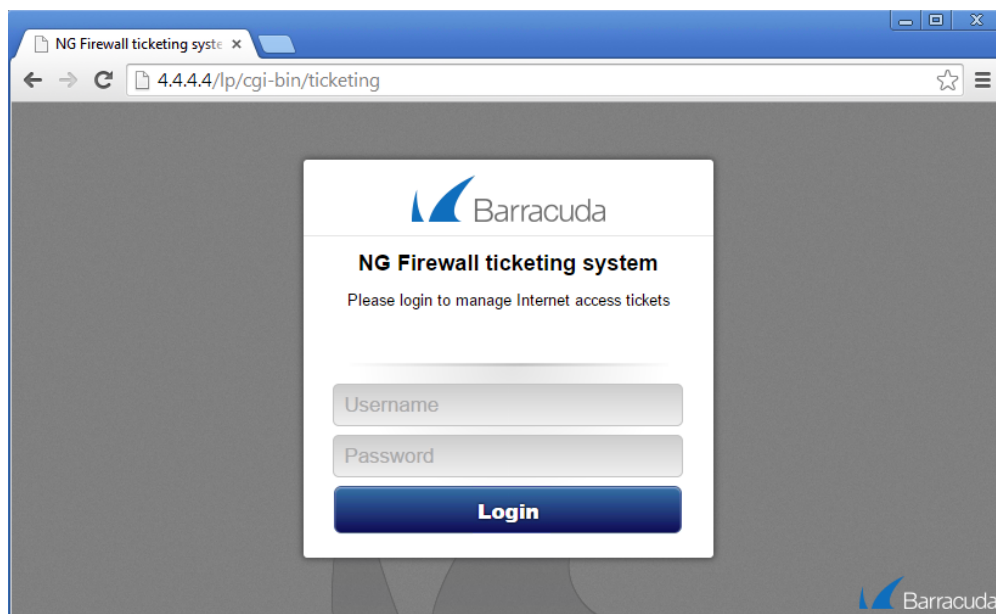


How to Configure Wi-Fi Guest Access

<https://campus.barracuda.com/doc/41116122/>

Wi-Fi guest access can only be used for Wi-Fi users. For a more generic guest access configuration (ticketing and confirmation page), see [Firewall Authentication and Guest Access](#).

You can configure a fully customizable web-based portal that displays a disclaimer and requests login credentials from users when they first try to access the Internet or special network segments. For example, you can configure a Guest Access that looks similar to the following page:



To administer tickets for the Guest Access, you can also enable a web-based backend user interface for creating, deleting, managing, or printing tickets.

In this article:

Step 1. Enable Guest Access

1. Open the **WIFI AP Configuration** page (**Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > WIFI**).
2. Click **Lock**.

3. From the **Guest Access** list, select either **Confirmation** or **Ticketing**. If you want to disable the Guest Access, select **None**.
4. Click **Send Changes** and **Activate**.

Step 2. Configure Guest Access

1. Open the **Forwarding Settings** page for the Firewall service (**Config > Full Config > Box > Virtual Servers > your virtual server > Assigned Services > Firewall**).
2. From the **Configuration** menu in the left navigation pane, click **Guest Access**.
3. Click **Lock**.
4. You can specify the following settings for the Guest Access:

Section	Setting	Description
Timing	Renew Confirmation After (min.)	The time period after which users must re-enter their login credentials. When deleting ticketing users, the user can still access the guest network for the duration of this value. To force a user to be blocked immediately you must delete the ticketing or confirmation user in Firewall > Users and terminate all existing firewall sessions in Firewall > Live for that user.
	Auto. Renew Confirmation	Confirmation is automatically renewed within this time period, after the last confirmation has timed out. The user does not need to re-enter login credentials.
Customization (Confirmation)	Confirmation text	Custom text that is displayed on the confirmation window. If left blank, the default Barracuda Networks disclaimer is displayed.
	Header Logo	(Only visible in advanced view) The customizable header image for confirmation Guest Access. Before specifying an image in this field, you must upload it. From the Configuration menu in the left navigation pane, click Authentication Messages . Add the picture to the Custom HTML Files table within the <code>\LP</code> subdirectory.
	Alt. LP Index File	(Only visible in advanced view) A custom <code>index.html</code> file for the Guest Access. See the description below this table to learn how to configure the custom HTML code. Before specifying an <code>index.html</code> page in this field, you must upload it. From the Configuration menu in the left navigation pane, click Authentication Messages . Add the file to the Custom HTML Files table.

Customization (Ticketing)	Confirmation text	Custom text that is displayed on the confirmation window. If left blank, the default Barracuda Networks disclaimer is displayed.
	Header Logo	(Only visible in advanced view) The customizable header image for ticketing Guest Access. From the Configuration menu in the left navigation pane, click Authentication Messages . Add the picture to the Custom HTML Files table within the LP subdirectory.
	Alt. LP Index File	(Only visible in advanced view) A custom <i>index.html</i> file for the Guest Access. See the description below this table to learn how to configure the custom HTML code. Before specifying an <i>index.html</i> page in this field, you must upload it. From the Configuration menu in the left navigation pane, click Authentication Messages . Add the file to the Custom HTML Files table.
Ticketing Administration User	Username	The username for the administrator of the ticketing list backend page.
	Password	The password for the administrator of the ticketing list backend page.
Add. Guest Access Networks	Network	Defines additional network segments (except the Wi-Fi network where Guest Access are served to clients). You can select a network object or manually enter a network segment.
	Type	The type of Guest Access for the additional network segments. You can select Confirmation or Ticketing .

The customizable *index.html* page mentioned above is also the HTML template for the **Next Token, New Pin, Accept New Pin** and **One-time Password Authentication** pages. You can use special tags in HTML comments within the *index.html* to enter content to be displayed only on the respective pages. The following tags are available:

- Next token: %%NEXTTOKENMSG-BEGIN%% %%NEXTTOKENMSG-END%%
- New pin: %%NEWPIN-BEGIN%% %%NEWPIN-END%%
- Accept new server-generated PIN: %%ACCEPTNEWPIN-BEGIN%% %%ACCEPTNEWPIN-END%%
- One-time password authentication: %%OTP-BEGIN%% %%OTP-END%%

Start your conditional HTML code block with a comment tag (`<!--`) directly followed by the respective special opening tag, and end it with a closing comment tag (`-->`) directly preceded by the respective special ending tag.

```
<!--
```

```
%%NEXTTOKENMSG-BEGIN%%
```

```
<div id="twofactorinfo">
```

```
<p>RSA ACE server requires a<br><strong>Next token authentication</strong>.<br>
```

```
Please enter the next token as Password.<br>
```

```
</div>
```

```
%%NEXTTOKENMSG-END%%
```

```
-->
```

The following code block writes the token ID into a hidden form field and is therefore always required. Copy and paste it into your HTML page.

```
<!--
```

```
%%NEXTTOKEN-BEGIN%%
```

```
<input
```

```
type=hidden
```

```
name="nexttoken"
```

```
value="%%NEXTTOKEN%%"/>
```

```
%%NEXTTOKEN-END%%
```

```
-->
```

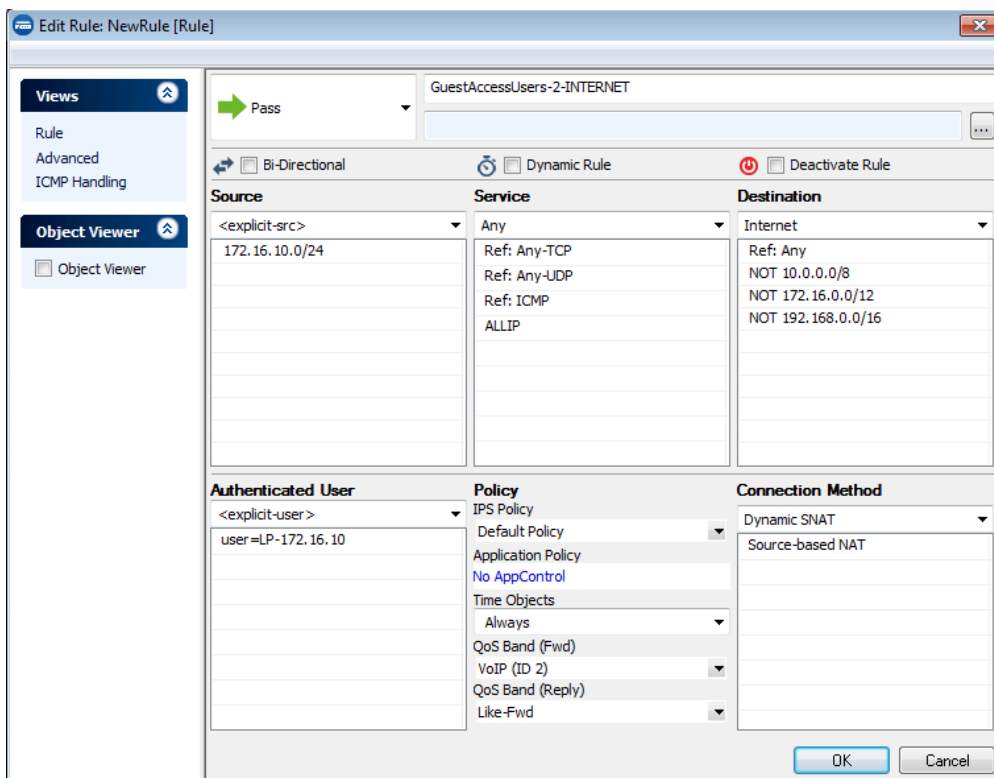
View Authenticated Users

To see a list of authenticated users, go to the **Firewall > Users** page. On this page, successfully authenticated users are listed with either the LP- or TKT- prefix, followed by the IP address of the client.

Authenticated Users in Firewall Rules

Using the IP addresses on the **Firewall > Users** page, you can create firewall rules to regulate network access for authenticated users. In the rule editor window, specify the authenticated users in the **Authenticated User** field.

For example, a user is successfully authenticated from the Guest Access on a client with the IP address of 172.16.10.100. On the **Firewall > Users** page, the authenticated user is displayed with the following identity: LP-172.16.10.100. In the following firewall rule example, this identity string is used to allow Internet access for users that are authenticated on the Guest Access in the 172.16.10.0/24 network:

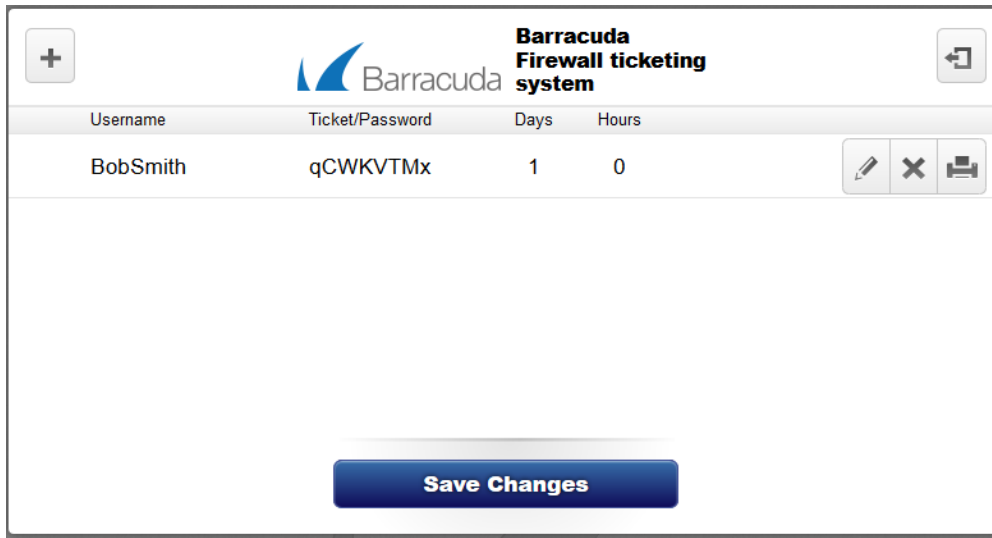





The user=LP-172.16.10 string indicates that this firewall rule only applies to users who are residing in the 172.16.10.0/24 network and are currently authenticated through the Guest Access.

For more information on creating firewall rules, see [Firewall Access Rules](#).

Guest Access Ticketing System

To administer tickets for the Guest Access, the Barracuda NG Firewall offers a web-based backend user interface for creating, deleting, managing, or printing tickets.



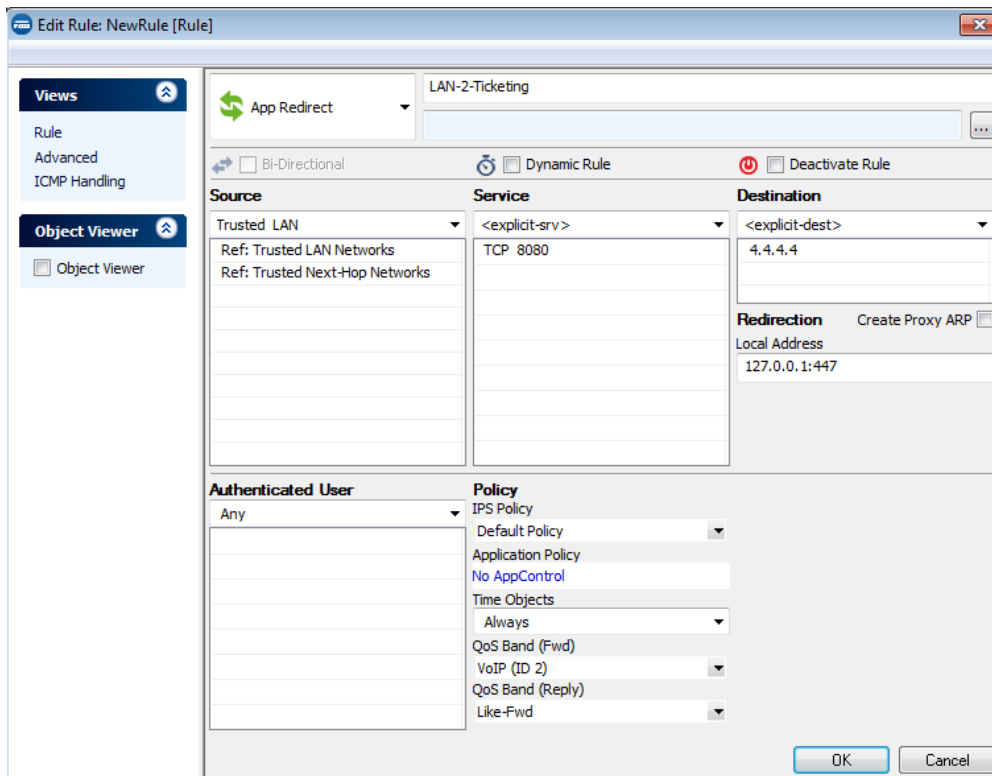
Username	Ticket/Password	Days	Hours	
BobSmith	qCWKVTMx	1	0	  

Save Changes

Access to the Admin Ticket Interface

HTTP requests (port 80/443) that are addressed to the system that is running the Guest Access must be forwarded to the local web server of the system. Create a firewall rule that forwards these HTTP requests to the local web server.

It is recommended that you use TCP port 8080 (or similar). For more information, see [How to Create an App Redirect Firewall Rule](#).



Ticketing Next Steps

After you create a firewall rule that grants access to the ticket system, you can connect to the ticketing interface from a web browser.

1. In a web browser, enter: `http://<IP:port>/lp/cgi-bin/ticketing`
2. On the ticketing system login page, enter the login credentials that you specified in the **Ticketing Administration User** section when configuring the Guest Access.

For more information, see [How to Manage Guest Tickets - User's Guide](#).

Figures

1. GuestAccess01.png
2. Wifi_GA_02.png
3. ticket_admin_3.PNG
4. Wifi_GA_01.png

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