

```
func:cfms_mib_proc_handle, line:203 connect cfmd is error.  
connect: No such file or directory  
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zsh: segmentation fault sudo chroot ./ ./qemu-arm-static ./bin/httpd
```

Code in httpd

In the `formSetVirtualSer` function, the value of `list` is first retrieved, followed by a call to the `save_virtualser_data` function.

```
1 void __fastcall formSetVirtualSer(webs_t wp, char_t *path, char_t *query)
2 {
3     unsigned __int8 *v4; // r0
4     int v5; // r0
5     unsigned __int8 param_str[256]; // [sp+0h] [bp-110h] BYREF
6
7     memset(param_str, 0, sizeof(param_str));
8     v4 = websGetVar(wp, (char_t *)"list", (char_t *)&byte_7A45B);
9     save_virtualser_data("adv.virtualser", v4, 0x7Eu);
10    if (CommitCfm(v5))
11    {
12        sprintf((char *)param_str, "advance_type=%d", 2);
13        send_msg_to_netctrl(5, param_str);
14    }
15    websWrite(wp, *(char_t **)param_str);
16    websWrite(wp, *(char_t **)param_str);
17    websDone(wp, 200);
18 }
```

In the `save_virtualser_data` function, the `_isoc99_sscanf` function is called to copy the value of the `list` parameter, but no safety checks are performed, resulting in a buffer overflow.

```
50 else
51 {
52     for ( i = 1; ; ++i )
53     {
54         v7 = strchr((const char *)buf, v13);
55         if ( !v7 )
56             break;
57         *v7 = 0;
58         v10 = (unsigned __int8 *) (v7 + 1);
59         memset(mib_name, 0, sizeof(mib_name));
60         sprintf((char *)mib_name, "%s.list%d", list_name, i);
61         if ( _isoc99_sscanf(buf, "[%^,]%*c%[^,]%*c%[^,]%*c%s", lan_ip, in_port, out_port, protocol) == 4 )
62         {
63             sprintf((char *)mib_value, "0;%s;%s;%s;%s;1", out_port, in_port, lan_ip, protocol);
64             SetValue(mib_name, mib_value);
65         }
66         buf = v10;
67     }
68     memset(mib_name, 0, sizeof(mib_name));
69     sprintf((char *)mib_name, "%s.list%d", (const char *)list_name, i);
70     if ( _isoc99_sscanf(buf, "[%^,]%*c%[^,]%*c%[^,]%*c%s", lan_ip, in_port, out_port, protocol) == 4 )
71     {
72         sprintf(
73             (char *)mib_value,
74             "0;%s;%s;%s;%s;1",
75             (const char *)out_port,
76             (const char *)in_port,
77             (const char *)lan_ip,
78             (const char *)protocol);
79         SetValue(mib_name, mib_value);
80     }
81     v8 = i;
82     v9 = i + 1;
83     sprintf((char *)ct, "%d", v8);
84     sprintf((char *)mib_name, "%s.listnum", (const char *)list_name);
```