

# Viasat WiFi Gateway – Router Settings Tab

## Summary

This Job Aid covers:

[Log in to Router](#)

## [Router Settings Tab](#)

This Job Aid supports the Technician audience.

Plug the gateway into the customer's computer via the Ethernet cable. This is the best configuration for making changes.

Find the password sticker on the side or bottom of the Viasat WiFi gateway.



WiFi 2.4G Name: vsat-24g-xxxxxx

Barcode

WiFi 5G Name: vsat-5g-xxxxxx

Barcode



Password: xxxxxxxxxxxxxxxxxxxx

Barcode

Admin Password: xxxxxxxxxxxxxxxxxxxx

Barcode

Find the **Admin Password**

Note: This password is used when configuring the gateway.

In the browser, type 192.168.100.1 as the URL

Ask the customer to enter the username and password of:

- Username =admin
- Password = Admin password from the gateway's sticker

The screenshot shows a web browser window displaying the Viasat Router Login page. The page has a white background with a thin horizontal line near the top. In the top left corner, the Viasat logo is visible. The main heading is 'ROUTER LOGIN'. Below this, there are two input fields: 'User Name' with the text 'admin' and 'Password' with masked characters. To the right of the password field is a blue button labeled 'SIGN IN'. Below the password field is a checkbox labeled 'Remember User Name'. The footer of the page is dark grey and contains the Viasat logo on the left and the text '© 2018 Viasat, Inc.' on the right.

Click the Router Setting tab at the top of the page.

The screenshot displays the ViSAT Modem web interface. At the top, there is a navigation menu with links for Wi-Fi Settings, Router Settings, Parental Controls, Modem, and Diagnostics. The main content area is titled "Modem/IFL Cable status" and includes a "Router Settings" button and a link for "Applications & Gaming".

**Modem state**

STATUS: Online (indicated by green status icons)  
ONLINE TIME: 003:21:30:39  
LED: On - Blue

**General**

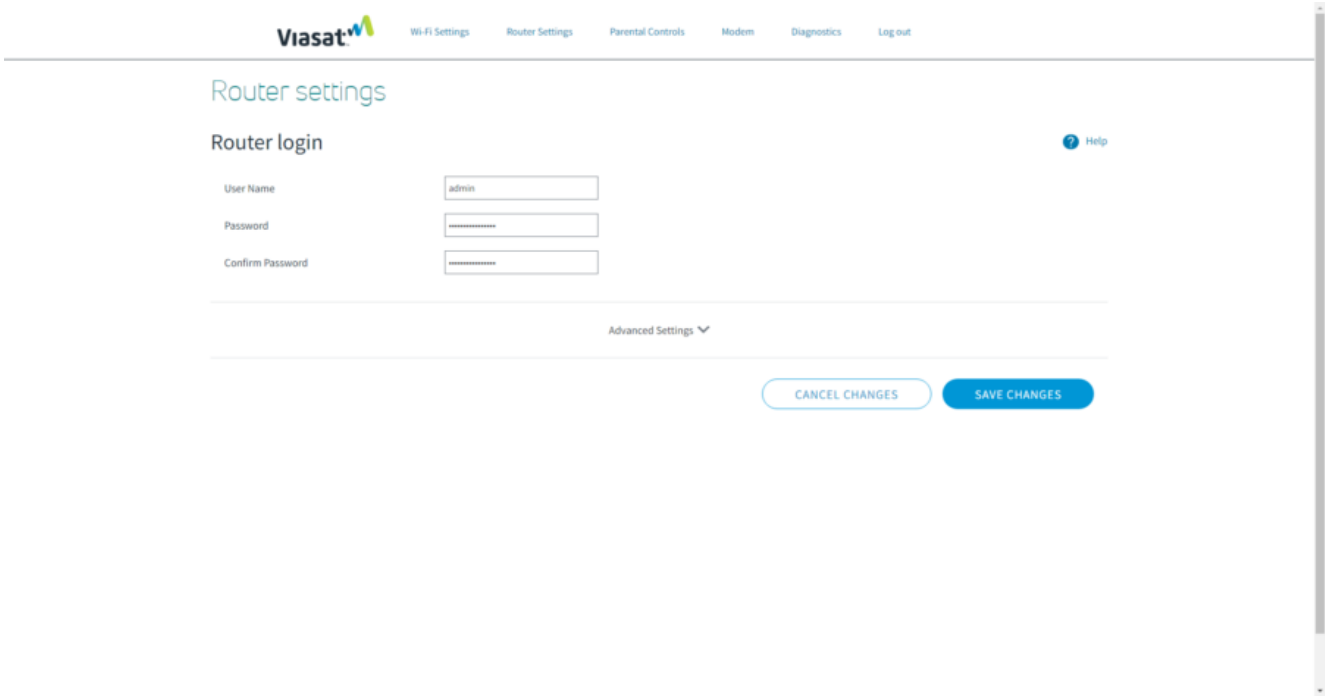
FL (RX) POWER: -0.8 dBm  
FL (RX) SNR: 9.7 dB  
PTRIA COMM STATUS: Connected  
CABLE RESISTANCE: 3.5 Ohms  
CPU CORE TEMP: 93 °C / 199 °F  
PTRIA TEMPERATURE: 10 °C / 50 °F  
FL SYNC ATTEMPTS: 1  
FAN SPEED (RPM): 0  
PTRIA FAULTS: None  
PTRIA GPS 3D FIX: (indicated by a green checkmark)

**Identification**

IDU			
IP ADDRESS	10.176.234.246	MAC ADDRESS	00:A0:BC:7F:AC:DC
SOFTWARE VERSION	SPOCK_3.7.9.13.2	HARDWARE VERSION	20100 - SPOCK_P1
SERIAL NUMBER	G39317494332	PART NUMBER	RG1100N-030

Log in to the router again with the admin username and password

- Username =admin
- Password = Admin password from the gateway's sticker
- Confirm Password = Type the password again



Scrolling down the page, these sections appear. Use the information to make any desired customizations.

## Advanced Settings

### Advanced settings

Enter Route Name	<input type="text"/>
Route Entries	1 ( ) <input type="button" value="DELETE THIS ENTRY"/>
Destination LAN IP	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Subnet Mask	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Gateway	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Interface	LAN & Wireless <input type="button" value="v"/>
<input type="button" value="SHOW ROUTING TABLE"/>	

Use the information to make any desired customizations under

the topic Advanced Settings.

**Enter Router Name** – Type a name for the router about to be created

**Route Entries** – Create up to 20 static routes between the router and another network. Click Delete This Entry to remove a static route

**Destination LAN IP** – Type the IP address of the remote network to which you are assigning a static route

**Subnet Mask** – Type the subnet mask for the destination LAN IP address

**Gateway** – Type the IP address of the gateway server that enables communication between the router and the remote network

**Interface** – Select the location of the Destination LAN IP address. Click Show Routing Tables to view available static routes

## Router Information

Use the information to make any desired customizations under

the topic Router Information.

## Router information

Firmware Version	0.01.03 build 0 Oct 30, 2018
Current Time	Thu, 30 Jan 2020 21:59:59 UTC
Internet MAC Address	00:A0:BC:7F:AC:DD
Host Name	SPOCK-7FACDC
Domain Name	ViaSatDomain

### **Firmware Version**

– The version number of the current software

### **Current Time –**

Local time

### **Internet MAC Address**

– The router's MAC address as seen from the Internet

### **Host Name – The**

host name of the router

**Domain Name –** The domain name of the router

# Local Network Setup

Use the information to make any desired customizations under the topic Local Network Setup.

## Local network setup

IP Address	192 . 168 . <input type="text" value="1"/> . <input type="text" value="1"/>
Subnet Mask	<input type="text" value="255.255.255.0"/> <span>▼</span>
DHCP Server	<input checked="" type="radio"/> Enabled <input type="radio"/> Disabled <a href="#">DHCP RESERVATION</a>
Start IP Address	192 . 168 . 1 . <input type="text" value="100"/>
Maximum Number Of Users	<input type="text" value="50"/>
IP Address Range	192 . 168 . 1 . 100 to 149
Client Lease Time	<input type="text" value="0"/> minutes (0 means one day)
Static DNS 1	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Static DNS 2	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Static DNS 3	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
WINS	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Domain Name	<input type="text" value="ViaSatDomain"/>

[DHCP CLIENT TABLE](#)

**IP Address** – The router’s local IP address

**Subnet Mask** – The router’s local subnet mask

**DHCP Server** –

Assigns dynamic IP addresses to the local network devices. To reserve the assigned IP address, click DHCP Reservation

**Start IP Address**

– Specifies the starting IP address for the range of available IP addresses

**Maximum Number of**

**Users** – Type the maximum number of available IP addresses

**IP Address Range** – The range of available IP addresses

**Connection Type** –

Automatic Configuration – DHCP

**Host Name** – Enter

a host name for the Router, if required by your ISP

**Internet IP Address**

– The router's local IP address as seen from the Internet

**Subnet Mask** – The

router's local subnet mask

**Default Gateway** –

The gateway used by the router



**Static DNS** (Domain Name Server) 1 – The IP address of the first DNS server

**Static DNS 2** – The IP address of the second DNS server

**DNS 3** – Blank

## **DDNS (Dynamic Domain Name Server)**

Use the information to make any desired customizations under the topic DDNS.

### DDNS

DDNS Service

Disabled



**DDNS Service** – Enable or disable the service

## **Time Settings**

Use the information to make any desired customizations under the topic Time Settings.

## Time settings

TimeZone

UTC

**TimeZone** – Setting the router's operating time zone

# Firewall

Use the information to make any desired customizations under the topic Firewall.

## Firewall

SPI Protection

Enabled  Disabled

Internet Filter

Filter Anonymous Internet Requests

Filter Multicast

Filter Internet NAT Redirection for IPv4 Internet Only

Filter IDENT (Port 113)

**SPI (Serial Peripheral Interface) Protection** – SPI firewall protection helps protect your local network from Internet threats

*Internet Filter* –

## Filters anonymous

**Internet requests** – This filter blocks Internet requests from unknown sources, such as ping requests

## Filter Multicast

– This filter blocks multicasting, which allows a single transmission to simultaneously reach specific recipients within your local network

**Filter Internet NAT (Network Address Translator) Redirection for IPv4 (Internet Protocol version 4) Internet Only** – This filter prevents a local computer from using a URL or Internet IPv4 address to access the local server

**Filter IDENT (Port 113)** – This filter keeps port 113 from being scanned by devices from the Internet

# VPN Passthrough

Use the information to make any desired customizations under the topic VPN Passthrough.

## VPN passthrough

IPSec Passthrough

Enabled  Disabled

PPTP Passthrough

Enabled  Disabled

L2TP Passthrough

Enabled  Disabled

**IPSec (Internet Protocol Security) Passthrough** – The VPN (Virtual Private Network) client(s) on the local network can establish an IPSec VPN tunnel through the Router

**PPTP (Point-to-Point Tunneling Protocol) Passthrough** – The VPN client(s) on the local network can establish a PPTP VPN tunnel through the Router

**L2TP (Layer 2 Tunneling Protocol) Passthrough** – The VPN client(s) on the local network can establish an L2TP VPN tunnel through the Router

## **Management**

Use the information to make any desired customizations under the topic Management.

# Management

## Local Access

Access Via Wireless

Enabled  Disabled

## UPNP

UPNP

Enabled  Disabled

User Configuration

Enabled  Disabled

User Disabled Internet Access

Enabled  Disabled

## Local Access

**Access Via** – HTTP (unsecure connection) and/or HTTPS (secure connection)  
**Access via Wireless** – To allow wireless access to the Router's browser-based utility

## UPnP (Universal

Plug n Play) – allows the appropriate operating system to automatically configure the Router for various applications, such as online gaming and VoIP calls

**Users Configuration** – If you want to be able to make manual changes to the Router while using the UPnP feature  
**Users Disable Internet Access** – To prevent local network users from disabling your Internet connection through the UPnP feature,

keep the default Disabled

## Back Up and Restore

Use the information to make any desired customizations under the topic Back Up and Restore.

### Back up and restore

BACK UP CONFIGURATION

RESTORE CONFIGURATION

**Back Up Configuration** – To back up the Router's configuration settings, click this option and follow the on-screen instructions

**Restore Configuration** – To restore the Router's configuration settings, click this option and follow the on-screen instructions (You must have previously backed up the Router's configuration settings)

## Bridge Mode

Use the information to make any desired customizations under the topic Bridge Mode.

# Bridge mode

Status

Enabled  Disabled

**Bridge Mode** – connects two routers to share network resources, or to act as an additional access point on an existing network.

## Cancel/Save Changes, Restore Factory Defaults

These buttons are just below the Advanced/Basic Settings toggle arrow, at the bottom of the Router Tab page.

RESTORE FACTORY DEFAULTS

CANCEL CHANGES

SAVE CHANGES

When all changes are complete, click **Save Changes** To cancel changes *before saving*, click **Cancel Changes**

To remove saved changes, click **Restore Factory Defaults**. All changes are removed.