

## **User Guide**

# **The customized page of Multiple Captive Portal SOP**



## Index of Contents

User Guide .....	1
The customized page of Multiple Captive Portal SOP .....	1
1. Introduction .....	5
2. Web pages configuration .....	8
3. Firmware upgrade .....	8
3.1 Uploaded type .....	8
3.1.1 login.html .....	10
3.1.2 session.html .....	16
3.1.3 error.html .....	19
3.1.4 welcome.html .....	20
3.1.5 logout.html .....	22
3.1.6 userlogout.html .....	24
3.2 External web portal .....	26
3.2.1 login.html .....	27
3.2.2 session.html .....	32
3.2.3 welcome.html .....	34
3.2.4 logout.html .....	36
3.2.5 userlogout.html .....	38
4. Configuration on GUI .....	40
4.1 Redirect on controller .....	43
4.2 Redirect on AP .....	46



## Figures of Contents

Figure 1 The Captive Portal Example .....	6
Figure 2 The Example of internal or external Captive Portal .....	7
Figure 4 Where to download uploaded type template .....	9
Figure 5 The folder content of uploaded type template .....	9
Figure 6 Where to download external web portal template ...	26
Figure 7 The folder content of external web portal .....	27
Figure 8 Enable Captive Portal .....	40
Figure 9 Choose your web portal page type .....	41
Figure 10 Customize your customized web portal page .....	42
Figure 11 Add auth policy rule on redirect on controller .....	43
Figure 12 The configure controller auth policy rule 1 .....	44
Figure 13 The configure controller auth policy rule 2 .....	45
Figure 14 The configure controller auth policy rule 3 .....	45
Figure 15 Add auth policy rule on redirect on AP .....	46
Figure 16 configure AP auth policy rule 1 .....	47
Figure 17 configure AP auth policy rule 2 .....	48



## Tables of Contents

Table 1 The web portal pages.....	8
Table 2 The parameter about redirect .....	<b>Error! Bookmark not defined.</b>
Table 3 The parameters about login .....	<b>Error! Bookmark not defined.</b>
Table 4 The parameters of access..	<b>Error! Bookmark not defined.</b>
Table 5 The parameters of setuser..	<b>Error! Bookmark not defined.</b>
Table 6 The parameters of logout...	<b>Error! Bookmark not defined.</b>
Table 7 The parameters of redirect	<b>Error! Bookmark not defined.</b>
Table 8 The parameters of login.....	<b>Error! Bookmark not defined.</b>
Table 9 The parameters of access..	<b>Error! Bookmark not defined.</b>
Table 10 The parameters of setuser	<b>Error! Bookmark not defined.</b>
Table 11 The parameters of logout.	<b>Error! Bookmark not defined.</b>
Table 12 The parameters of error number ....	<b>Error! Bookmark not defined.</b>



**Note:**

**This document is the guide for user who is using version 5.00 customized portal to edit portal file so that it can be completely working in the latest version 5.10 multiple portals.**

## **1. Introduction**

A captive portal can intercept network traffic, according to the authentication policies, until the user authenticates his or her connection, usually through a specially designed login web page.

As an added security measure, the NXC series contains Captive Portal functionally. This means all web page requests can initially be redirected to a special web page that requires you to authenticate your session. Once authentication is successful, you can then connect to the rest of network or internet.

By using the internal or external Captive Portal, you can customize your own web page, which can be a replacement for the Controller\_default that is originally built in NXC series, instead of Controller\_default. On the internal Captive Portal, there are three kinds of web page types that you can use, which includes Controller\_default, Customized, and Uploaded types. Another is external Captive Portal, you can download the template and feel free to configure the appearance of your personal web page based on your preference.



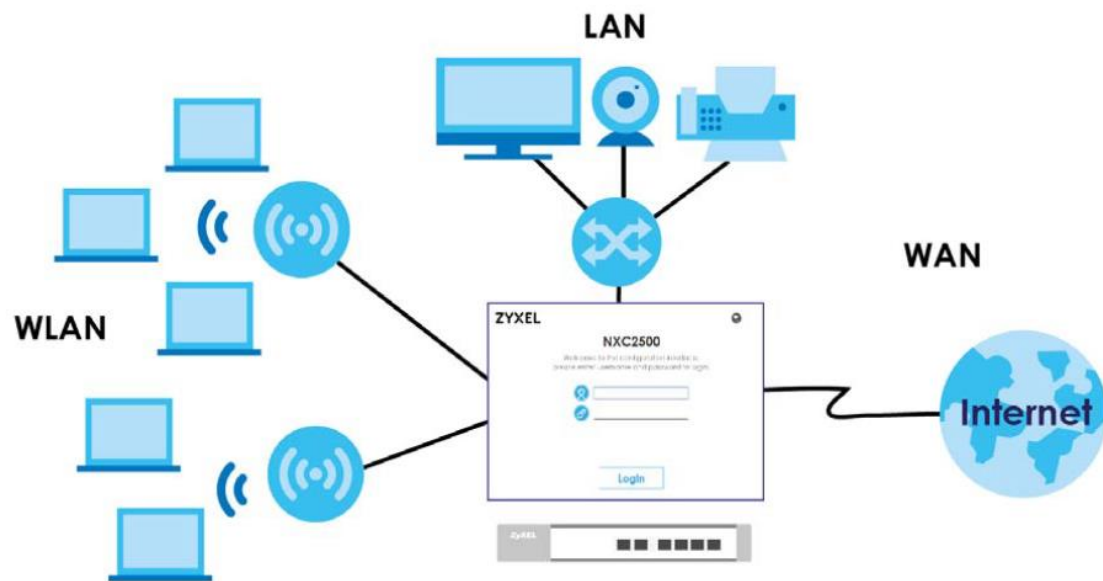


Figure 1 The Captive Portal Example



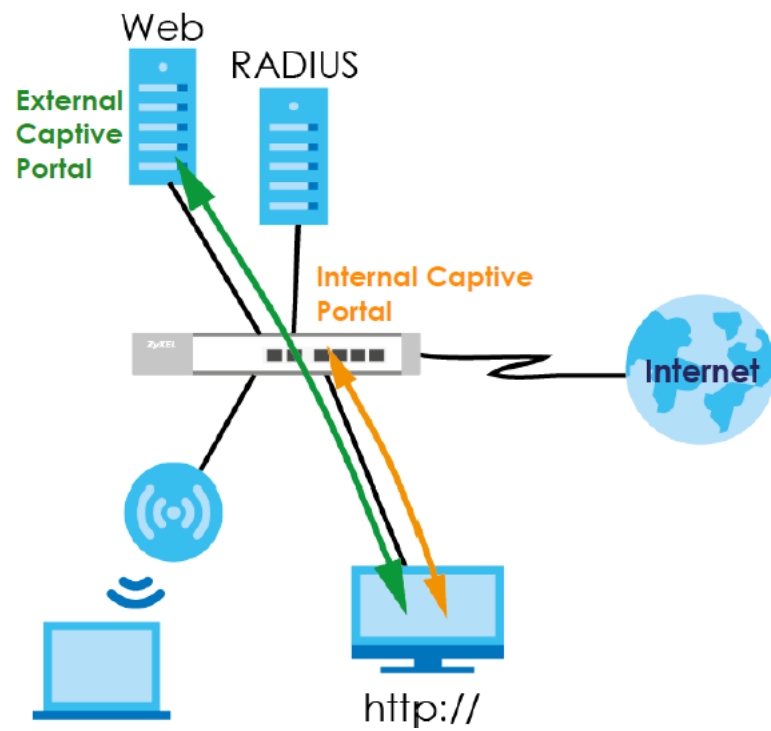


Figure 2 The Example of internal or external Captive Portal



## 2. Web pages configuration

As the introduction mentioned, you can configure a variety of web pages. The internal Captive Portal includes Controller\_default, customized, and uploaded type, and the external web portal. As the following table, you will understand which pages you need to prepare and design it. (○: designable, ×: default only)

Table 1 The web portal pages

	Controller_default	Customized	Uploaded	External
Login page	×	○	○	○
Error page	×	×	○	○
Welcome page	×	×	○	○
Session page	×	○	○	○
Logout page	×	×	○	○
User-logout page	×	○	○	○

## 3. Firmware upgrade

If your current firmware version is below 5.10(not included), you need to modify some html pages which included uploaded type and external web portal. Or if you don't want to modify some html pages, you will face with some limitations. The following steps will let you know how to add some parameters to html pages and Captive Portal would work smoothly. The most important parameter is **mpldx**, it should be added in html, because it plays an important role between cgi and htmls.

### 3.1 Uploaded type

Please to add mpldx and some specific parameters on specific position. The following template you can download from NXC series. And we will use this template to show you the difference between 5.10 and before



version. Almost html pages just need to add variable, mpldx, to the form and it will send to cgi.

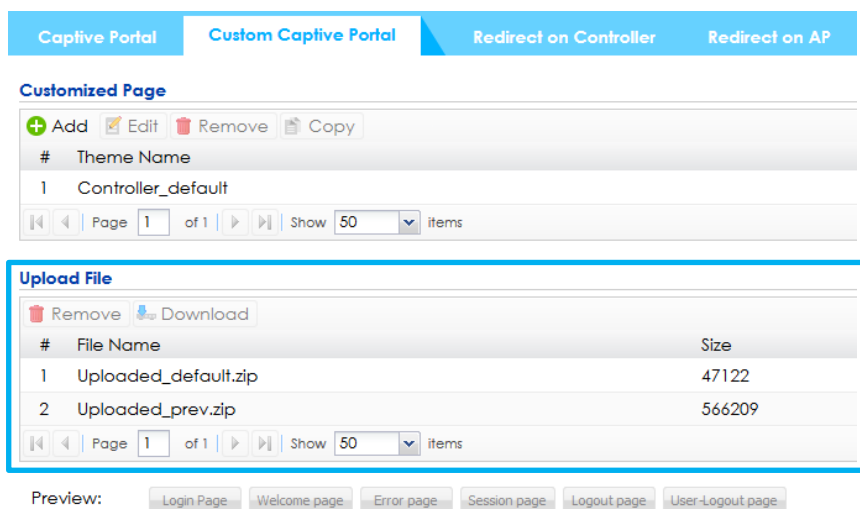


Figure 3 Where to download uploaded type template

Name	Size	Packed	Type
..			檔案資料夾
css			檔案資料夾
images			檔案資料夾
error.html	1,981	1,039	Chrome HTML D...
login.html	3,408	1,408	Chrome HTML D...
logout.html	2,023	910	Chrome HTML D...
Readme.txt	376	220	文字文件
session.html	12,016	2,947	Chrome HTML D...
userlogout.html	2,286	1,008	Chrome HTML D...
welcome.html	2,308	1,019	Chrome HTML D...

Figure 4 The folder content of uploaded type template



### 3.1.1 login.html

Open the original cp file and edit the code in the html as below:

- **Add id name and modify href path**

**Original:**

`<link rel="stylesheet" type="text/css" href="../../customize/css/Hospitality.css">`

```

1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3  <html>
4  <head>
5  <title>Login</title>
6  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
7  <link rel="stylesheet" type="text/css" href="../../customize/css/Hospitality.css">
8  <script type="text/javascript" src="/ext-js/app/view/dashboard/VD/js/qrcode_embedded.js"></script>
9  <script type="text/javascript" src="/ext-js/app/view/dashboard/VD/js/qrcode_main.js"></script>
10 <style>
11 .previewMask{position:absolute; right:0px; bottom:0px; width:100%; height:100%; background-color:#FFFFFF;
12 </style>

```

**Edited:**

`<link rel="stylesheet" type="text/css" id="uploaded_Login_cssLink" href="/customize/$T/customize/css/Hospitality.css">`

```

1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3  <html>
4  <head>
5  <title>Login</title>
6  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
7  <link rel="stylesheet" type="text/css" id="uploaded_Login_cssLink" href="/customize/$T/customize/css/Hospitality.css">
8  <script type="text/javascript" src="/ext-js/app/view/dashboard/VD/js/qrcode_embedded.js"></script>
9  <script type="text/javascript" src="/ext-js/app/view/dashboard/VD/js/qrcode_main.js"></script>
10 <style>
11 .previewMask{position:absolute; right:0px; bottom:0px; width:100%; height:100%; background-color:#FFFFFF; filter:alpha
12 </style>

```

- **Add this function in order to preview on controller GUI**

**Original:**

```

13 <script language="JavaScript">
14
15
16 function set_element(){
17     if ($w) {
18         var newField = document.createElement("input");

```

**Edited:**

```

if(window.name == "previewp"){
    document.getElementById('uploaded_Login_cssLink').href =
    '../../customize/css/Hospitality.css';
}

```



```
13 <script language="JavaScript">
14
15 if(window.name == "previewp"){
16     document.getElementById('uploaded_Login_cssLink').href = '../customize/css/Hospitality.css';
17 }
18
19 function set_element(){
20
21     if(window.name != "previewp"){
22         if ($w) {
23             var newField = document.createElement("input");
24             newField.setAttribute("name", "client_ip");
25             newField.setAttribute("type", "hidden");
26             newField.setAttribute("value", "$c");
27
28             var newField2 = document.createElement("input");
29             newField2.setAttribute("name", "ac_ip");
30             newField2.setAttribute("type", "hidden");
31             newField2.setAttribute("value", "$b");
32
33             var theForm = document.getElementById("login");
34             theForm.appendChild(newField);
35             theForm.appendChild(newField2);
36         }
37     }
38 }
```



- **Modify webauth\_error.cgi path with mpldx=\$M**

**Original:**

```
if( errorno != 0){
    document.error.error_num.value = errorno;
    document.error.submit();
}
```

```
47     var errorno=0;
48 }
49 if( errorno != 0){
50     document.error.error_num.value = errorno;
51     document.error.submit();
52 }
53 //document.login.username.select();
54 //document.login.username.focus();
55 }
```

**Edited:**

```
if( errorno != 0){
    var errorUrl = '/webauth_error.cgi?' + 'error_num=' + $e + '&mpldx=' + $M;
    window.open(errorUrl, "_blank");
}
```

```
47 if(typeof $e !== "undefined")
48 {
49     var errorno=$e;
50 }
51 else
52 {
53     var errorno=0;
54 }
55 if( errorno != 0){
56     var errorUrl = '/webauth_error.cgi?' + 'error_num=' + $e + '&mpldx=' + $M;
57     window.open(errorUrl, "_blank");
58 }
59 //document.login.username.select();
60 //document.login.username.focus();
61 }
```

- **Add the parameter mpldx=\$M on cgi path**

**Original:**

```
function update_qrcode() {
    if($q){
        var QRCode = document.getElementById("QRCode");
        var divStr = '<div><label>QR Code Login</label></div><div id="qr"
align="center"></div>';
        QRCode.innerHTML = divStr;
        var text = '$h/qrcode_login.cgi?qr_type=embedded&client_ip=$c';
        document.getElementById('qr').innerHTML = create_qrcode(text);
    }
}
```



```

}

61 function update_qrcode() {
62     if($q){
63         var QRCode = document.getElementById("QRCode");
64         var divStr = '<div><label>QR Code Login</label></div><div id="qr" align="center"></div>';
65         QRCode.innerHTML = divStr;
66         var text = '$h/qrcode_login.cgi?qr_type=embedded&client_ip=$c';
67         document.getElementById('qr').innerHTML = create_qrcode(text);
68     }
69 }

```

**Edited:**

```

function update_qrcode() {
    if($q){
        var QRCode = document.getElementById("QRCode");
        var divStr = '<div><label>QR Code Login</label></div><div id="qr"
align="center"></div>';
        QRCode.innerHTML = divStr;
        var text =
'$h/qrcode_login.cgi?qr_type=embedded&client_ip=$c&mpldx=$M';
        document.getElementById('qr').innerHTML = create_qrcode(text);
    }
}

```

```

67 function update_qrcode() {
68     if($q){
69         var QRCode = document.getElementById("QRCode");
70         var divStr = '<div><label>QR Code Login</label></div><div id="qr" align="center"></div>';
71         QRCode.innerHTML = divStr;
72         var text = '$h/qrcode_login.cgi?qr_type=embedded&client_ip=$c&mpldx=$M';
73         document.getElementById('qr').innerHTML = create_qrcode(text);
74     }
75 }

```

- Add the mpldx to the login form

**Original:**

Null



```

73 <body onload='set_element(); chkError(); update_qrcode();'>
74 <div class="wrapper">
75 <div class="content">
76 <div id="form_wrapper" class="form_wrapper">
77 <form name="login" id="login" action="/login.cgi" enctype="application/x-www-form-urlencoded" meth
78 <div class="hloginTop">
79 <div>ZYXEL</div>
80 </div>
81 <div class="textword"><br />Enter user name / password and click to login.</div>
82 <div>
83 <label>- Username</label>
84 <input type="text" name="username" >
85 </div>
86 <div>
87 <label>- Password</label>
88 <input type="password" name="password">
89 </div>
90 <div id="QRCode" name="QRCode"></div>
91 <input type="submit" value="Login" class="buttonBtoom">
92 </center>
93 <div class="clear"></div>
94 </div>
95 </form>
96 </div>
97 </div>
98 </div>
99 <form name= 'error' action="/webauth_error.cgi"
100 <div id="QRCode" name="QRCode"></div>
101 <input type="hidden" name="error_num" value=0>
102 </form>
103 <div id=prevvmask>&nbsp;</div>
104 </body>

```

**Edit:**

&lt;/div&gt;

&lt;input type="hidden" value="\$M" name="mpIdx"&gt;

&lt;div id="QRCode" name="QRCode"&gt;&lt;/div&gt;

&lt;input type="submit" value="Login" class="buttonBtoom"&gt;

&lt;/center&gt;

&lt;div class="clear"&gt;&lt;/div&gt;



```
79 <body onload='set_element(); chkError(); update_qrcode();'>
80   <div class="wrapper">
81     <div class="content">
82       <div id="form_wrapper" class="form_wrapper">
83         <form name="login" id="login" action="/login.cgi" enctype="application/x-www-form-urlencoded"
            activeHotel">
84           <div class="hloginTop">
85             <div>ZYXEL</div>
86           </div>
87           <div class="textword"><br />Enter user name / password and click to login.</div>
88           <div>
89             <label>- Username</label>
90             <input type="text" name="username" >
91           </div>
92           <div>
93             <label>- Password</label>
94             <input type="password" name="password">
95           </div>
96           <input type="hidden" value="$M" name="mpIdx">
97           <div id="QRCode" name="QRCode"></div>
98           <input type="submit" value="Login" class="buttonBtoom">
99         </center>
100        <div class="clear"></div>
101      </div>
102    </form>
103  </div>
104 </div>
105 </div>
106 <div id=prevvmask>&nbsp;</div>
107 </body>
```



### 3.1.2 session.html

Please edit the code in the html as below:

- Add the id and modify href path

**Original:**

`<link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">`

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
2 <html><head>
3 <title>Welcome to Session</title>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5 <link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
```

**Edit:**

`<link rel="stylesheet" type="text/css" id="uploaded_session_cssLink" href="/customize/$T/customize/css/Hospitality.css">`

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
2 <html><head>
3 <title>Welcome to Session</title>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5 <link rel="stylesheet" type="text/css" id="uploaded_session_cssLink" href="/customize/$T/customize/css/Hospitality.css">
```

- Add this function is in order to preview on controller GUI

**Original:**

Null

```
6 <script language="JavaScript">
7
8 function QueryString(item){
9     var svalue = location.search.match(new RegExp("[\?&]" + item + "=([^\&]*) (\&?)", "i"));
10    return svalue ? svalue[1] : svalue;
11 }
```

**Edit:**

```
if(window.name == "previewp"){
    document.getElementById('uploaded_session_cssLink').href =
'../customize/css/Hospitality.css';
}
```

```
8 if(window.name == "previewp"){
9     document.getElementById('uploaded_session_cssLink').href = '../customize/css/Hospitality.css';
10 }
```

- Add mplex to form

**Original:**

Null



```

273 <div class="textword" id='content'></div>
274 <div>
275 <label id='leaseTime'></label>
276 <input type="button" id='renew' name="renew" value="Renew" class="buttonBtoom" onclick='reNew()'>
277 <input type="text" id="leasetime" name="leasetime" style="width:50%" maxlength="4" size="8" value=
278 <input type="hidden" value="renew" name="perform">
279 </div>
280 <div>
281 <label id='authTime'></label>
282 <input type="text" id="authtime" name="authtime" value='00:00:00' style="width:50%" readonly>
283 </div>
284 <div>
285 <label id='sessionTime'></label>
286 <input type="text" id="sessiontime" name="sessiontime" maxlength="4" size="8" value= "00:00:00" re
287 </div>
288 </form>
289 <div>
290 <label id='mappingAddress'></label>
291 <input type="text" name="vpnip" style="width:50%" id='vpnip' value='0.0.0.0' readonly/>
292 </div>
293 <form class="loginHotel activeHotel" name="logout" id="logout" action="/setuser.cgi" enctype="appl
294 <div>
295 <input type="button" name='Logout' value=" Logout " id="logout" class="buttonBtoom" onClick="Glc
296 <input type="hidden" value="logout" name="perform">
297 <div class="clear"></div>
298 </div>
299 </form>
300 </div>
301 <div class="clear"></div>
302 </div>
303 </div>
304 <form name= 'timeout' id="timeout" action="/webauth_relogin.cgi"
305 <div>
306 <div>
307 </div>

```

**Edit:**

```

<div class="textword" id='content'></div>
<div>
<label id='leaseTime'></label>
<input type="button" id='renew' name="renew" value="Renew" class="buttonBtoom"
onclick='reNew()'>
<input type="text" id="leasetime" name="leasetime" style="width:50%" maxlength="4"
size="8" value= "00:00:00" readonly>
<input type="hidden" value="renew" name="perform">
<input type="hidden" value="$M" name="mpIdx">
</div>
<div>
<label id='authTime'></label>
<input type="text" id="authtime" name="authtime" value='00:00:00' style="width:50%"
readonly>
</div>
<div>
<label id='sessionTime'></label>
<input type="text" id="sessiontime" name="sessiontime" maxlength="4" size="8" value=

```



```
"00:00:00" readonly>
</div>
</form>
<div>
<label id='mappingAddress'></label>
<input type="text" name="vpnip" style="width:50%" id='vpnip' value='0.0.0.0' readonly/>
</div>
<form class="loginHotel activeHotel" name="logout" id="logout" action="/setuser.cgi"
enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" >
<div>
<input type="button" name='Logout' value=" Logout " id="logout"
class="buttonBtoom" onClick="Glogout()">
<input type="hidden" value="logout" name="perform">
<input type="hidden" value="$M" name="mpldx">
<div class="clear"></div>
</div>
</form>
</div>
<div class="clear"></div>
</div>
</div>
<form name= 'timeout' id="timeout" action="/webauth_relogin.cgi"
enctype="application/x-www-form-urlencoded" method="post"
autocomplete="off" >
<input type="hidden" value="$M" name="mpldx">
</form>
</body>
```



```

277 <div class="textword" id='content'></div>
278 <div>
279 <label id='leaseTime'></label>
280 <input type="button" id='renew' name="renew" value="Renew" class="buttonBtoom" onclick='reNew()'>
281 <input type="text" id="leasetime" name="leasetime" style="width:50%" maxlength="4" size="8" value=" 00:00:0
282 <input type="hidden" value="renew" name="perform">
283 <input type="hidden" value="$M" name="mpIdx">
284 </div>
285 <div>
286 <label id='authTime'></label>
287 <input type="text" id="authtime" name="authtime" value='00:00:00' style="width:50%" readonly>
288 </div>
289 <div>
290 <label id='sessionTime'></label>
291 <input type="text" id="sessiontime" name="sessiontime" maxlength="4" size="8" value=" 00:00:00" readonly>
292 </div>
293 </form>
294 <div>
295 <label id='mappingAddress'></label>
296 <input type="text" name="vpnip" style="width:50%" id='vpnip' value='0.0.0.0' readonly/>
297 </div>
298 <form class="loginHotel activeHotel" name="logout" id="logout" action="/setuser.cgi" enctype="application/x
299 <div>
300 <input type="button" name='Logout' value=" Logout " id="logout" class="buttonBtoom" onClick="Glogout()">
301 <input type="hidden" value="logout" name="perform">
302 <input type="hidden" value="$M" name="mpIdx">
303 <div class="clear"></div>
304 </div>
305 </form>
306 </div>
307 <div class="clear"></div>
308 </div>
309 </div>
310 <form name="timeout" id="timeout" action="/webauth_relogin.cgi"
311 enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" >
312 <input type="hidden" value="$M" name="mpIdx">
313 </form>
314 </body>

```

### 3.1.3 error.html

Please edit the code in the html as below:

- Add the id and modify href path

**Original:**

```
<html><head>
```

```
<title>Error Page</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<link rel="stylesheet" type="text/css" href=" ../customize/css/Hospitality.css">
```

```
<style>
```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-s
2 <html><head>
3 <title>Error Page</title>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5 <link rel="stylesheet" type="text/css" href=" ../customize/css/Hospitality.css">
6 <style>
7 .previewMask{position:absolute; right:0px; bottom:0px; width:100%; height:100%; background-color:#f
8 </style>

```

**Edit:**

```
<html><head>
```



```
<title>Error Page</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<link rel="stylesheet" type="text/css" id="uploaded_error_cssLink"
href="/customize/$T/customize/css/Hospitality.css">
```

```
<style>
```

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
2 <html><head>
3 <title>Error Page</title>
4 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
5 <link rel="stylesheet" type="text/css" id="uploaded_error_cssLink" href="/customize/$T/customize/css/Hospitality.css">
6 <style>
7 .previewMask{position:absolute; right:0px; bottom:0px; width:100%; height:100%; background-color:#FFFFFF; filter:alpha(
8 index:5);}
9 </style>
```

- Add this function is in order to preview on controller GUI

**Original:**

Null

```
9 <script language="JavaScript">
10
11
12 var errorMessage = {
13     /* multi-Lingual here */
14     '0': 'Authenticated successfully',
```

**Edit:**

```
if(window.name == "previewp"){
    document.getElementById('uploaded_error_cssLink').href =
'../customize/css/Hospitality.css';
}
```

```
11 if(window.name == "previewp"){
12     document.getElementById('uploaded_error_cssLink').href = '../customize/css/Hospitality.css';
13 }
```

### 3.1.4 welcome.html

Please edit the code in the html as below:

- Add id name and modify href path

**Original:**

```
<html><head>
```

```
<title>Welcome</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
```



```
<script language="JavaScript">
```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Welcome</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
7 <script language="JavaScript">
```

**Edit:**

```
<html><head>
```

```
<title>Welcome</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<link rel="stylesheet" type="text/css" id="uploaded_welcome_cssLink"
href="/customize/$T/customize/css/Hospitality.css">
```

```
<script language="JavaScript">
```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Welcome</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" id="uploaded_welcome_cssLink" href="/customize/$T/customize/css/Hospitality.css">
```

- Add this function is in order to preview on controller GUI

**Original:**

Null

```

7 <script language="JavaScript">
8
9
10 function initTask(){
11     /* display session page */
12     if(window.name == "preview")
13     {
14         document.getElementById("prevvmask").className="previewMask";
```

**Edit:**

```
<script language="JavaScript">
```

```

    if(window.name == "previewp"){
        document.getElementById('uploaded_welcome_cssLink').href =
'../customize/css/Hospitality.css';
    }

    var mp_idx = "$M";

    function initTask(){
```



```

9      if(window.name == "preview"){
10         document.getElementById('uploaded_welcome_cssLink').href = '../customize/css/Hospitality.css';
11     }
12
13     var mp_idx = "$M";

```

- Add the mpidx to form

#### Original:

Null

```

66 <form name= 'session' id="session" action="/access.cgi"
67     enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" target='_blank'>
68     <input type="hidden" name="perform" value="welcome">
69 </form>

```

#### Edit:

```

<form name= 'session' id="session" action="/access.cgi"
    enctype="application/x-www-form-urlencoded" method="post"
autocomplete="off" target='_blank'>
    <input type="hidden" name="perform" value="welcome">
    <input type="hidden" value="$M" name="mpIdx">
</form>

```

```

73 <form name= 'session' id="session" action="/access.cgi"
74     enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" target='_blank'>
75     <input type="hidden" name="perform" value="welcome">
76     <input type="hidden" value="$M" name="mpIdx">
77 </form>

```

## 3.1.5 logout.html

Please edit the code in the html as below:

- Add the id and modify href path

#### Original:

```

<html><head>
<title>Logout</title>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
<script language="javascript">

```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Logout</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
7 <script language="javascript">

```

#### Edit:



```

<html><head>
<title>Logout</title>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<link rel="stylesheet" type="text/css" id="uploaded_logout_cssLink"
href="/customize/$T/customize/css/Hospitality.css">
<script language="javascript">

```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Logout</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" id="uploaded_logout_cssLink" href="/customize/$T/customize/css/Hospitality.css">

```

- Add this function in order to preview on controller GUI

#### Original:

```

function initTask(){
    if(window.name == "preview")
    {
        document.getElementById("prevwmask").className="previewMask";
    }
}

```

```

7 <script language="javascript">
8 function initTask(){
9     if(window.name == "preview")
10    {
11        document.getElementById("prevwmask").className="previewMask";
12    }
13 }

```

#### Edit:

```

function initTask(){
    if(window.name == "previewp"){
        document.getElementById('uploaded_logout_cssLink').href =
'../customize/css/Hospitality.css';
    }
}

```

```

9     if(window.name == "previewp"){
10        document.getElementById('uploaded_welcome_cssLink').href = '../customize/css/Hospitality.css';
11    }

```

- Add mpldx to form

#### Original:

Null



```

44 <label>Your Internet is safer, faster, and smarter because you're usin
45 </div>
46 <div>
47 <input type="hidden" value="relogin" name="perform">
48
49 <input type="submit" onclick="" value="Re-Login" class="buttonBtoom">
50 <div class="clear"></div>
51 </div>

```

**Edit:**

```
<div>
```

```
<input type="hidden" value="relogin" name="perform">
```

```
<input type="hidden" value="$M" name="mpIdx">
```

```
<input type="submit" onclick="" value="Re-Login" class="buttonBtoom">
```

```
<div class="clear"></div>
```

```
</div>
```

```

45 <div>
46 <input type="hidden" value="relogin" name="perform">
47 <input type="hidden" value="$M" name="mpIdx">
48 <input type="submit" onclick="" value="Re-Login" class="buttonBtoom">
49 <div class="clear"></div>

```

### 3.1.6 userlogout.html

Please edit the code in the html as below:

- **Add the id and modify href path**

**Original:**

```
<html><head>
```

```
<title>Logout</title>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
```

```
<link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
```

```
<script language="javascript">
```

```

1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Logout</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" href="../customize/css/Hospitality.css">
7 <script language="javascript">

```

**Edit:**

```
<html><head>
```

```
<title>Logout</title>
```



```
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<link rel="stylesheet" type="text/css" id="uploaded_userlogout_cssLink"
href="/customize/$T/customize/css/Hospitality.css">
<script language="javascript">
```

```
1 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
2 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
3 <html><head>
4 <title>Logout</title>
5 <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
6 <link rel="stylesheet" type="text/css" id="uploaded_logout_cssLink" href="/customize/$T/customize/css/Hospitality.css">
```

- Add this function is in order to preview on controller GUI

Original:

Null

```
7 <script language="javascript">
8
9
10 function initTask(){
11     if(window.name == "previewp")
12     {
13         document.getElementById("prevvmask").className="previewMask";
14     }
15 }
```

Edit:

```
<script language="javascript">
```

```
if(window.name == "previewp"){
    document.getElementById('uploaded_userlogout_cssLink').href =
    '../customize/css/Hospitality.css';
}
```

```
9 if(window.name == "previewp"){
10     document.getElementById('uploaded_welcome_cssLink').href = '../customize/css/Hospitality.css';
11 }
```

- Add the mpldx to form

Original:

Null

```
55 <label>Your Internet is safer, faster, and smarter because you're using por
56 </div>
57 <div>
58 <input type="hidden" value="logout" name="perform">
59
60 <input type="submit" onclick="" value="Logout" class="buttonBtoom">
61 <div class="clear"></div>
62 </div>
```

Edit:

```
<div>
```



```
<input type="hidden" value="logout" name="perform">  
<input type="hidden" value="$M" name="mpIdx">  
<input type="submit" onclick="" value="Logout" class="buttonBtoom">  
<div class="clear"></div>  
</div>
```

```
60 <div>  
61 <input type="hidden" value="logout" name="perform">  
62 <input type="hidden" value="$M" name="mpIdx">  
63 <input type="submit" onclick="" value="Logout" class="buttonBtoom">  
64 <div class="clear"></div>  
65 </div>
```

## 3.2 External web portal

Please add mpIdx and some specific parameters on specific position. The following template you can download from NXC series. And we will use this template to show you the difference between 5.10 and before version. Almost html pages just need to add variable, mpIdx, to the form and it will send to cgi.

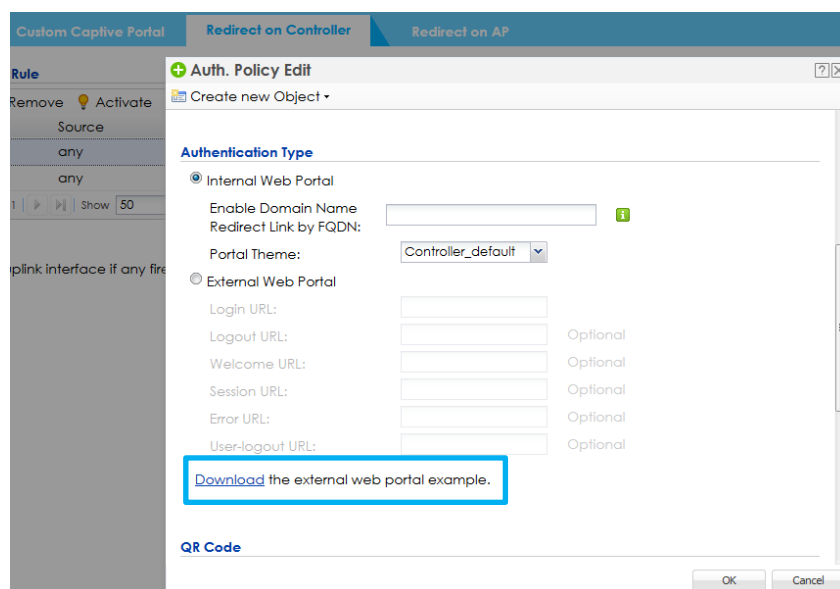


Figure 5 Where to download external web portal template



Name	Size	Packed	Type
..			檔案資料夾
css			檔案資料夾
images			檔案資料夾
error.html	1,871	938	Chrome HTML D...
index.html	1,666	438	Chrome HTML D...
login.html	4,366	1,487	Chrome HTML D...
logo.ico	9,158	5,508	圖示
logout.html	2,674	1,073	Chrome HTML D...
qrcode_embedded.js	37,184	7,905	JScript 指令檔
qrcode_main.js	590	291	JScript 指令檔
session.html	13,149	3,179	Chrome HTML D...
userlogout.html	2,771	1,109	Chrome HTML D...
welcome.html	2,664	1,076	Chrome HTML D...

Figure 6 The folder content of external web portal

### 3.2.1 login.html

Please edit the code in the html as below:

- Add variable mpIdx

Original:

Null

```

9  <script language="JavaScript">
10     var gwAddr = getQueryString("gw_addr");
11     var qrcode_gw_addr = getQueryString("qrcode_gw_addr");
12     var errorNum = getQueryString("error_num");
13     var client_ip = getQueryString("client_ip");
14     var web_auth_mode = getQueryString("web_auth_mode");
15     var ac_ip = getQueryString("ac_ip");
16

```

Edit:

```
var mpIdx = getQueryString("mpIdx");
```

```

9  <script language="JavaScript">
10     var gwAddr = getQueryString("gw_addr");
11     var qrcode_gw_addr = getQueryString("qrcode_gw_addr");
12     var errorNum = getQueryString("error_num");
13     var client_ip = getQueryString("client_ip");
14     var web_auth_mode = getQueryString("web_auth_mode");
15     var ac_ip = getQueryString("ac_ip");
16     var mpIdx = getQueryString("mpIdx");

```

- Add variable mpIdx to cgi path

Original:



```

function chkError(){
    if(errorNum != 0){
        document.error.submit();
        debugger;
    }
    document.login.username.select();
    document.login.username.focus();
}

```

```

30  function chkError() {
31      if(errorNum != 0){
32          document.error.submit();
33          debugger;
34      }
35      document.login.username.select();
36      document.login.username.focus();
37  }

```

**Edit:**

```

function chkError(){
    if(errorNum != 0){
        var errorUrl = gwAddr + '/webauth_error.cgi?' + 'error_num=' + errorNum
        + '&mpIdx=' + mpIdx;
        //var errorUrl = 'error.html';
        window.open(errorUrl, "_blank");
        //document.error.submit();
    }
    document.login.username.select();
    document.login.username.focus();
}

```

```

31  function chkError(){
32      if(errorNum != 0){
33          var errorUrl = gwAddr + '/webauth_error.cgi?' + 'error_num=' + errorNum + '&mpIdx=' + mpIdx;
34          //var errorUrl = 'error.html';
35          window.open(errorUrl, "_blank");
36          //document.error.submit();
37      }
38      document.login.username.select();
39      document.login.username.focus();
40  }

```

- Add variable mpIdx to qrcode login cgi path as well

**Original:**

```

function update_qrcode() {
    if(qrcode_gw_addr == "" || client_ip == "") return "";

```



```

var QRCode = document.getElementById("QRCode");
var divStr = '<div><label>- QR Code Login</label></div><div id="qr"
align="center"></div>';
QRCode.innerHTML = divStr;
var text = qrcode_gw_addr +
'/qrcode_login.cgi?qr_type=embedded&client_ip=' + client_ip;
document.getElementById('qr').innerHTML = create_qrcode(text);
}

```

```

39 function update_qrcode() {
40     if(qrcode_gw_addr == "" || client_ip == "") return "";
41     var QRCode = document.getElementById("QRCode");
42     var divStr = '<div><label>- QR Code Login</label></div><div id="qr" align="center"></div>';
43     QRCode.innerHTML = divStr;
44     var text = qrcode_gw_addr + '/qrcode_login.cgi?qr_type=embedded&client_ip=' + client_ip;
45     document.getElementById('qr').innerHTML = create_qrcode(text);
46 }

```

**Edit:**

```

function update_qrcode() {
    if(qrcode_gw_addr == "" || client_ip == "") return "";
    var QRCode = document.getElementById("QRCode");
    var divStr = '<div><label>- QR Code Login</label></div><div id="qr"
align="center"></div>';
    QRCode.innerHTML = divStr;
    var text = qrcode_gw_addr +
'/qrcode_login.cgi?qr_type=embedded&client_ip=' + client_ip + "&mpldx=" + mpldx;
    document.getElementById('qr').innerHTML = create_qrcode(text);
}

```

```

42 function update_qrcode() {
43     if(qrcode_gw_addr == "" || client_ip == "") return "";
44     var QRCode = document.getElementById("QRCode");
45     var divStr = '<div><label>- QR Code Login</label></div><div id="qr" align="center"></div>';
46     QRCode.innerHTML = divStr;
47     var text = qrcode_gw_addr + '/qrcode_login.cgi?qr_type=embedded&client_ip=' + client_ip + "&mpldx=" + mpldx;
48     document.getElementById('qr').innerHTML = create_qrcode(text);
49 }

```

- Add variable mpldx to the form

**Original:**

Null



```
48     function set_element() {
49         if (web_auth_mode != "") {
50             var newField = document.createElement("input");
51             newField.setAttribute("name", "client_ip");
52             newField.setAttribute("type", "hidden");
53             newField.setAttribute("value", client_ip);
54
55             var newField2 = document.createElement("input");
56             newField2.setAttribute("name", "ac_ip");
57             newField2.setAttribute("type", "hidden");
58             newField2.setAttribute("value", ac_ip);
59
60             var theForm = document.getElementById("login");
61             theForm.appendChild(newField);
62             theForm.appendChild(newField2);
63         }
64     }
65 }
```

Edit:

```
    }
    var newField3 = document.createElement("input");
    newField3.setAttribute("name", "mpldx");
    newField3.setAttribute("type", "hidden");
    newField3.setAttribute("value", mpldx);

    var theForm = document.getElementById("login");
    theForm.appendChild(newField3);

    var newField4 = document.createElement("input");
    newField4.setAttribute("name", "mpldx");
    newField4.setAttribute("type", "hidden");
    newField4.setAttribute("value", mpldx);
    var theForm = document.getElementById("error");
    theForm.appendChild(newField4);

}
</script>
```



```

50 function set_element() {
51     if (web_auth_mode != "") {
52         var newField = document.createElement("input");
53         newField.setAttribute("name", "client_ip");
54         newField.setAttribute("type", "hidden");
55         newField.setAttribute("value", client_ip);
56
57         var newField2 = document.createElement("input");
58         newField2.setAttribute("name", "ac_ip");
59         newField2.setAttribute("type", "hidden");
60         newField2.setAttribute("value", ac_ip);
61
62         var theForm = document.getElementById("login");
63         theForm.appendChild(newField);
64         theForm.appendChild(newField2);
65     }
66
67     var newField3 = document.createElement("input");
68     newField3.setAttribute("name", "mpIdx");
69     newField3.setAttribute("type", "hidden");
70     newField3.setAttribute("value", mpIdx);
71
72     var theForm = document.getElementById("login");
73     theForm.appendChild(newField3);
74
75     var newField4 = document.createElement("input");
76     newField4.setAttribute("name", "mpIdx");
77     newField4.setAttribute("type", "hidden");
78     newField4.setAttribute("value", mpIdx);
79     var theForm = document.getElementById("error");
80     theForm.appendChild(newField4);
81
82 }

```

- Add id="error" to this form

#### Original:

```

<form name= 'error' action="" enctype="application/x-www-form-urlencoded"
method="post" autocomplete="off" target="_blank">
    <input type="hidden" name="error_num" value="">
</form>

```

```

86 <form name= 'error' action="" enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" target=" blank">
87     <input type="hidden" name="error_num" value="">
88 </form>

```

#### Edit:

```

<form name= 'error' id="error" action=""
enctype="application/x-www-form-urlencoded" method="post" autocomplete="off"
target="_blank">
    <input type="hidden" name="error_num" value="">
</form>

```

```

106 <form name= 'error' id="error" action="" enctype="application/x-www-form-urlencoded" method="post" autocomplete="off" target=" blank">
107     <input type="hidden" name=" error_num" value="">
108 </form>

```



### 3.2.2 session.html

Please edit the code in the html as below:

- Add variable mpIdx

Original:

Null

```
10 <script language="JavaScript">
11
12     var gwAddr = getQueryString("gw_addr");
13     var authHours = getQueryString("auth_hour");
14     var authMinutes = getQueryString("auth_min");
15     var authSec = getQueryString("auth_sec");
16     var leaseTime = getQueryString("lease_time");
17     var lease_sec = getQueryString("lease_sec");
18     var sess_sec = getQueryString("sess_sec");
19     var vpnip = getQueryString("vpn_ip");
20     var username = getQueryString("username");
21     var due_str = getQueryString("due_str");
22     var client_ip = getQueryString("client_ip");
23     var ac_ip = getQueryString("ac_ip");
```

Edit:

```
var mpIdx = getQueryString("mpIdx");
```

```
10 <script language="JavaScript">
11     var mpIdx = getQueryString("mpIdx");
12     var gwAddr = getQueryString("gw_addr");
13     var authHours = getQueryString("auth_hour");
14     var authMinutes = getQueryString("auth_min");
15     var authSec = getQueryString("auth_sec");
16     var leaseTime = getQueryString("lease_time");
17     var lease_sec = getQueryString("lease_sec");
18     var sess_sec = getQueryString("sess_sec");
19     var vpnip = getQueryString("vpn_ip");
20     var username = getQueryString("username");
21     var due_str = getQueryString("due_str");
22     var client_ip = getQueryString("client_ip");
23     var ac_ip = getQueryString("ac_ip");
```

- And then add variable mpIdx to the form

Original:

Null



```
235 function set_element() {  
236     if (client_ip != "") {  
237         var newField = document.createElement("input");  
238         newField.setAttribute("name", "client_ip");  
239         newField.setAttribute("type", "hidden");  
240         newField.setAttribute("value", client_ip);  
241  
242         var newField2 = document.createElement("input");  
243         newField2.setAttribute("name", "ac_ip");  
244         newField2.setAttribute("type", "hidden");  
245         newField2.setAttribute("value", ac_ip);  
246  
247         var theForm = document.getElementById("renew");  
248         var renew_element = newField.cloneNode(true);  
249         var renew_element2 = newField2.cloneNode(true);  
250         theForm.appendChild(renew_element);  
251         theForm.appendChild(renew_element2);  
252  
253         theForm = document.getElementById("timeout");  
254         var time_element = newField.cloneNode(true);  
255         var time_element2 = newField2.cloneNode(true);  
256         theForm.appendChild(time_element);  
257         theForm.appendChild(time_element2);  
258  
259         theForm = document.getElementById("logout");  
260         var logout_element = newField.cloneNode(true);  
261         var logout_element2 = newField2.cloneNode(true);  
262         theForm.appendChild(logout_element);  
263         theForm.appendChild(logout_element2);  
264     }  
265  
266 }
```

Edit:

```
}
```

```
var newField3 = document.createElement("input");  
newField3.setAttribute("name", "mpldx");  
newField3.setAttribute("type", "hidden");  
newField3.setAttribute("value", mpldx);  
var theForm3 = document.getElementById("logout");  
theForm3.appendChild(newField3);
```

```
var newField4 = document.createElement("input");  
newField4.setAttribute("name", "mpldx");  
newField4.setAttribute("type", "hidden");
```



```
newField4.setAttribute("value", mpIdx);
var theForm4 = document.getElementById("renew");
theForm4.appendChild(newField4);

var newField5 = document.createElement("input");
newField5.setAttribute("name", "mpIdx");
newField5.setAttribute("type", "hidden");
newField5.setAttribute("value", mpIdx);
var theForm5 = document.getElementById("timeout");
theForm5.appendChild(newField5);
}
```

```
268     var newField3 = document.createElement("input");
269     newField3.setAttribute("name", "mpIdx");
270     newField3.setAttribute("type", "hidden");
271     newField3.setAttribute("value", mpIdx);
272     var theForm3 = document.getElementById("logout");
273     theForm3.appendChild(newField3);
274
275     var newField4 = document.createElement("input");
276     newField4.setAttribute("name", "mpIdx");
277     newField4.setAttribute("type", "hidden");
278     newField4.setAttribute("value", mpIdx);
279     var theForm4 = document.getElementById("renew");
280     theForm4.appendChild(newField4);
281
282     var newField5 = document.createElement("input");
283     newField5.setAttribute("name", "mpIdx");
284     newField5.setAttribute("type", "hidden");
285     newField5.setAttribute("value", mpIdx);
286     var theForm5 = document.getElementById("timeout");
287     theForm5.appendChild(newField5);
288 }
289 </script>
```

### 3.2.3 welcome.html

Please edit the code in the html as below:

- Add variable mpIdx

**Original:**

Null



```

7 <script language="JavaScript">
8     var gwAddr = getQueryString("gw_addr");
9     var username = getQueryString("username");
10    var client_ip = getQueryString("client_ip");
11    var ac_ip = getQueryString("ac_ip");
12

```

Edit:

```
var mpIdx = getQueryString("mpIdx");
```

```

7 <script language="JavaScript">
8     var gwAddr = getQueryString("gw_addr");
9     var username = getQueryString("username");
10    var client_ip = getQueryString("client_ip");
11    var ac_ip = getQueryString("ac_ip");
12    var mpIdx = getQueryString("mpIdx");

```

- Add variable mpIdx to the session and input form

Original:

Null

```

27 function set_element(){
28     if (client_ip != "") {
29         var newField = document.createElement("input");
30         newField.setAttribute("name", "client_ip");
31         newField.setAttribute("type", "hidden");
32         newField.setAttribute("value", client_ip);
33
34         var newField2 = document.createElement("input");
35         newField2.setAttribute("name", "ac_ip");
36         newField2.setAttribute("type", "hidden");
37         newField2.setAttribute("value", ac_ip);
38
39         var theForm = document.getElementById("session");
40         theForm.appendChild(newField);
41         theForm.appendChild(newField2);
42     }
43
44 }

```

Edit:

```

}
var newField3 = document.createElement("input");
newField3.setAttribute("name", "mpIdx");
newField3.setAttribute("type", "hidden");
newField3.setAttribute("value", mpIdx);

var theForm3 = document.getElementById("session");

```



```
theForm3.appendChild(newField3);
```

```

}

28▼ function set_element(){
29▼     if (client_ip != "") {
30         var newField = document.createElement("input");
31         newField.setAttribute("name", "client_ip");
32         newField.setAttribute("type", "hidden");
33         newField.setAttribute("value", client_ip);
34
35         var newField2 = document.createElement("input");
36         newField2.setAttribute("name", "ac_ip");
37         newField2.setAttribute("type", "hidden");
38         newField2.setAttribute("value", ac_ip);
39
40         var theForm = document.getElementById("session");
41         theForm.appendChild(newField);
42         theForm.appendChild(newField2);
43     }
44     var newField3 = document.createElement("input");
45     newField3.setAttribute("name", "mpIdx");
46     newField3.setAttribute("type", "hidden");
47     newField3.setAttribute("value", mpIdx);
48
49     var theForm3 = document.getElementById("session");
50     theForm3.appendChild(newField3);
51 }

```

### 3.2.4 logout.html

Please edit the code in the html as below:

- Add variable mpIdx

Original:

Null

```

7 <script type="text/javascript">
8
9     var gwAddr = getQueryString("gw_addr");
10    var client_ip = getQueryString("client_ip");
11    var ac_ip = getQueryString("ac_ip");

```

Edit:

```
var mpIdx = getQueryString("mpIdx");
```

```

7▼ <script type="text/javascript">
8    var mpIdx = getQueryString("mpIdx");
9    var gwAddr = getQueryString("gw_addr");
10   var client_ip = getQueryString("client_ip");
11   var ac_ip = getQueryString("ac_ip");

```



- Add variable mpldx to the input and relogin form

Original:

Null

```
23 function set_element(){
24     if (client_ip != "") {
25         var newField = document.createElement("input");
26         newField.setAttribute("name", "client_ip");
27         newField.setAttribute("type", "hidden");
28         newField.setAttribute("value", client_ip);
29
30         var newField2 = document.createElement("input");
31         newField2.setAttribute("name", "ac_ip");
32         newField2.setAttribute("type", "hidden");
33         newField2.setAttribute("value", ac_ip);
34
35         var theForm = document.getElementById("relogin");
36         theForm.appendChild(newField);
37         theForm.appendChild(newField2);
38     }
39
40 }
```

Edit:

```
    }

    var newField3 = document.createElement("input");
    newField3.setAttribute("name", "mpldx");
    newField3.setAttribute("type", "hidden");
    newField3.setAttribute("value", mpldx);

    var theForm3 = document.getElementById("relogin");
    theForm3.appendChild(newField3);
}
```



```

24     function set_element(){
25         if (client_ip != "") {
26             var newField = document.createElement("input");
27             newField.setAttribute("name", "client_ip");
28             newField.setAttribute("type", "hidden");
29             newField.setAttribute("value", client_ip);
30
31             var newField2 = document.createElement("input");
32             newField2.setAttribute("name", "ac_ip");
33             newField2.setAttribute("type", "hidden");
34             newField2.setAttribute("value", ac_ip);
35
36             var theForm = document.getElementById("relogin");
37             theForm.appendChild(newField);
38             theForm.appendChild(newField2);
39         }
40
41         var newField3 = document.createElement("input");
42         newField3.setAttribute("name", "mpIdx");
43         newField3.setAttribute("type", "hidden");
44         newField3.setAttribute("value", mpIdx);
45
46         var theForm3 = document.getElementById("relogin");
47         theForm3.appendChild(newField3);
48     }

```

### 3.2.5 userlogout.html

Please edit the code in the html as below:

- Add variable mpIdx

**Original:**

Null

```

8  <script type="text/javascript">
9      var gwAddr = getQueryString("gw_addr");
10     var client_ip = getQueryString("client_ip");
11     var web_auth_mode = getQueryString("web_auth_mode");
12     var ac_ip = getQueryString("ac_ip");
13

```

**Edit:**

```
var mpIdx = getQueryString("mpIdx");
```

```

8  <script type="text/javascript">
9      var gwAddr = getQueryString("gw_addr");
10     var client_ip = getQueryString("client_ip");
11     var web_auth_mode = getQueryString("web_auth_mode");
12     var ac_ip = getQueryString("ac_ip");
13     var mpIdx = getQueryString("mpIdx");

```



- Add variable mpldx to the input and logout form

Original:

Null

```
25 function set_element() {  
26     if (web_auth_mode != "") {  
27         var newField = document.createElement("input");  
28         newField.setAttribute("name", "client_ip");  
29         newField.setAttribute("type", "hidden");  
30         newField.setAttribute("value", client_ip);  
31  
32         var newField2 = document.createElement("input");  
33         newField2.setAttribute("name", "ac_ip");  
34         newField2.setAttribute("type", "hidden");  
35         newField2.setAttribute("value", ac_ip);  
36  
37         var theForm = document.getElementById("logout");  
38         theForm.appendChild(newField);  
39         theForm.appendChild(newField2);  
40     }  
41  
42 }
```

Edit:

```
    }  
  
    var newField3 = document.createElement("input");  
    newField3.setAttribute("name", "mpldx");  
    newField3.setAttribute("type", "hidden");  
    newField3.setAttribute("value", mpldx);  
    var theForm3 = document.getElementById("logout");  
    theForm3.appendChild(newField3);  
}
```



```
26▼ function set_element() {
27▼   if (web_auth_mode != "") {
28     var newField = document.createElement("input");
29     newField.setAttribute("name", "client_ip");
30     newField.setAttribute("type", "hidden");
31     newField.setAttribute("value", client_ip);
32
33     var newField2 = document.createElement("input");
34     newField2.setAttribute("name", "ac_ip");
35     newField2.setAttribute("type", "hidden");
36     newField2.setAttribute("value", ac_ip);
37
38     var theForm = document.getElementById("logout");
39     theForm.appendChild(newField);
40     theForm.appendChild(newField2);
41   }
42
43   var newField3 = document.createElement("input");
44   newField3.setAttribute("name", "mpIdx");
45   newField3.setAttribute("type", "hidden");
46   newField3.setAttribute("value", mpIdx);
47   var theForm3 = document.getElementById("logout");
48   theForm3.appendChild(newField3);
49 }
```

## 4. Configuration on GUI

The following steps would teach you how to set configuration on GUI.

Step 1: Enable Captive Portal

On NXC series page→CONFIGURATION→Captive Portal

The screenshot shows the 'Captive Portal' configuration page in the ZyXEL NXC series GUI. The 'General Settings' section has a checkbox for 'Enable Captive Portal' which is checked. Below this is the 'SSID Profile with MAC Cache' section, which includes 'Add', 'Edit', and 'Remove' buttons. At the bottom is the 'Exceptional Services' section, which also has 'Add' and 'Remove' buttons. A table lists services: 1 DNS, 2 BOOTP\_CLIENT. The page footer shows 'Page 1 of 1' and 'Displaying 1 - 2 of 2'.

Figure 7 Enable Captive Portal



Step2: Design your internal web portal page which includes Customized Page or Upload File.

Captive Portal

Custom Captive Portal

Redirect on Controller

Redirect on AP

Customized Page

+ Add

✎ Edit

✖ Remove

📄 Copy

#	Theme Name
1	Controller_default

⏪

⏩

Page 1 of 1

⏪

⏩

Show 50 items

Displaying 1 - 1 of 1

Upload File

✖ Remove

📄 Download

#	File Name	Size	Last Modified
1	Uploaded_default.zip	47122	2017-08-28 09:15:50
2	Uploaded_prev.zip	566209	2017-08-21 07:20:59

⏪

⏩

Page 1 of 1

⏪

⏩

Show 50 items

Displaying 1 - 2 of 2

Preview:

Login Page

Welcome page

Error page

Session page

Logout page

User-Logout page

To use uploaded Captive Portal, please first upload the zip first within the login.html, welcome.html, error.html, session.html and logout.html located in the folder. You can download the Uploaded\_default file and edit them.

File Path:

Browse...

Upload

Figure 8 Choose your web portal page type



Figure 9 Customize your customized web portal page



On NXC series page →CONFIGURATION→Redirect on Controller  
Here are authentication policy rules that you have set. If you need to add new policy rule, please press button add.

Figure 10 Add auth policy rule on redirect on controller



After pressing the new button, you could set some policy parameters, which are related with this policy.

The screenshot shows the 'Auth. Policy Edit' window with the following configuration options:

- General Settings**
  - ☒ Enable Policy
  - Description:  (Optional)
- User Auth Policy**
  - Source Address:
  - Destination Address:
  - Schedule:
  - Authentication:
  - Authentication Method:
- Authentication Type**
  - ☒ Internal Web Portal
    - Enable Domain Name Redirect Link by FQDN:  i
    - Portal Theme:
  - ☐ External Web Portal

Buttons: OK, Cancel


Figure 11 The configure controller auth policy rule 1




Set the authentication type which includes internal web portal or external web portal. The portal theme is what you have designed. If you set external web portal, please set an external web server and key in URL.

#### Authentication Type

☒ Internal Web Portal

Enable Domain Name:  

Redirect Link by FQDN:

Portal Theme:  

☐ External Web Portal

Login URL:

Logout URL:  Optional

Welcome URL:  Optional

Session URL:  Optional

Error URL:  Optional

User-logout URL:  Optional


[Download](#) the external web portal example.

Figure 12 The configure controller auth policy rule 2


The redirect on Controller also support QR code authentication. You can set it.

#### QR Code

☐ Authentication with QR code


Guest Account:  

☐ Authenticator-assisted

QR Portal Address:  

Authenticator:

☐ Self-serviced

QR Portal Address:  

Note Message:

QR Code

#### Note:

If enable QR code, local Auth. server must be in Authentication Method.

Figure 13 The configure controller auth policy rule 3



## 4.2 Redirect on AP

On NXC series page → CONFIGURATION → Redirect on AP

Here, you could also see some authentication policy rule which you have ever set.

**Authentication Policy Group**

#	Name	Description
1	default	

Page 1 of 1 | Show 50 items | Displaying 1 - 1 of 1

**Authentication Policy Rule**

#	Status	Profile...	SSID P...	Source	Desti...	Sche...	Auth...	Login...	Auth. ...	Descr...
1	test1		any	any	any	none	force	Contr...	dd	
2	default		any	any	any	none	unne...	Contr...	n/a	

Page 1 of 1 | Show 50 items | Displaying 1 - 2 of 2

**Note:**  
Please configure Authentication policy rule first prior to adding Authentication Policy Group, and ensure applied to AP Group [AP Group](#)

Figure 14 Add auth policy rule on redirect on AP



After pressing the new button, you could set some policy parameters which are related with this policy.

The screenshot shows a web-based configuration window titled "Auth. Policy Edit". At the top, there is a "Create new Object" button. The window is divided into two main sections: "General Settings" and "User Auth Policy".

**General Settings**

- ☒ Enable Policy
- Theme Name:
- Description:  (Optional)

**User Auth Policy**

- SSID:
- Source Address:
- Destination Address:
- Schedule:
- Authentication:
- Authentication Method:

At the bottom right, there are "OK" and "Cancel" buttons. A vertical scrollbar is visible on the right side of the window.

Figure 15 configure AP auth policy rule 1



Set the authentication type which includes internal web portal or external web portal. The portal theme is what you have designed. If you set external web portal, please set an external web server and key in URL.

**Auth. Policy Edit**

Create new Object ▾

**Authentication Type**

☒ Internal Web Portal

Portal Theme: Controller\_default ▾

☐ External Web Portal

Login URL:

Logout URL:  Optional

Welcome URL:  Optional

Session URL:  Optional

Error URL:  Optional

User-logout URL:  Optional

[Download](#) the external web portal example.

OK Cancel

Figure 16 configure AP auth policy rule 2