Raspberry PI - remote setup and control.

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Dataplicity - free plan allows control of one device.

Control your Raspberry PI from anywhere. Creates a tunnel for SSH.

Easy to setup, and easy to use over the website.

<https://www.dataplicity.com/>

Remot3.it - Free for personal use (as many devices as needed). Always setup for SSH or any other web service, works similar to Dataplicity. Almost as easy to setup. Use your raspberry pi on the website or your own ssh client or web browser.

<https://www.remot3.it/web/index.html>

<https://www.remot3.it/web/remot3-it-connect-for-raspberry-pi.html#>

Remot3.it was once called “Weaved” <https://www.instructables.com/id/Setup-Weaved-and-the-Raspberry-Pi/>

Ngrok - Secure tunnels to localhost - just simply works. Takes a little bit of understanding to set it up. <https://ngrok.com/> (Can also be used to expose ESP8266 or ESP32 devices without the need to open ports on the router). Adafruit tutorial <https://learn.adafruit.com/monitor-your-home-with-the-raspberry-pi-b-plus/access-your-pi-from-anywhere>

**Other Services (But not tried):**

<https://serveo.net/> Expose local servers to the internet. No installation, no signup. Uses SSH to tunnel.

Openport - Limited features for free plan. A free Cloud-based reverse SSH service. Openport builds a tunnel from your machine to the outside world.

<https://openport.io/>

Beame.io - Blockchain based PKI Identity Solutions - Expose local network applications through HTTPS tunnels with free SSL certificates for authenticated remote access.

<https://www.beame.io/>