

CONFIGURING EXTERNAL UAM
SERVER FOR COOVACHILLI (1.3.0)

COOVA HOTSPOT

COOVACHILLI CONFIGURATION

- Comment out HS_HOMEPAGE in file named config placed/ located in /usr/local/etc/chilli/config
- Uncomment HS_UAMSERVICE which can be found in same config file with URL of Your UAM server. e.g. <http://192.168.3.1:8989/prelogin.html>
- Uncomment HS_TCP_PORTS and add TCP port on which UAM server is listening to. In above example, It is 8989 so add this port to HS_TCP_PORTS.

COOVACHILLI CONFIGURATION CONT...

- open the file in **src/redir.c** and browse to function named - **redir_urlencode** and see at line number 226 (A condition for '%' is added).

| BEFORE | AFTER |
|--|---|
| <pre>int redir_urlencode(bstring src, bstring dst) { 213 char x[3]; 214 int n; 215 216 bassigncstr(dst, ""); 217 for (n=0; n < src->slen; n++) { 218 if (((('A' <= src->data[n]) && (src->data[n] <= 'Z')) 219 (('a' <= src->data[n]) && (src->data[n] <= 'z')) 220 (('0' <= src->data[n]) && (src->data[n] <= '9')))) 221 (('-' == src->data[n]) 222 (('_' == src->data[n]) 223 (('!' == src->data[n]) 224 (('~' == src->data[n]) 225 (('*' == src->data[n])) { 226 bconchar(dst,src->data[n]); 227 } 228 else { 229 safe_snprintf(x, 3, "%.2x", src->data[n]); 230 bconchar(dst, ' '); 231 bconchar(dst, x[0]); 232 bconchar(dst, x[1]); 233 } 234 } 235 return 0; 236 } 237 }</pre> | <pre>int redir_urlencode(bstring src, bstring dst) { 213 char x[3]; 214 int n; 215 216 bassigncstr(dst, ""); 217 for (n=0; n < src->slen; n++) { 218 if (((('A' <= src->data[n]) && (src->data[n] <= 'Z')) 219 (('a' <= src->data[n]) && (src->data[n] <= 'z')) 220 (('0' <= src->data[n]) && (src->data[n] <= '9')))) 221 (('-' == src->data[n]) 222 (('_' == src->data[n]) 223 (('!' == src->data[n]) 224 (('~' == src->data[n]) 225 (('*' == src->data[n]) 226 (('%' == src->data[n])) { 227 bconchar(dst,src->data[n]); 228 } 229 else { 230 safe_snprintf(x, 3, "%.2x", src->data[n]); 231 bconchar(dst, ' '); 232 bconchar(dst, x[0]); 233 bconchar(dst, x[1]); 234 } 235 } 236 return 0; 237 } 238 }</pre> |

- The above check will ensure that '%' shall not be encoded in base64 character, which happens in **userurl** received in query string.

COOVACHILLI CONFIGURATION CONT...

- open the file in **src/radius.c** and browse to function named - **radius_printqueue** and delete/comment out below table

| BEFORE | AFTER |
|--|---|
| <pre>82 if (this->qsize) 83 mx = this->qsize; 84 85 safe_snprintf(line, sizeof(line), "next %d, first %d, last %d\n", 86 this->qnext, this->first, this->last); 87 safe_write(fd, line, strlen(line));</pre> | <pre>82 if (this->qsize) 83 mx = this->qsize; 84 85 safe_snprintf(line, sizeof(line), "next %d, first %d, last %d\n", 86 this->qnext, this->first, this->last); 87 #if 0 88 safe_write(fd, line, strlen(line)); 89 #endif</pre> |

- The reason for commenting it out is because web client is receiving "next 0, first -1, last -1 HTTP/1.1 302 Move Temporarily" instead of receiving just HTTP Header which is HTTP/1.1 302 Move Temporarily

THANKS

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