_rate>0</send_rate>

    <send_error>0</send_error>

</device_stat>


<device_stat>

    <name>eth3</name>

    <recv_rate>0</recv_rate>

    <recv_error>0</recv_error>

    <send_rate>0</send_rate>

    <send_error>0</send_error>

</device_stat>
```

```
    <device_stat>

        <name>lo</name>

        <recv_rate>0</recv_rate>

        <recv_error>0</recv_error>

        <send_rate>0</send_rate>

        <send_error>0</send_error>

    </device_stat>


</status_health>
```

2.5 防护范围

2.5.1 功能说明

添加、删除需要防护的地址段。

2.5.2 接口调用 URL

http://[域名]/ cgi-bin/status_pranges.cgi

2.5.3 输入参数

➢ Post 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交； delete：删除 import：导入 export：导出
param_prange	地址范围（格式：x.x.x.x-x.x.x.x/xx）
param_import_pranges	范围列表
filename	导入配置文件名称
param_import_pranges2	导入配置文件路径

➢ Get 请求防护范围页面。

2.5.4 输出参数

Get 请求输出结果：

参数名称	说明
address	开始地址
address2	结束地址
prefix	地址前缀

2.5.5 示例

➢ 提交

POST /cgi-bin/status_pranges.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 539

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)

Chrome/58.0.3029.110 Safari/537.36

Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryY0bvV8qocvkSvHzA

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_pranges.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%

7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi;

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

------WebKitFormBoundaryY0bvV8qocvkSvHzA

Content-Disposition: form-data; name="param_submit_type"

submit

------WebKitFormBoundaryY0bvV8qocvkSvHzA

Content-Disposition: form-data; name="param_prange"

3.3.3.3-3.3.3.4/24

------WebKitFormBoundaryY0bvV8qocvkSvHzA

Content-Disposition: form-data; name="param_import_pranges"; filename=""

Content-Type: application/octet-stream

------WebKitFormBoundaryY0bvV8qocvkSvHzA

Content-Disposition: form-data; name="param_import_pranges2"

------WebKitFormBoundaryY0bvV8qocvkSvHzA--

➢ 请求

GET /cgi-bin/status_pranges.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_pranges.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;
page=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi;
history=%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%
7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi; language=zh-cn

➢ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi

Set-Cookie:

history=%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi

Content-Length: 474

Date: Sat, 24 Jun 2017 11:09:41 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_pranges.xsl"?>

<status_pranges>

    <prange>

        <address>3.3.3.3</address>

        <address2>3.3.3.4</address2>

        <prefix>24</prefix>

    </prange>

</status_pranges>

2.6 主机状态

2.6.1 功能说明

获取主机各参数报文频率和连接数等，添加、删除、操作主机。

2.6.2 接口调用 URL

http://[域名] /cgi-bin/status_host.cgi

2.6.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作类型（只有 add-host 添加）
param_host_addr	添加地址（IPv6 版本此参数为空）
param_this_sort	排列类型 -1：按主机地址排列 -2：按带宽排列 -5：按频率排列 -6：按连接排列 1：默认排列
param_view	视图类型 0：全部 1：处于防御状态 2：处于自动防御状态 3：处于手动防御状态 4：处于其他防御状态 5：总流量前 100 6：输入流量前 100 7：输出流量前 100 8：攻击频率前 100

	9：总连接前 100
	10：新建连接前 100
param_netaddr	需要添加的地址范围
param_gateway	网关 MAC 地址

➢ Get 请求主机列表。

2.6.4 输出参数

Get 请求输出结果：

参数名称	说明
host_address	主机列表
sort_type	排列类型
view	视图
type	类型（full：所有主机；host：具体主机）
address	主机 IP 地址
input_bps	输入 bps
input_pps	输入 pps
input_submit_bps	输入过滤后 bps
input_submit_pps	输入过滤后 pps
output_bps	输出 bps
output_pps	输出 pps
output_submit_bps	输出过滤后 bps
output_submit_pps	输出过滤后 pps
baseline_reference	
syn_rate	Syn 报文频率
ack_rate	Ack 报文频率
udp_rate	Udp 报文频率
icmp_rate	Icmp 报文频率
frag_rate	碎片报文频率
nonip_rate	Nonip 报文频率
new_tcp_rate	新建 tcp 频率

new_udp_rate	新建 udp 频率
tcp_conn_in	Tcp 进连接数
tcp_conn_out	Tcp 出连接数
udp_conn	Udp 连接数
icmp_conn	Icmp 连接数
status	防护状态

2.6.5 示例

➢ 提交

POST /cgi-bin/status_host.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 124

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_host.cgi?param_view=9

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%3Fparam%5Fview%3D9; history=%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi; sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=add-host&param_host_addr=&param_this_sort=1&param_view=9&param_netaddr=1.1.1.1-1.1.1.3%2F24&param_gateway=

➢ 请求

GET /cgi-bin/status_host.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_host.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi;

history=%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi; language=zh-cn

> ➤ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi

Set-Cookie:

history=%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi

Content-Length: 3287

Date: Sat, 24 Jun 2017 12:38:15 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_host.xsl"?>

```xml
<status_host>
<host_address></host_address>
<sort_type>1</sort_type>
<view>-1</view>
<host>
    <type>full</type>
    <address></address>
    <input_bps>0.00</input_bps>
    <input_pps>0</input_pps>
    <input_submit_bps>0.00</input_submit_bps>
    <input_submit_pps>0</input_submit_pps>
    <output_bps>0.00</output_bps>
    <output_pps>0</output_pps>
    <output_submit_bps>0.00</output_submit_bps>
    <output_submit_pps>0</output_submit_pps>
    <baseline_reference>0</baseline_reference>
    <syn_rate>0</syn_rate>
    <ack_rate>0</ack_rate>
    <udp_rate>0</udp_rate>
    <icmp_rate>0</icmp_rate>
    <frag_rate>0</frag_rate>
    <nonip_rate>0</nonip_rate>
    <new_tcp_rate>0</new_tcp_rate>
    <new_udp_rate>0</new_udp_rate>
    <tcp_conn_in>0</tcp_conn_in>
    <tcp_conn_out>0</tcp_conn_out>
    <udp_conn>0</udp_conn>
    <icmp_conn>0</icmp_conn>
    <status></status>
</host>

<host>
    <type>host</type>
    <address>1.1.1.1</address>
    <input_bps>0.00</input_bps>
    <input_pps>0</input_pps>
    <input_submit_bps>0.00</input_submit_bps>
```

```
            <input_submit_pps>0</input_submit_pps>

            <output_bps>0.00</output_bps>

            <output_pps>0</output_pps>

            <output_submit_bps>0.00</output_submit_bps>

            <output_submit_pps>0</output_submit_pps>

            <baseline_reference>0</baseline_reference>

            <syn_rate>0</syn_rate>

            <ack_rate>0</ack_rate>

            <udp_rate>0</udp_rate>

            <icmp_rate>0</icmp_rate>

            <frag_rate>0</frag_rate>

            <nonip_rate>0</nonip_rate>

            <new_tcp_rate>0</new_tcp_rate>

            <new_udp_rate>0</new_udp_rate>

            <tcp_conn_in>0</tcp_conn_in>

            <tcp_conn_out>0</tcp_conn_out>

            <udp_conn>0</udp_conn>

            <icmp_conn>0</icmp_conn>

            <status>&lt;TCP&gt;</status>

        </host>

    </status_host>
```

2.7 主机设置

2.7.1 功能说明

针对主机设置流量策略、忽略、屏蔽等。

2.7.2 接口调用 URL

http://[域名] /cgi-bin/status_hostset.cgi

2.7.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_setting_addr	主机 IP 地址
param_prefix	地址前缀
param_exist	有效
param_record_flow	记录
param_gateway_ip	网关 IP 地址
param_gateway_mac	网关 MAC 地址
param_flowlimit_incoming_bps	输入 Mbps
param_flowlimit_incoming_pps	输入 PPS
param_flowlimit_outgoing_bps	输出 Mbps
param_flowlimit_outgoing_pps	输出 PPS
param_ignore	忽略所有流量
param_forbid	屏蔽所有流量
param_forbid_overflow	流量超出屏蔽
param_reject_foreign_access	拒绝国外访问
param_param_set	防护参数集
param_filter_set	过滤规则集
param_portpro_set_tcp	TCP 端口集
param_portpro_set_udp	UDP 端口集
param_plugin_tcp_0	WEB Service Protection v9.02
param_plugin_tcp_1	Game Service Protection v4.1
param_plugin_tcp_2	Misc Service Protection v3.2
param_plugin_tcp_3	TCP DNS Service Protection v2.3
param_plugin_udp_0	UUChat Voice Service Protection v1.0
param_plugin_udp_1	UDP DNS Service Protection v2.3
param_plugin_udp_4	UDP App Protection v1.1

➢ Get 请求主机设置。

2.7.4 输出参数

Get 请求输出结果：

参数名称	说明
setting_address	主机列表
address	主机 IP 地址
prefix	地址前缀
exist	有效
record_flow	记录
gateway_ip	网关 IP 地址
gateway_mac	网关 MAC 地址
flow_incoming_bps	输入 Mbps
flow_outgoing_bps	输入 PPS
flow_incoming_pps	输出 Mbps
flow_outgoing_pps	输出 PPS
ignore	忽略所有流量
forbid	屏蔽所有流量
forbid_overflow	流量超出屏蔽
reject_foreign	拒绝国外访问
param_set	防护参数集
filter_set	过滤规则集
portpro_set_tcp	TCP 端口集
portpro_set_udp	UDP 端口集
plugin	防护插件
protocol	协议类型
id	对应 ID
name	插件名称
enabled	是否开启

2.7.5 示例

➢ 提交

POST /cgi-bin/status_hostset.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 571

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_hostset.cgi?hostaddr=1%2E1%2E1%2E1

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie:
page=%2Fcgi%2Dbin%2Fstatus%5Fhostset%2Ecgi%3Fhostaddr%3D1%252E1%252E1%252E1;
history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi
%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_setting_addr=1.1.1.1&param_prefix=24&param_exist=ON&param_record_flow=ON&param_gateway_ip=1.1.1.0&param_gateway_mac=&param_flowlimit_incoming_bps=11&param_flowlimit_incoming_pps=&param_flowlimit_outgoing_bps=&param_flowlimit_outgoing_pps=&param_ignore=ON&param_forbid=ON&param_forbid_overflow=ON&param_reject_foreign_access=ON&param_param_set=0&param_filter_set=0&param_portpro_set_tcp=0&param_portpro_set_udp=0&param_plugin_tcp_0=ON&param_plugin_tcp_1=ON&param_plugin_tcp_2=ON&param_plugin_tcp_3=ON&param_plugin_udp_0=ON&param_plugin_udp_1=ON&param_plugin_udp_4=ON

➢   请求

GET /cgi-bin/status_hostset.cgi?hostaddr=1%2E1%2E1%2E1 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_hostset.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fstatus%5Fhostset%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi
%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie:

page=%2Fcgi%2Dbin%2Fstatus%5Fhostset%2Ecgi%3Fhostaddr%3D1%252E1%252E1%252E1

Set-Cookie:

history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi
%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi

Content-Length: 1796

Date: Sat, 24 Jun 2017 13:06:38 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_hostset.xsl"?>

<status_hostset>
 <setting_address>1.1.1.1</setting_address>
 <address>1.1.1.1</address>
 <prefix>24</prefix>
 <exist>checked</exist>
 <record_flow>checked</record_flow>

```xml
<gateway_mac></gateway_mac>
<flow_incoming_bps>11</flow_incoming_bps>
<flow_outgoing_bps></flow_outgoing_bps>
<flow_incoming_pps></flow_incoming_pps>
<flow_outgoing_pps></flow_outgoing_pps>
<ignore>checked</ignore>
<forbid>checked</forbid>
<forbid_overflow>checked</forbid_overflow>
<reject_foreign>checked</reject_foreign>
<param_set>0</param_set>
<filter_set>0</filter_set>
<portpro_set_tcp>0</portpro_set_tcp>
<portpro_set_udp>0</portpro_set_udp>
<plugin>
    <protocol>tcp</protocol>
    <id>0</id>
    <name>WEB Service Protection v9.02</name>
    <enabled>checked</enabled>
</plugin>

<plugin>
    <protocol>tcp</protocol>
    <id>1</id>
    <name>Game Service Protection v4.1</name>
    <enabled>checked</enabled>
</plugin>

<plugin>
    <protocol>tcp</protocol>
    <id>2</id>
    <name>Misc Service Protection v3.2</name>
    <enabled>checked</enabled>
</plugin>

<plugin>
    <protocol>tcp</protocol>
    <id>3</id>
```

```xml
        <name>DNS Service Protection v2.3</name>
        <enabled>checked</enabled>
    </plugin>


    <plugin>
        <protocol>udp</protocol>
        <id>0</id>
        <name>UUChat Voice Service Protection v1.0</name>
        <enabled>checked</enabled>
    </plugin>


    <plugin>
        <protocol>udp</protocol>
        <id>1</id>
        <name>DNS Service Protection v2.3</name>
        <enabled>checked</enabled>
    </plugin>


    <plugin>
        <protocol>udp</protocol>
        <id>4</id>
        <name>UDP App Protection v1.1</name>
        <enabled>checked</enabled>
    </plugin>

    <captured_files>
    </captured_files>


</status_hostset>
```

2.8 IP 黑白名单设置

2.8.1 功能说明

添加、删除、查询、导入、导出黑白名单。

2.8.2 接口调用 URL

http://[域名] /cgi-bin/status_bwlist.cgi

2.8.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交； delete：删除 select：查询（主机查询） import：导入 export：导出 show：查询（查询方式）
param_page	页数（第几页）
param_this_sort	排列类型 1：按地址排列 2：按类型排列 3：按匹配数排列
param_address	添加的地址
param_comments	备注
param_bwlist_file	名单列表
filename	配置文件名称
param_bwlist_file2	配置文件路径

➢   Get 请求黑白名单。

2.8.4 输出参数

Get 请求输出结果：

参数名称	说明
address	地址
flags	类型
hits	匹配次数
comment	备注

2.8.5 示例

➢   提交

POST /cgi-bin/status_bwlist.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 826

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: multipart/form-data; boundary=----WebKitFormBoundaryaexfryIRkLZeIp7b

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_bwlist.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fbwlist%2Ecgi;
history=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_bwlist.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fstatus%5Fbwlist%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fbwlist%2Ecgi

Set-Cookie:
history=%2Fcgi%2Dbin%2Fstatus%5Fpranges%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhealth%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi

Content-Length: 671

Date: Sat, 24 Jun 2017 11:59:00 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_bwlist.xsl"?>

<status_bwlist>
 <address></address>
 <page>0</page>
 <page_title>...... .... 0 ....1...</page_title>

```
    <sort_type>1</sort_type>
    <bwlist>
        <address>2.2.3.2</address>
        <flags>.........</flags>
        <hits>0</hits>
        <comment></comment>
    </bwlist>


    </status_bwlist>
```

2.9 域名管理

2.9.1 功能说明

添加、删除、查询、导入、导出域名。

2.9.2 接口调用 URL

http://[域名] /cgi-bin/status_domains.cgi

2.9.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交； delete：删除 select：查询（按域名查询） clear：清除自动获取的域名 import：导入 export：导出 show：查询（查询方式）

param_page	页数（第几页）
param_show_flags	查询类型 blacklist+whitelist+collect：黑+白+自动 blacklist+whitelist：黑+白 blacklist：黑名单 whitelist：白名单 collect：自动收集
param_domain_name	需要操作的域名
param_domain_comment	备注
param_import_domains	导入的域名列表
filename	配置文件名称
param_import_domains2	配置文件路径

> Get 请求域名列表。

2.9.4 输出参数

Get 请求输出结果：

参数名称	说明
name	域名
flags	类型
address	IP 地址
hits	匹配次数
comment	备注

2.9.5 示例

> 提交

POST /cgi-bin/status_domains.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 861

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: multipart/form-data; boundary=----WebKitFormBoundary7F2JWjEhTFlubjA4

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_domains.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi; history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi; sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_submit_type"

submit

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_page"

0

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_show_flags"

blacklist+whitelist+collect

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_domain_name"

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_domain_comment"

------WebKitFormBoundary7F2JWjEhTFlubjA4

Content-Disposition: form-data; name="param_import_domains"; filename=""

Content-Type: application/octet-stream

------WebKitFormBoundary7F2JWjEhTFIubjA4

Content-Disposition: form-data; name="param_import_domains2"

------WebKitFormBoundary7F2JWjEhTFIubjA4--

> 请求

GET /cgi-bin/status_domains.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_domains.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi;

language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

```
Set-Cookie: page=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi

Set-Cookie:
history=%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi

Content-Length: 507

Date: Sat, 24 Jun 2017 13:34:59 GMT

Server: ZX-HTTP-SRV


<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_domains.xsl"?>


<status_domains>
 <page>0</page>
 <page_title>...... ......... 0 ......... ...... ......1...</page_title>
 <show_flags>blacklist+whitelist+collect</show_flags>
 <domain_name></domain_name>
 <domain_host>
      <name>test.com</name>
      <flags>.........</flags>
      <address></address>
      <hits>0</hits>
      <comment>test</comment>
 </domain_host>


</status_domains>
```

2.10 屏蔽列表

2.10.1 功能说明

查询、重置、导出屏蔽数据。

2.10.2 接口调用 URL

http://[域名] /cgi-bin/ status_fblink.cgi

2.10.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式参数 select：选择（查询）； reset：重置 download：下载
param_page	页数（第几页）
param_this_sort	排列类型参数 1：按本地地址排列 2：按远程地址排列 3：按当前状态排列 4：按屏蔽原因排序
links_element	条件筛选开关参数 on：开启（在设置筛选条件时此项必须要存在） 无：没有开启筛选条件
param_filter	筛选条件参数 格式：单个 IP、指定源和目的（目的 IP-源 IP）、组合形式（中间逗号分开）

2.10.4 输出参数

Get 请求输出结果：

参数名称	说明
page	当前页数
sort_tpye	排列类型
local_address	本地地址
remote_address	远程地址

release_time	当前状态（剩余时间）
forbid_reason	屏蔽原因

2.10.5 示例

> 提交

POST /cgi-bin/status_fblink.cgi HTTP/1.1

Host: 172.16.13.63:28099

Connection: keep-alive

Content-Length: 109

Cache-Control: max-age=0

Origin: http://172.16.13.63:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/59.0.3071.115 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8

Referer: http://172.16.13.63:28099/cgi-bin/status_fblink.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: history=%2Fcgi%2Dbin%2Fstatus%5Ffblink%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=select&param_page=0&param_this_sort=1&links_element=on&param_filter=1 0.10.10.130-10.20.20.3

> 请求

GET /cgi-bin/status_fblink.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/59.0.3071.115 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/status_fblink.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: history=%2Fcgi%2Dbin%2Fstatus%5Ffblink%2Ecgi;

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

➢ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: history=%2Fcgi%2Dbin%2Fstatus%5Ffblink%2Ecgi

Content-Length: 799

Date: Tue, 26 Sep 2017 02:39:07 GMT

Server: ZX-HTTP-SRV

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/status_fblink.xsl"?>

<status_fblink>
 <filter></filter>
 <page>0</page>
 <page_title>...... ......... - <a style="font-weight:bold;font-size:14px;">0</a> - ......... ...... ......1...</page_title>
 <sort_type>1</sort_type>
 <fblink>
      <local_address>10.10.10.130</local_address>
      <remote_address>10.20.20.3</remote_address>
      <release_time>......5996...</release_time>
      <forbid_reason>SYN Flood......</forbid_reason>
 </fblink>
```

```
<fblink>

    <local_address>10.10.10.131</local_address>

    <remote_address>10.20.20.3</remote_address>

    <release_time>......5780...</release_time>

    <forbid_reason>.................</forbid_reason>

</fblink>


</status_fblink>
```

2.11 全局防护参数

2.11.1 功能说明

全局各种防护参数设置。

2.11.2 接口调用 URL

http://[域名] /cgi-bin/params_global.cgi

2.11.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交； default：默认
param_flowctrl	流量策略 Protect：攻击防御模式（自动牵引） Passthrough：透明直通 ManualProtect：攻击防御（手动牵引）
param_switch_discover_host	自动获取主机地址
param_switch_multiple_gateway	记录主机路由选择

param_critical_packet_rate_threshold	报文频率紧急状态
param_anonymous_flow_limit_wan_ip	外网匿名流量
param_anonymous_flow_limit_lan_ip	内网匿名流量（/IP）
param_anonymous_flow_limit_lan_mac	内网匿名流量（/MAC）
param_content_filter_flow_limit	简单流量过滤限制
param_ignore_host_flow_limit	忽略主机流量限制
param_malice_forbid_time	屏蔽持续时间
param_host_param_set	参数集序号
param_tcp_syn	SYN Flood 保护
param_tcp_syn_urgent	SYN Flood 高压保护
param_tcp_syn_host	SYN Flood 单机保护
param_tcp_ack_rst	ACK&RST Flood 保护
param_udp	UDP 保护触发
param_icmp	ICMP 保护触发
param_frag	碎片保护触发
param_nonip	Nonip 保护触发
param_close_port	关闭端口触发
param_baseline_factor	基线因子
param_tcp_max_host_connections_in	TCP 连接数量限制（输入/主机）
param_tcp_max_host_connections_out	TCP 连接数量限制（输出/主机）
param_tcp_max_link_connections	TCP 连接数量限制（/IP）
param_tcp_max_access_rate	TCP 连接频率保护
param_tcp_expire_timeout	TCP 连接空闲超时
param_udp_max_host_links	UDP 连接数量保护
param_udp_expire_timeout	UDP 连接空闲超时
param_icmp_expire_timeout	ICMP 连接空闲超时
param_bwlist_flags	黑白名单策略 Blacklist：黑名单 Whitelist：白名单
variable_DomainAudit.AuditMode	域名变量
variable_DomainAudit.Redirect	域名跳转
variable_DNS.Mode	DNS 变量
variable_Misc.CustomData	Misc 变量

variable_WEB.Special	WEB.secial 变量
variable_WEB.AuthorizePage	WEB 插件参数 4 认证服务器

> ➢ Get 请求全局参数。

2.11.4 输出参数

Get 请求输出结果：

参数名称	说明
value	集序号索引值
host_param_set	当前集序号
flowctrl	流量控制
time	系统时间
switch_discover_host	自动获取主机地址
switch_multiple_gateway	记录主机路由选择
critical_packet_rate_threshold	报文频率紧急状态
anonymous_flow_limit_wan_ip	外网匿名流量
anonymous_flow_limit_lan_ip	内网匿名流量（/IP）
anonymous_flow_limit_lan_mac	内网匿名流量（/MAC）
content_filter_flow_limit	简单流量过滤限制
ignore_host_flow_limit	忽略主机流量限制
malice_forbid_time	屏蔽持续时间
tcp_syn_protect	SYN Flood 保护
tcp_syn_urgent_protect	SYN Flood 高压保护
tcp_syn_host_protect	SYN Flood 单机保护
tcp_ack_rst_protect	ACK&RST Flood 保护
udp_protect	UDP 保护触发
icmp_protect	ICMP 保护触发
frag_protect	碎片保护触发
nonip_protect	Nonip 保护触发
close_port_protect	关闭端口触发
tcp_max_host_connections_in	TCP 连接数量限制（输入/主机）

tcp_max_host_connections_out	TCP 连接数量限制（输出/主机）
tcp_max_link_connections	TCP 连接数量限制（/IP）
tcp_max_access_rate	TCP 连接频率保护
tcp_conn_timeout	TCP 连接空闲超时
udp_max_host_links	UDP 连接数量保护
udp_expire_timeout	UDP 连接空闲超时
icmp_expire_timeout	ICMP 连接空闲超时
bwlist_flags	黑白名单策略 Blacklist：黑名单 Whitelist：白名单
baseline_factor	基线因子
variable	变量设置
name	变量名称
value	对应参数

2.11.5 示例

➢ 提交

POST /cgi-bin/params_global.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 1082

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_global.cgi?set=0

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0;
history=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi
%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=submit&param_flowctrl=Protect&param_switch_discover_host=on&param_swi
tch_multiple_gateway=on&param_critical_packet_rate_threshold=1500000&param_anonymous_flow_li
mit_wan_ip=100&param_anonymous_flow_limit_lan_ip=100&param_anonymous_flow_limit_lan_mac=1
00&param_content_filter_flow_limit=10&param_ignore_host_flow_limit=10&param_malice_forbid_time=
10000&param_host_param_set=0&param_tcp_syn=10000&param_tcp_syn_urgent=500000&param_tc
p_syn_host=10000&param_tcp_ack_rst=10000&param_udp=1000&param_icmp=100&param_frag=100
&param_nonip=10000&param_close_port=1000&param_baseline_factor=0.00&param_tcp_max_host_c
onnections_in=100000&param_tcp_max_host_connections_out=1000&param_tcp_max_link_connectio
ns=300&param_tcp_max_access_rate=300&param_tcp_expire_timeout=300&param_udp_max_host_li
nks=100000&param_udp_expire_timeout=100&param_icmp_expire_timeout=30&param_bwlist_flags=bl
acklist&param_bwlist_flags=whitelist&variable_DomainAudit.AuditMode=0&variable_DomainAudit.Redir
ect=&variable_DNS.Mode=&variable_Misc.CustomData=&variable_WEB.Special=&variable_WEB.Auth
orizePage=

➢ 请求

GET /cgi-bin/params_global.cgi?set=0 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_global.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;
page=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi;
history=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi
%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi; language=zh-cn

➢ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0

Set-Cookie:

history=%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi%7C%2Fcgi%2Dbin%2Fstatus%5Fhost%2Ecgi%7C%2Fcgi%2Dbin%2Fservice%5Fversion%2Ecgi

Content-Length: 2498

Date: Sat, 24 Jun 2017 14:00:52 GMT

Server: ZX-HTTP-SRV

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/params_global.xsl"?>

<params_global>
 <set_index>
      <value>0</value>
      <value>1</value>
      <value>2</value>
      <value>3</value>
      <value>4</value>
      <value>5</value>
      <value>6</value>
      <value>7</value>
      <value>8</value>
      <value>9</value>
      <value>10</value>
      <value>11</value>
      <value>12</value>
      <value>13</value>
      <value>14</value>
      <value>15</value>
```

```
</set_index>

<host_param_set>0</host_param_set>

<flowctrl>Protect</flowctrl>

<time>2017-06-24 22:00:52 CST</time>

<switch_discover_host>checked</switch_discover_host>

<switch_multiple_gateway>checked</switch_multiple_gateway>

<critical_packet_rate_threshold>1500000</critical_packet_rate_threshold>

<anonymous_flow_limit_wan_ip>100</anonymous_flow_limit_wan_ip>

<anonymous_flow_limit_lan_ip>100</anonymous_flow_limit_lan_ip>

<anonymous_flow_limit_lan_mac>100</anonymous_flow_limit_lan_mac>

<content_filter_flow_limit>10</content_filter_flow_limit>

<ignore_host_flow_limit>10</ignore_host_flow_limit>

<malice_forbid_time>10000</malice_forbid_time>

<tcp_syn_protect>10000</tcp_syn_protect>

<tcp_syn_urgent_protect>500000</tcp_syn_urgent_protect>

<tcp_syn_host_protect>10000</tcp_syn_host_protect>

<tcp_ack_rst_protect>10000</tcp_ack_rst_protect>

<udp_protect>1000</udp_protect>

<icmp_protect>100</icmp_protect>

<frag_protect>100</frag_protect>

<nonip_protect>10000</nonip_protect>

<close_port_protect>1000</close_port_protect>

<tcp_max_host_connections_in>100000</tcp_max_host_connections_in>

<tcp_max_host_connections_out>1000</tcp_max_host_connections_out>

<tcp_max_link_connections>300</tcp_max_link_connections>

<tcp_max_access_rate>300</tcp_max_access_rate>

<tcp_conn_timeout>300</tcp_conn_timeout>

<udp_max_host_links>100000</udp_max_host_links>

<udp_expire_timeout>100</udp_expire_timeout>

<icmp_expire_timeout>30</icmp_expire_timeout>

<bwlist_flags>blacklist+whitelist</bwlist_flags>

<baseline_factor>0.00</baseline_factor>

<variable>

    <name>DomainAudit.AuditMode</name>

    <value>0</value>

</variable>
```

```
    <variable>
        <name>DomainAudit.Redirect</name>
        <value></value>
    </variable>


    <variable>
        <name>DNS.Mode</name>
        <value></value>
    </variable>


    <variable>
        <name>Misc.CustomData</name>
        <value></value>
    </variable>


    <variable>
        <name>WEB.Special</name>
        <value></value>
    </variable>


    <variable>
        <name>WEB.AuthorizePage</name>
        <value></value>
    </variable>


</params_global>
```

2.12 规则列表

2.12.1 功能说明

删除、查询、重置规则等。

2.12.2 接口调用 URL

http://[域名] /cgi-bin/params_filter.cgi

2.12.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 reset：充值所有 delete：删除
param_index	规则序号
param_set_index	规则集序号

➢ Get 请求规则列表。

2.12.4 输出参数

Get 请求输出结果：

参数名称	说明
set	集序号
set_index	集序号索引
index	规则序号
enabled	是否应用
protocol	协议
address	地址
description	细节
stat	匹配

2.12.5 示例

> 提交

POST /cgi-bin/params_filter.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 57

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_filter.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi; history=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi; sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=delete&param_index=11&param_set_index=0

> 请求

GET /cgi-bin/params_filter.cgi?set_index=0 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_filter.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi;

history=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi%3Fset%5Findex%3D0

Set-Cookie:

history=%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fstatus%5Fdomains%2Ecgi

Content-Length: 2845

Date: Sat, 24 Jun 2017 14:32:26 GMT

Server: ZX-HTTP-SRV

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/params_filter.xsl"?>

<params_filter>
 <set>0</set>
 <set_index>
     <value>0</value>
     <value>1</value>
     <value>2</value>
     <value>3</value>
     <value>4</value>
     <value>5</value>
     <value>6</value>
```

```
        <value>7</value>

        <value>8</value>

        <value>9</value>

        <value>10</value>

        <value>11</value>

        <value>12</value>

        <value>13</value>

        <value>14</value>

        <value>15</value>

    </set_index>

    <filter>

        <index>0</index>

        <enabled></enabled>

        <protocol>TCP</protocol>

        <address>any == any (RSDrop)</address>

        <description>Disable Windows RPC ports from WAN</description>

        <stat>0</stat>

    </filter>

</params_filter>
```

2.13 规则设置

2.13.1 功能说明

添加、修改规则。

2.13.2 接口调用 URL

http://[域名] /cgi-bin/params_filter.cgi

2.13.3 输入参数

POST 方式提交以下参数：

参数名称	说明

param_set_index	规则集序号
param_rule_index	当前规则序号
param_system	是否是系统自带规则
param_index	修改后规则序号
param_desc	规则描述
param_length	报文长度
param_laddr	本地地址
param_raddr	远程地址
param_protocol	协议类型
param_protocol_num	协议号
param_lport	本地端口
param_rport	远程端口
param_tcp_flags	TCP 标志位
param_tcp_window_size	TCP 窗口大小
param_icmp_type	ICMP type
param_icmp_code	ICMP code
param_keywords	模式匹配内容
param_keywords_sequential	顺序匹配
param_keywords_ignore_case	忽略大小写
param_send	发送方向
param_recv	接收方向
param_action	规则行为
param_record	记录到日志
param_stream_index	频率限制统计 ID
param_stream_connection_limit	频率限制连接限制
param_stream_access_rate_limit	频率限制访问频率

➢ Get 请求规则列表。

2.13.4 输出参数

Get 请求输出结果：

参数名称	说明

set	规则集序号
index	当前规则序号
system	是否是系统自带规则
desc	规则描述
length	报文长度
laddr	本地地址
raddr	远程地址
protocol	协议类型
protocol_num	协议号
lport	本地端口
rport	远程端口
tcp_flags	TCP 标志位
tcp_window_size	TCP 窗口大小
icmp_type	ICMP type
icmp_code	ICMP code
keywords	模式匹配内容
sequential	顺序匹配
ignore_case	忽略大小写
send	发送方向
recv	接收方向
record	规则行为
action	记录到日志
stream_index	频率限制统计 ID
stream_connection_limit	频率限制连接限制
stream_access_rate_limit	频率限制访问频率

2.13.5 示例

➢   提交

POST /cgi-bin/params_filter_edit.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 443

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_filter_edit.cgi?set_index=0&index=0

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie:
page=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D0;
history=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi
%3Fset%3D0;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_set_index=0&param_rule_index=0&param_system=y&param_index=0&param_desc=Disabl
e+Windows+RPC+ports+from+WAN&param_length=&param_laddr=&param_raddr=&param_protocol=t
cp&param_protocol_num=6&param_lport=135%2C+137%2C+139%2C+445&param_rport=&param_tcp
_window_size=&param_icmp_type=&param_icmp_code=&param_keywords=&param_send=ON&param
_recv=ON&param_action=drop&param_stream_index=&param_stream_connection_limit=&param_stre
am_access_rate_limit=

> 请求

GET /cgi-bin/params_filter_edit.cgi?set_index=0&index=0 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_filter_edit.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi;

history=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0; language=zh-cn

➢ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie:

page=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D0

Set-Cookie:

history=%2Fcgi%2Dbin%2Fparams%5Ffilter%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fglobal%2Ecgi%3Fset%3D0

Content-Length: 854

Date: Sat, 24 Jun 2017 14:55:30 GMT

Server: ZX-HTTP-SRV

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/params_filter_edit.xsl"?>

<params_filter_edit>
 <set>0</set>
 <index>0</index>
 <system>y</system>
 <desc>Disable Windows RPC ports from WAN</desc>
 <length></length>
 <laddr></laddr>
 <raddr></raddr>
 <protocol>TCP</protocol>
 <protocol_num>6</protocol_num>
 <lport>135, 137, 139, 445</lport>
```

```
<rport></rport>

<tcp_flags></tcp_flags>

<tcp_window_size></tcp_window_size>

<icmp_type></icmp_type>

<icmp_code></icmp_code>

<keywords></keywords>

<sequential></sequential>

<ignore_case></ignore_case>

<send>checked</send>

<recv>checked</recv>

<record></record>

<action>drop</action>

<stream_index></stream_index>

<stream_connection_limit></stream_connection_limit>

<stream_access_rate_limit></stream_access_rate_limit>

</params_filter_edit>
```

2.14 TCP 端口设置

2.14.1 功能说明

添加、修改 TCP 端口集参数。

2.14.2 接口调用 URL

http://[域名] /cgi-bin/params_portpro_tcp.cgi

2.14.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交

	default：默认
param_portpro_set	端口集序号
param_start_port	起始端口
param_end_port	结束端口
param_attack_detection	连接攻击检测
param_connection_limit	连接数量限制
param_server_kick_weight	踢出权重
param_port_probe_weight	探测权重
param_protocol_pattern	协议类型
param_flags_timeout_connection	超时连接
param_flags_defer_indication	延时提交
param_flags_forbid_overrun	超出屏蔽
param_flags_trust_only	关联信任
param_flags_domain_audit	域名审计
param_flags_accept_protocol	接收协议
param_protect_plugin	防护模块（插件）
param_module_params	模块参数（插件参数）

➢ Get 请求 TCP 端口列表。

2.14.4 输出参数

Get 请求输出结果：

参数名称	说明
portpro_set	TCP 端口集序号
set_index	集序号索引
start_port	起始端口
end_port	结束端口
attack_detection	连接攻击检测
connection_limit	连接数量限制
port_protect_limit	踢出/探测权重
protect_plugin	防护模块（插件）

plugin_params	模块参数（插件参数）
protect_flags	协议类型选择
protocol_pattern	协议定义

2.14.5 示例

➢ 提交

POST /cgi-bin/params_portpro_tcp.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 451

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_portpro_tcp.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi; history=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1; sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=submit&param_portpro_set=0&param_start_port=80&param_end_port=80&param_attack_detection=30&param_connection_limit=20&param_server_kick_weight=10&param_port_probe_weight=10&param_protocol_pattern=HTTP&param_flags_timeout_connection=ON&param_flags_defer_indication=ON&param_flags_forbid_overrun=ON&param_flags_trust_only=ON&param_flags_domain_audit=ON&param_flags_accept_protocol=ON&param_protect_plugin=0&param_module_params=258+10+10

➢ 请求

GET /cgi-bin/params_portpro_tcp.cgi?set=0 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_portpro_tcp.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;

page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi;

history=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1;

language=zh-cn

➢ 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi%3Fset%3D0

Set-Cookie:

history=%2Fcgi%2Dbin%2Fparams%5Ffilter%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1

Content-Length: 2777

Date: Sat, 24 Jun 2017 15:13:26 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/params_portpro_tcp.xsl"?>

```
<portpro_set>0</portpro_set>
<set_index>
    <value>0</value>
    <value>1</value>
    <value>2</value>
    <value>3</value>
    <value>4</value>
    <value>5</value>
    <value>6</value>
    <value>7</value>
    <value>8</value>
    <value>9</value>
    <value>10</value>
    <value>11</value>
    <value>12</value>
    <value>13</value>
    <value>14</value>
    <value>15</value>
</set_index>

<port_protection>
    <start_port>0</start_port>
    <end_port>79</end_port>
    <attack_detection>max</attack_detection>
    <connection_limit>max</connection_limit>
    <port_protect_limit>---/---</port_protect_limit>
    <protect_plugin>-default-</protect_plugin>
    <plugin_params></plugin_params>
    <protect_flags>............|-----------|-----------|-----------|-----------</protect_flags>
</port_protection>

<port_protection>
    <start_port>80</start_port>
    <end_port>80</end_port>
    <attack_detection>30</attack_detection>
    <connection_limit>20</connection_limit>
    <port_protect_limit> 10/10 </port_protect_limit>
```

```
            <protect_plugin>WEB Service Protection v9.02</protect_plugin>

            <plugin_params>258 10 10 </plugin_params>

            <protect_flags>............|............|............|............|............|......HTTP</protect_flags>

        </port_protection>


        <port_protection>

            <start_port>81</start_port>

            <end_port>65535</end_port>

            <attack_detection>max</attack_detection>

            <connection_limit>max</connection_limit>

            <port_protect_limit>---/---</port_protect_limit>

            <protect_plugin>-default-</protect_plugin>

            <plugin_params></plugin_params>

            <protect_flags>............|-----------|-----------|-----------|-----------</protect_flags>

        </port_protection>


        <protocol_pattern>

            <name>FTP&amp;POP3</name>

        </protocol_pattern>


        <protocol_pattern>

            <name>SMTP</name>

        </protocol_pattern>


        <protocol_pattern>

            <name>SSH</name>

        </protocol_pattern>


        <protocol_pattern>

            <name>HTTP</name>

        </protocol_pattern>


        <protocol_pattern>

            <name>SSL/TLS</name>

        </protocol_pattern>


        <protocol_pattern>
```

```
            <name>MSTS</name>
        </protocol_pattern>


        <protocol_pattern>
            <name>RADMIN</name>
        </protocol_pattern>


        <protocol_pattern>
            <name>BlueskyVChat</name>
        </protocol_pattern>


        <protocol_pattern>
            <name>CamfrogVChat</name>
        </protocol_pattern>


        <protect_plugin>
            <id>0</id>
            <name>WEB Service Protection v9.02</name>
        </protect_plugin>


        <protect_plugin>
            <id>1</id>
            <name>Game Service Protection v4.1</name>
        </protect_plugin>


        <protect_plugin>
            <id>2</id>
            <name>Misc Service Protection v3.2</name>
        </protect_plugin>


        <protect_plugin>
            <id>3</id>
            <name>DNS Service Protection v2.3</name>
        </protect_plugin>


    </params_portpro_tcp>
```

2.15 UDP 端口设置

2.15.1 功能说明

添加、修改 UDP 端口集参数。

2.15.2 接口调用 URL

http://[域名] /cgi-bin/params_portpro_udp.cgi

2.15.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 submit：提交 default：默认
param_portpro_set	端口集序号
param_start_port	起始端口
param_end_port	结束端口
param_attack_detection	攻击攻击检测
param_packet_rate_limit	报文频率限制
param_protocol_pattern	协议类型选择
param_flags_open_port	开放端口
param_flags_sync_connect	同步连接
param_flags_defer_indication	延时提交
param_flags_check_ttl	验证 TTL
param_protect_plugin	防护模块
param_module_params	模块参数

➢ Get 请求 UDP 端口列表。

2.15.4 输出参数

Get 请求输出结果：

参数名称	说明
portpro_set	TCP 端口集序号
set_index	集序号索引
start_port	起始端口
end_port	结束端口
attack_detection	攻击频率检测
packet_rate_limit	报文频率限制
protect_plugin	防护模块（插件）
plugin_params	模块参数（插件参数）
protect_flags	协议类型选择
port_protection	UDP 协议定义

2.15.5 示例

➢ 提交

POST /cgi-bin/params_portpro_udp.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 333

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_portpro_udp.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi;
history=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Ffilter
%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=submit&param_portpro_set=0&param_start_port=1100&param_end_port=110
1&param_attack_detection=100&param_packet_rate_limit=100&param_protocol_pattern=BlueskyVoice
&param_flags_open_port=ON&param_flags_sync_connect=ON&param_flags_defer_indication=ON&pa
ram_flags_check_ttl=ON&param_protect_plugin=4&param_module_params=15

> 请求

GET /cgi-bin/params_portpro_udp.cgi?set=0 HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/params_portpro_udp.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;
page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi;
history=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Ffilter
%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1; language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi%3Fset%3D0

Set-Cookie:

history=%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Ffilter
%5Fedit%2Ecgi%3Fset%5Findex%3D0%26index%3D1

Content-Length: 2044

Date: Sat, 24 Jun 2017 15:29:35 GMT

Server: ZX-HTTP-SRV

```xml
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/params_portpro_udp.xsl"?>


<params_portpro_udp>
 <portpro_set>0</portpro_set>
 <set_index>
      <value>0</value>
      <value>1</value>
      <value>2</value>
      <value>3</value>
      <value>4</value>
      <value>5</value>
      <value>6</value>
      <value>7</value>
      <value>8</value>
      <value>9</value>
      <value>10</value>
      <value>11</value>
      <value>12</value>
      <value>13</value>
      <value>14</value>
      <value>15</value>
 </set_index>

 <port_protection>
      <start_port>0</start_port>
      <end_port>1099</end_port>
```

```
        <attack_detection>max</attack_detection>

        <packet_rate_limit>max</packet_rate_limit>

        <protect_plugin>-default-</protect_plugin>

        <plugin_params></plugin_params>

        <protect_flags>............|-----------|-----------|---------</protect_flags>

    </port_protection>


    <port_protection>

        <start_port>1100</start_port>

        <end_port>1101</end_port>

        <attack_detection>100</attack_detection>

        <packet_rate_limit>100</packet_rate_limit>

        <protect_plugin>UDP App Protection v1.1</protect_plugin>

        <plugin_params>15 </plugin_params>

        <protect_flags>............|............|............|......TTL|......BlueskyVoice</protect_flags>

    </port_protection>


    <port_protection>

        <start_port>1102</start_port>

        <end_port>65535</end_port>

        <attack_detection>max</attack_detection>

        <packet_rate_limit>max</packet_rate_limit>

        <protect_plugin>-default-</protect_plugin>

        <plugin_params></plugin_params>

        <protect_flags>............|-----------|-----------|---------</protect_flags>

    </port_protection>


    <protocol_pattern>

        <name>BlueskyVoice</name>

    </protocol_pattern>


    <protocol_pattern>

        <name>QEShow</name>

    </protocol_pattern>


    <protect_plugin>

        <id>0</id>
```

```
        <name>UUChat Voice Service Protection v1.0</name>
    </protect_plugin>


    <protect_plugin>
        <id>1</id>
        <name>DNS Service Protection v2.3</name>
    </protect_plugin>


    <protect_plugin>
        <id>4</id>
        <name>UDP App Protection v1.1</name>
    </protect_plugin>


</params_portpro_udp>
```

2.16 接口配置

2.16.1 功能说明

修改添加接口地址。

2.16.2 接口调用 URL

http://[域名] /cgi-bin/params_portpro_udp.cgi

2.16.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type	操作方式 add-addr：添加地址 del-addr：删除地址

	gateway：设置网关
	set-dns：设置 DNS
	peer-addr：设置对端
	default：默认
	reboot：重启
param_set_dev	设备接口
param_set_vlan_id	VLAN ID
param_set_label	子接口 ID
param_set_address	地址

> Get 请求系统设备列表。

2.16.4 输出参数

Get 请求输出结果：

参数名称	说明
this_rack_unit	硬件单元号
dev	接口
link	接口状态
address	地址
gateway	网关
function	通道/同步
peer_addr	对端

注意：

ATCA 设备万兆口因为内部之间通信所以一直处于 UP 状态；

2.16.5 示例

> 提交

POST /cgi-bin/setting_device.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 118

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/setting_device.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fsetting%5Fdevice%2Ecgi; history=%2Fcgi%2Dbin%2Fparams%5Fvariables%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Fudp%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi; sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=add-addr&param_set_dev=eth3&param_set_vlan_id=&param_set_label=&param_set_address=192.168.105.1%2F24

➢ 请求

GET /cgi-bin/setting_device.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/setting_device.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie: sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; page=%2Fcgi%2Dbin%2Fsetting%5Fdevice%2Ecgi;

history=%2Fcgi%2Dbin%2Fparams%5Fvariables%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%
5Fudp%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi;

language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fsetting%5Fdevice%2Ecgi

Set-Cookie:

history=%2Fcgi%2Dbin%2Fparams%5Fvariables%2Ecgi%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%
5Fudp%2Ecgi%3Fset%3D0%7C%2Fcgi%2Dbin%2Fparams%5Fportpro%5Ftcp%2Ecgi

Content-Length: 1411

Date: Sat, 24 Jun 2017 15:46:14 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/setting_device.xsl"?>

<setting_device>
 <device>
      <dev>eth0</dev>
      <link>no link</link>
      <address>192.168.100.1/24</address>
 </device>

 <device>
      <dev>eth1</dev>
      <link>100 Full</link>

```xml
        <address>172.16.13.67/16</address>

        <gateway>172.16.1.1</gateway>

        <function></function>

        <peer_addr></peer_addr>

    </device>


    <device>

        <dev>eth2</dev>

        <link>no link</link>

        <address>192.168.102.1/24</address>

        <gateway></gateway>

        <function>......0............</function>

        <peer_addr></peer_addr>

    </device>


    <device>

        <dev>eth3</dev>

        <link>no link</link>

        <address>192.168.103.1/24</address>

        <gateway></gateway>

        <function>......0............</function>

        <peer_addr></peer_addr>

    </device>


    <device>

        <dev>eth3</dev>

        <link></link>

        <address>192.168.105.1/24</address>

        <gateway></gateway>

        <function></function>

        <peer_addr></peer_addr>

    </device>


    <device>

        <dev>lo</dev>

        <link></link>

        <address>127.0.0.1/8</address>
```

```
        <gateway></gateway>

        <function></function>

        <peer_addr></peer_addr>

    </device>


    <device>

        <dev>lo</dev>

        <link></link>

        <address>::1/8</address>

        <gateway></gateway>

        <function></function>

        <peer_addr></peer_addr>

    </device>


  <name_servers></name_servers>

  </setting_device>
```

2.17 控管属性

2.17.1 功能说明

修改添加接口地址。

2.17.2 接口调用 URL

http://[域名] /cgi-bin/params_portpro_udp.cgi

2.17.3 输入参数

POST 方式提交以下参数：

参数名称	说明
param_submit_type=submit	操作方式 submit：提交

param_ctrl_attack_analysis	异常攻击分析
param_ctrl_archive_packets	攻击报文归档
param_ctrl_status_notify_mail	攻击状态告警
param_ctrl_flow_notify_mail	异常流量告警
param_notify_flow_threshold	异常流量告警阀值
param_ctrl_divison_notify_mail	主机牵引告警
param_ctrl_overflow_division	流量限制模式牵引
param_log_host_flow_threshold	主机日志流量
param_password_modes	密码复杂度
param_password_min_length	密码最小长度
param_password_expire_time	密码过期时间
param_password_history_size	密码历史记录
param_user_idle_logout_time	登陆空闲超时
param_login_failure_trigger	登陆失败限制
param_login_failure_timelimit	登陆屏蔽时间
param_weak_password_list	弱密码字典
param_flowdiv_global_flow	牵引全局总流量
param_flowdiv_host_count	最大牵引主机数
param_flowdiv_trigger_flow	牵引触发流量
param_flowdiv_release_type	牵引释放方式-主机状态
param_flowdiv_release_time	牵引释放方式-牵引超时
param_flowdiv_address	手动牵引地址
param_flowdiv_acl_start_id	ACL 起始 ID
param_flowdiv_acl_end_id	ACL 结束 ID
param_flowdiv_action_script	牵引脚本
param_mail_smtp_server	SMTP 服务器
param_mail_sender	发送用户名
param_mail_password	登陆密码
param_mail_recipients	接收地址列表
param_mail_subject	邮件主题
param_mail_content	邮件内容
param_preserve_rate_min_days	分钟统计保存
param_preserve_rate_hour_days	小时统计保存

param_preserve_rate_day_days	每日统计保存
param_preserve_syslog_items	系统日志保存
param_preserve_attack_items	攻击记录保存
param_preserve_flowdiv_items	牵引日志保存
param_minimum_disk_space	磁盘自动清理阀值

➢ Get 请求系统设备列表。

2.17.4 输出参数

Get 请求输出结果：

参数名称	说明
notify_flow_threshold	异常流量告警阀值
log_host_flow_threshold	主机日志流量阀值
ctrl_attack_analysis	异常攻击分析
ctrl_archive_packets	攻击报文归档
ctrl_notify_mail	攻击状态告警
ctrl_flow_notify	异常流量告警
ctrl_status_notify	异常流量告警阀值
ctrl_divison_notify	主机牵引告警
ctrl_overflow_division	流量限制模式牵引
flowdiv_acl_start_id	ACL 起始 ID
flowdiv_acl_end_id	ACL 结束 ID
flowdiv_trigger_flow	牵引触发流量
flowdiv_release_type	牵引释放方式-主机状态
flowdiv_release_time	牵引释放方式-牵引超时
flowdiv_host_count	最大牵引主机数
flowdiv_global_flow	牵引全局总流量
flowdiv_action_script	牵引脚本
smtp_server	SMTP 服务器
sender	发送用户名
password	登陆密码

recipients	接收地址列表
subject	邮件主题
content	邮件内容
password_modes	密码复杂度
password_min_length	密码最小长度
password_expire_time	密码过期时间
password_history_size	密码历史记录
user_idle_logout_time	登陆空闲超时
login_failure_trigger	登陆失败限制
login_failure_timelimit	登陆屏蔽时间
weak_password_list	弱密码字典
preserve_rate_min_days	分钟统计保存
preserve_rate_hour_days	小时统计保存
preserve_rate_day_days	每日统计保存
preserve_syslog_items	系统日志保存
preserve_attack_items	攻击记录保存
preserve_fblink_items	屏蔽记录保存
preserve_flowdiv_items	牵引日志保存
minimum_disk_space	磁盘自动清理阀值

2.17.5 示例

➢ 提交

POST /cgi-bin/setting_ctrlcfg.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Content-Length: 1343

Cache-Control: max-age=0

Origin: http://172.16.13.67:28099

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110 Safari/537.36

Content-Type: application/x-www-form-urlencoded

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/setting_ctrlcfg.cgi

Accept-Encoding: gzip, deflate

Accept-Language: zh-CN,zh;q=0.8

Cookie: page=%2Fcgi%2Dbin%2Fsetting%5Fctrlcfg%2Ecgi;
history=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Flogin%2Ecgi;
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM; language=zh-cn

param_submit_type=submit&param_ctrl_attack_analysis=ON&param_ctrl_archive_packets=ON&p
aram_ctrl_status_notify_mail=ON&param_ctrl_flow_notify_mail=ON&param_notify_flow_threshold=11&
param_ctrl_divison_notify_mail=ON&param_ctrl_overflow_division=ON&param_log_host_flow_threshol
d=0&param_password_modes=0&param_password_min_length=0&param_password_expire_time=0&p
aram_password_history_size=0&param_user_idle_logout_time=0&param_login_failure_trigger=0&para
m_login_failure_timelimit=0&param_weak_password_list=&param_flowdiv_global_flow=0&param_flowdi
v_host_count=5&param_flowdiv_trigger_flow=100&param_flowdiv_release_type=0&param_flowdiv_rele
ase_time=3600&param_flowdiv_address=&param_flowdiv_acl_start_id=1&param_flowdiv_acl_end_id=
10000&param_flowdiv_action_script=&param_mail_smtp_server=1&param_mail_sender=123&param_
mail_password=1&param_mail_recipients=1&param_mail_subject=&param_mail_content=&param_pre
serve_rate_min_days=3&param_preserve_rate_hour_days=30&param_preserve_rate_day_days=365&
param_preserve_syslog_items=2000000&param_preserve_attack_items=1000000&param_preserve_fl
owdiv_items=100000&param_minimum_disk_space=525

➢   请求

GET /cgi-bin/setting_ctrlcfg.cgi HTTP/1.1

Host: 172.16.13.67:28099

Connection: keep-alive

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/58.0.3029.110 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8

Referer: http://172.16.13.67:28099/cgi-bin/setting_ctrlcfg.cgi

Accept-Encoding: gzip, deflate, sdch

Accept-Language: zh-CN,zh;q=0.8

Cookie:
sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83
%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM;
page=%2Fcgi%2Dbin%2Fsetting%5Fctrlcfg%2Ecgi;

history=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Flogin%2Ecgi;

language=zh-cn

> 返回

HTTP/1.1 200 OK

pragma: no-cache

Expires: Thu, 1 Jan 1970 00:00:00 GMT

Cache-Control: no-store, no-cache, must-revalidate

Cache-Control: post-check=0, pre-check=0

Content-type: text/xml

Set-Cookie:

sid=%07o%B4%88O%EE%0Ca%07%DA%D8i%D36HE%AF%28%BC%3C%BE%D5s%DFv%A6%D83

%D9%3E%16%96%09%1Dq%CF%D0d%85%98f%04%27%5DX%14%9DM

Set-Cookie: page=%2Fcgi%2Dbin%2Fsetting%5Fctrlcfg%2Ecgi

Set-Cookie:

history=%2Fcgi%2Dbin%2Fstatus%5Fglobal%2Ecgi%7C%2Fcgi%2Dbin%2Flogin%2Ecgi

Content-Length: 2158

Date: Sun, 25 Jun 2017 06:35:17 GMT

Server: ZX-HTTP-SRV

<?xml version="1.0" encoding="utf-8"?>

<?xml-stylesheet type="text/xsl" version="1.0" href="/zh-cn/xsl/setting_ctrlcfg.xsl"?>

<setting_ctrlcfg>

 <notify_flow_threshold>11</notify_flow_threshold>

 <log_host_flow_threshold>0</log_host_flow_threshold>

 <ctrl_attack_analysis>on</ctrl_attack_analysis>

 <ctrl_archive_packets>on</ctrl_archive_packets>

 <ctrl_notify_mail>on</ctrl_notify_mail>

 <ctrl_flow_notify>on</ctrl_flow_notify>

 <ctrl_status_notify>on</ctrl_status_notify>

 <ctrl_divison_notify>on</ctrl_divison_notify>

 <ctrl_overflow_division>on</ctrl_overflow_division>

 <flowdiv_acl_start_id>1</flowdiv_acl_start_id>

 <flowdiv_acl_end_id>10000</flowdiv_acl_end_id>

 <flowdiv_trigger_flow>100</flowdiv_trigger_flow>

```xml
            <flowdiv_release_time>3600</flowdiv_release_time>
            <flowdiv_host_count>5</flowdiv_host_count>
            <flowdiv_global_flow>0</flowdiv_global_flow>
            <flowdiv_action_script>
        </flowdiv_action_script>
        <mail_config>
                <smtp_server>1</smtp_server>
                <sender>123</sender>
                <password>1</password>
                <recipients>1</recipients>
                <subject></subject>
                <content></content>
        </mail_config>

        <password_modes>0</password_modes>
        <password_min_length>0</password_min_length>
        <password_expire_time>0</password_expire_time>
        <password_history_size>0</password_history_size>
        <user_idle_logout_time>0</user_idle_logout_time>
        <login_failure_trigger>0</login_failure_trigger>
        <login_failure_timelimit>0</login_failure_timelimit>
        <weak_password_list><![CDATA[]]></weak_password_list>
        <preserve_rate_min_days>3</preserve_rate_min_days>
        <preserve_rate_hour_days>30</preserve_rate_hour_days>
        <preserve_rate_day_days>365</preserve_rate_day_days>
        <preserve_syslog_items>2000000</preserve_syslog_items>
        <preserve_attack_items>1000000</preserve_attack_items>
        <preserve_fblink_items>0</preserve_fblink_items>
        <preserve_flowdiv_items>100000</preserve_flowdiv_items>
        <minimum_disk_space>525</minimum_disk_space>
    </setting_ctrlcfg>
```