

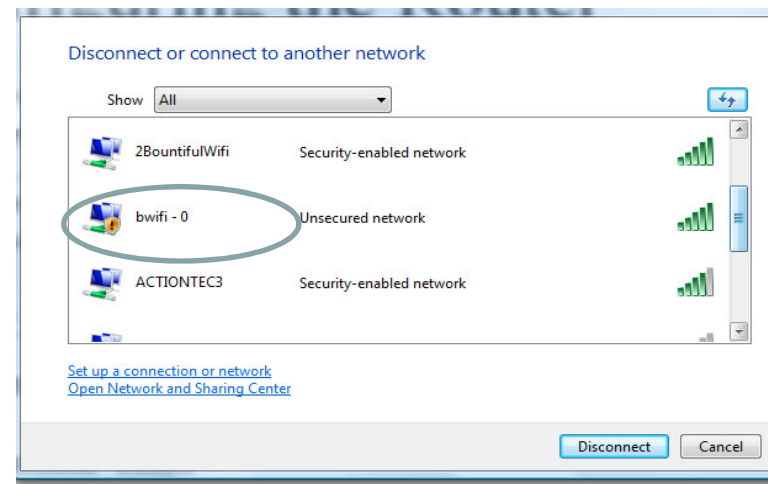
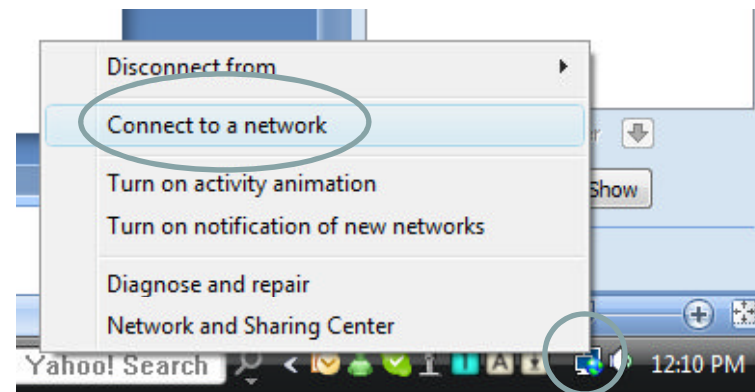
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# Multiple SSID

Multiple Virtual APs might exist within a single physical AP, each advertising a distinct SSID and capability set. Alternatively, multiple Virtual APs might advertise the same SSID but a different capability set – allowing access to be provided via Web Portal, WEP, and WPA simultaneously. Where APs are shared by multiple providers, Virtual APs provide each provider with separate authentication and accounting data for their users, as well as diagnostic information, without sharing sensitive management traffic or data between providers.

# Access Web Interface

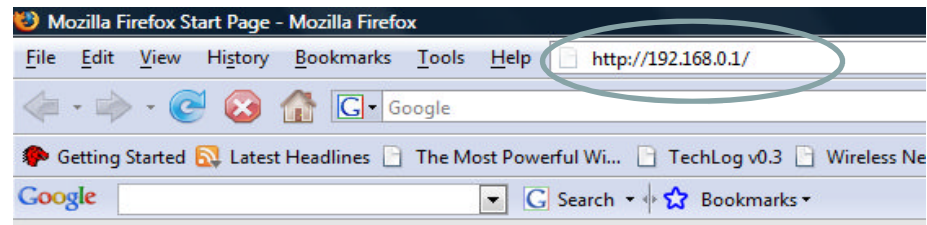
View wireless network(s) and connect to bwifi - 0  
Or the SSID assigned to the  
\*Note The wireless network must be enabled on your computer



# Accessing Web Interface

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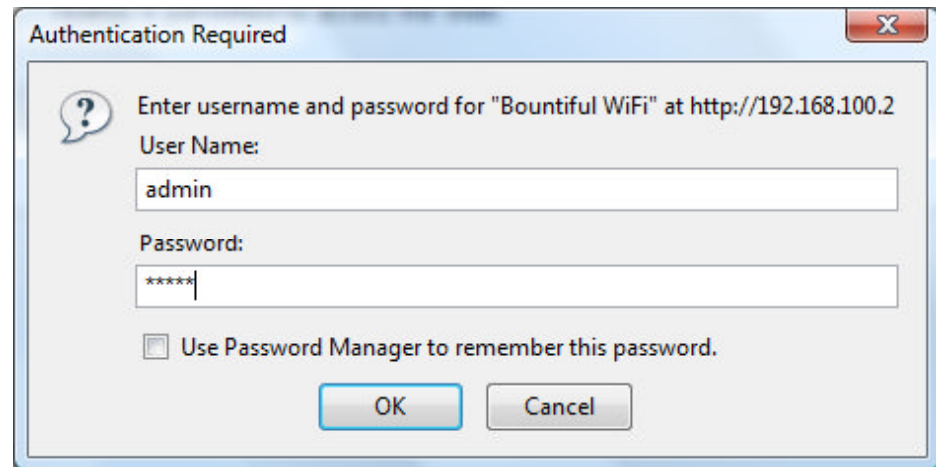
Open an internet browser  
and type in the router IP  
address  
(default=192.168.0.1)  
Or IP address you assigned  
to your router



# Accessing Web Interface


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Type in user name and password  
default username=admin  
password =admin  
Or the username and password  
assigned to the router

A screenshot of a Windows-style dialog box titled "Authentication Required". The dialog box has a light blue header bar with a close button (X) in the top right corner. The main content area is white and contains a question mark icon in a speech bubble, followed by the text "Enter username and password for 'Bountiful WiFi' at http://192.168.100.2". Below this text are two input fields: "User Name:" with the text "admin" entered, and "Password:" with "\*\*\*\*\*" entered. At the bottom of the dialog box, there is a checkbox labeled "Use Password Manager to remember this password." which is currently unchecked. Below the checkbox are two buttons: "OK" and "Cancel".

# Accessing Web Interface

This is the status page of the Bountiful Web Interface



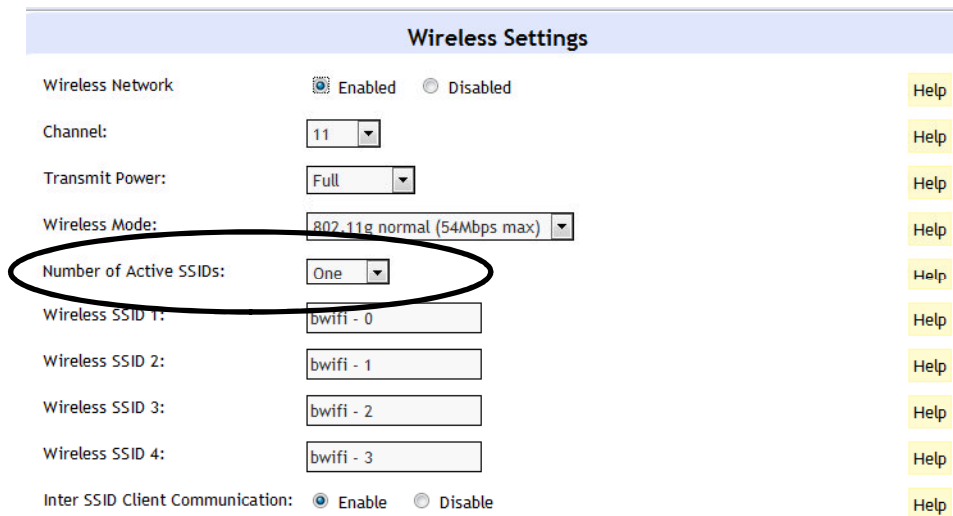
The screenshot shows the Bountiful web interface with the following sections:

- Navigation:** Quick Setup, General, **Wireless**, Applications, Status
- Status Section:**
  - Firmware Version: 4.1.3.15.403 - Sep 20 2007, 14:04:35
  - System Uptime: Day 0, 0:02:01
  - Host name:
  - Domain name:
  - Ethernet MAC Address: 00:14:AC:00:0A:33
  - Wireless MAC Address: 00:14:AC:01:0A:33
- Internet Connection Section:**
  - Connection Type: DHCP
  - IP Address: 0.0.0.0 / Mask 0.0.0.0 (with a **Renew Address** button)
  - Gateway: 0.0.0.0
  - DNS Server 1: 0.0.0.0
  - DNS Server 2: 0.0.0.0
  - DNS Server 3: 0.0.0.0
- Local Connection Section:**
  - Local IP Address: 192.168.0.1 / Mask 255.255.255.0
  - DHCP Server: Enabled (with a **View DHCP Clients** button)
- Wireless Section:**
  - Wireless Network: Disabled
  - Table with columns: Active SSID, Security Type, Passphrase
  - Row: bwifi - 0, Open-System

# Multiple SSID

Click on the Wireless tab and scroll down to Wireless Settings

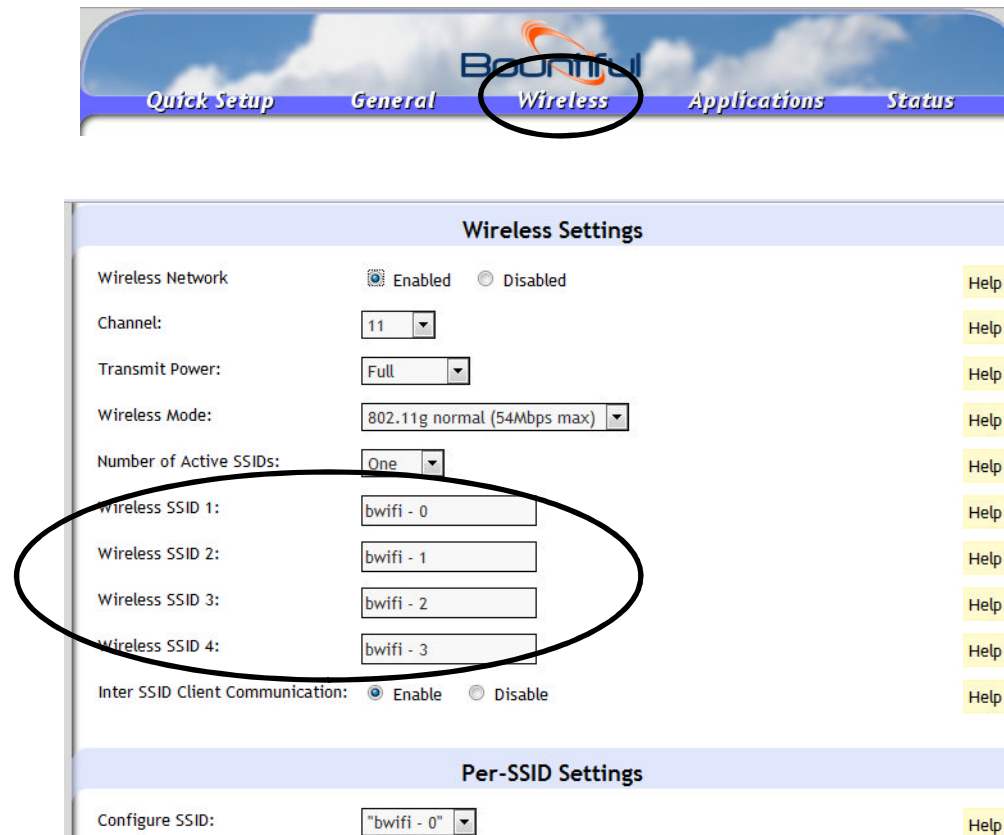
Click on the drop down menu to select the number of SSID's to activate

A screenshot of a web-based configuration page titled "Wireless Settings". The page contains several settings with corresponding "Help" buttons on the right. The "Number of Active SSIDs:" setting is circled in black. The settings are: Wireless Network (Enabled/Disabled), Channel (11), Transmit Power (Full), Wireless Mode (802.11g normal (54Mbps max)), Number of Active SSIDs (One), Wireless SSID 1 (bwifi - 0), Wireless SSID 2 (bwifi - 1), Wireless SSID 3 (bwifi - 2), Wireless SSID 4 (bwifi - 3), and Inter SSID Client Communication (Enable/Disable).

Wireless Settings		
Wireless Network	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	Help
Channel:	11	Help
Transmit Power:	Full	Help
Wireless Mode:	802.11g normal (54Mbps max)	Help
Number of Active SSIDs:	One	Help
Wireless SSID 1:	bwifi - 0	Help
Wireless SSID 2:	bwifi - 1	Help
Wireless SSID 3:	bwifi - 2	Help
Wireless SSID 4:	bwifi - 3	Help
Inter SSID Client Communication:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	Help

# Multiple SSID

Create unique  
SSID for desired  
active SSIDs



**Wireless Settings**

Wireless Network	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled	Help
Channel:	11	Help
Transmit Power:	Full	Help
Wireless Mode:	802.11g normal (54Mbps max)	Help
Number of Active SSIDs:	One	Help
Wireless SSID 1:	bwifi - 0	Help
Wireless SSID 2:	bwifi - 1	Help
Wireless SSID 3:	bwifi - 2	Help
Wireless SSID 4:	bwifi - 3	Help
Inter SSID Client Communication:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable	Help

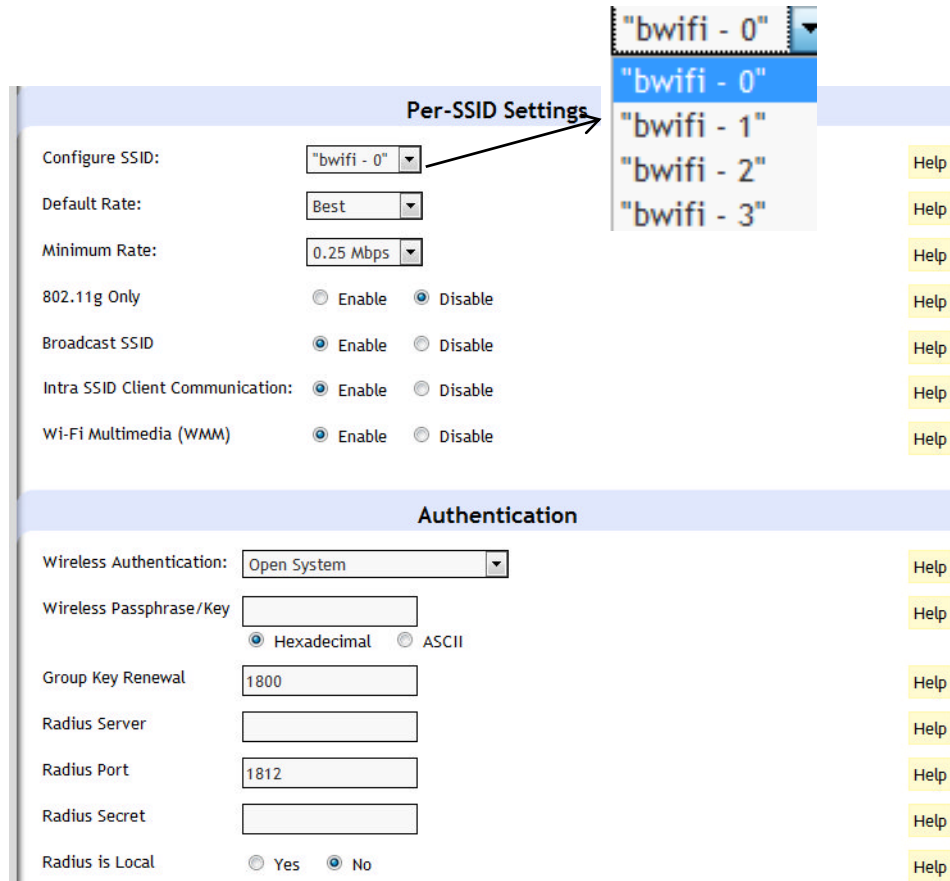
**Per-SSID Settings**

Configure SSID:	"bwifi - 0"	Help
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# Multiple SSID

Note: Each SSID can be specifically configured

Select the desired SSID under SSID Configuration



The screenshot displays a configuration page with two main sections: "Per-SSID Settings" and "Authentication".

**Per-SSID Settings:**

- Configure SSID: A dropdown menu showing "bwifi - 0". An arrow points to this dropdown, and a separate dropdown menu is shown to its right, listing "bwifi - 0", "bwifi - 1", "bwifi - 2", and "bwifi - 3".
- Default Rate: Best
- Minimum Rate: 0.25 Mbps
- 802.11g Only:  Enable  Disable
- Broadcast SSID:  Enable  Disable
- Intra SSID Client Communication:  Enable  Disable
- Wi-Fi Multimedia (WMM):  Enable  Disable

**Authentication:**

- Wireless Authentication: Open System
- Wireless Passphrase/Key: [Empty text box]
- Hexadecimal  ASCII
- Group Key Renewal: 1800
- Radius Server: [Empty text box]
- Radius Port: 1812
- Radius Secret: [Empty text box]
- Radius is Local:  Yes  No

Each configuration item has a "Help" button to its right.

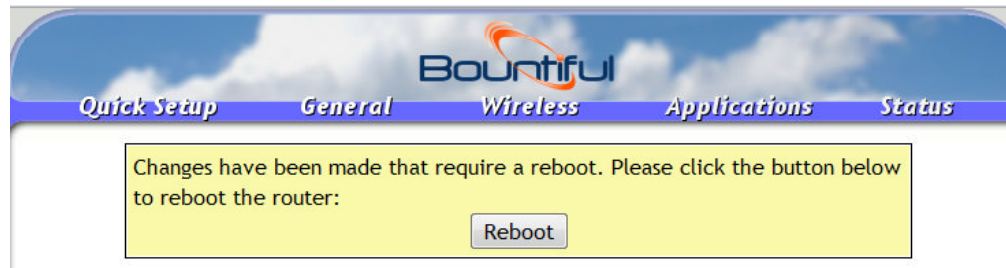
# Multiple SSID

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Scroll to the bottom of the page and click submit

Submit

Then when prompted reboot the router



# Multiple SSID

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Multiple SSIDs have been set up on the Bountiful Router