

SecureFort Setup Guide

This guide provides step-by-step instructions to set up SecureFort on a Raspberry Pi 4B 64-bit device. Follow these steps carefully to ensure a successful installation.

Step 1: Create a Raspberry Pi 4B 64-bit Image

1. Download the Raspberry Pi OS (64-bit) image from the official Raspberry Pi website.
 2. Use a tool like [Raspberry Pi Imager](#) or [Balena Etcher](#) to flash the OS image onto a MicroSD card.
 3. Before writing the image, configure the following presets:
 - **Set the device name:** santoivpn-rp4
 - **Create a local user account:**
 - Username: admin
 - Password: Set a strong password.
 - **Enable SSH service:** Ensure SSH is enabled for remote access.
 4. Insert the MicroSD card into your Raspberry Pi 4B device.
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Step 2: Power Up and Connect the Device

1. Power up the Raspberry Pi by connecting it to a power source.
 2. Connect the Raspberry Pi to your external router using an Ethernet cable.
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Step 3: Find the Device IP Address

1. Log in to your external router's admin interface (usually accessible via a web browser at 192.168.1.1 or similar).
 2. Look up the IP address assigned to the device with the name santoivpn-rp4 (e.g., 192.168.1.3).
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Step 4: Transfer the SecureFort Package

1. On a computer or laptop with the Putty app installed, open a terminal or command prompt.
2. Use the SCP command to copy the SecureFort package to the Raspberry Pi:

```
scp ./SecureFortApp/* admin@192.168.1.3:Documents
```

Replace 192.168.1.3 with the IP address of your Raspberry Pi.

Step 5: Install SecureFort

1. SSH into the Raspberry Pi using the admin account:

```
ssh admin@192.168.1.3
```

2. Navigate to the Documents folder where the SecureFort package was transferred:

```
cd Documents
```

3. Execute the SecureFort installer script with elevated privileges:

```
sudo ./santoi-installer.bash
```

Step 6: Reboot and Configure WiFi (Optional)

1. Reboot the Raspberry Pi as prompted at the end of the installer script
 2. Disconnect the Ethernet cable and connect a WiFi USB-C adapter (e.g., FENVI AX1800 Wifi6 USB3.0 Adaptor) to the Raspberry Pi if desired.
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Step 7: Connect to the New WiFi Network

1. After the reboot, search for the new WiFi network ID: SANTOI RP4.
 2. Connect to the network using the default password: nokia8860.
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Step 8: Complete Setup Using the SecureFort User Guide

1. Follow the instructions in the **SecureFort User Guide** to configure Internet and VPN connections.

2. Ensure all settings are correctly applied and test the VPN connection for functionality.
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Troubleshooting Tips

- If you cannot find the device IP, ensure the Raspberry Pi is properly connected to the router.
 - If the SCP command fails, verify the IP address and ensure SSH is enabled on the Raspberry Pi.
 - If the WiFi adapter is not recognized, check compatibility and ensure drivers are installed.
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This concludes the SecureFort setup process. For further assistance, refer to the SecureFort documentation or contact support.