

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 options: Wi-Fi Settings, Router Settings, Parental Controls, Modem, and Diagnostics. The main content area is titled "Modem/IFL Cable status" and includes a sub-menu for "Router Settings" and "Applications & Gaming".

Modem state

STATUS: Online (indicated by green checkmarks for signal strength, Wi-Fi, and Ethernet). ONLINE TIME: 003:21:30:39. LED: On - Blue.

General

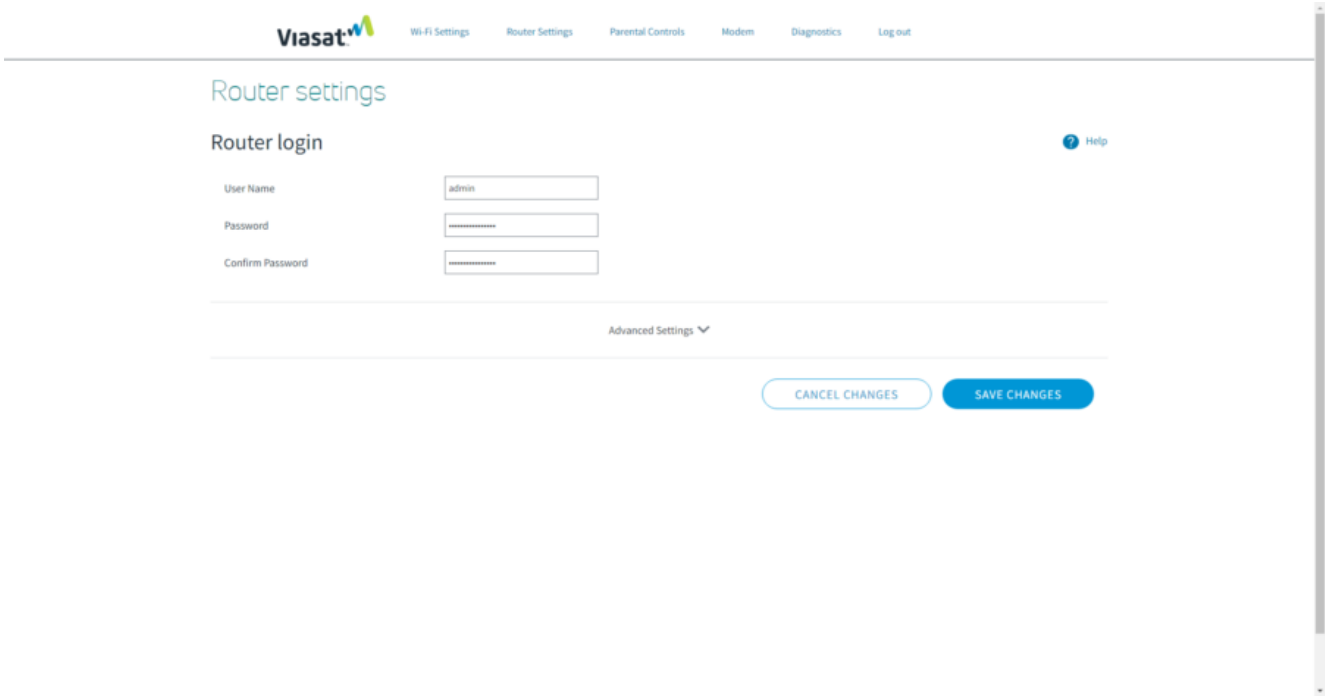
FL (RX) POWER: -0.8 dBm (represented by a bar chart). FL (RX) SNR: 9.7 dB (represented by a bar chart). PTRIA COMM STATUS: Connected (with a Wi-Fi icon). CABLE RESISTANCE: 3.5 Ohms (represented by a bar chart). CPU CORE TEMP: 93 °C / 199 °F (with a thermometer icon). PTRIA TEMPERATURE: 10 °C / 50 °F (with a thermometer icon). FL SYNC ATTEMPTS: 1. FAN SPEED (RPM): 0. PTRIA FAULTS: None. PTRIA GPS 3D FIX: On (with 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"/> ▼ |
| DHCP Server | <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled DHCP RESERVATION |
| 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.