# AMAZON LIGHT-SAIL



RODRIGO S. A.

TUTORIALS, TRICKS AND TOOLS

AWS and Lightsail are Amazon trademarks. This books is not affiliated with, sponsored or endorsed by Amazon, or in a manner that could reasonably be interpreted to suggest that this content has been authored or edited by Amazon, or represents their views or opinions.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, without the prior written permission of the author.

Limit of Liability/Disclaimer of Warranty: This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. It is sold with the understanding that neither the author nor the publisher is engaged in rendering legal, investment, accounting or other professional services. While the publisher and author have used their best efforts in preparing this book, they make no representations or warranties with respect to the accuracy or completeness of the contents of this book and specifically disclaim any implied warranties of merchantability or fitness for a particular purpose. No warranty may be created or extended by sales representatives or written sales materials. The advice and strategies contained herein may not be suitable for your situation. You should consult with a professional when appropriate. Neither the publisher nor the author shall be liable for any loss of profit or any other commercial damages, including but not limited to special, incidental, consequential, personal, or other damages.



# SAMPLE CHAPTER SETUP YOUR EMAILS

Amazon Lightsail does not include any email server, so you won't be able to just setup email account and passwords and use for example mail.yourdomain.com

You can still use your own domain for your emails by routing emails to Gmail or Zohomail.

Gmail is paid and you can sign up at <a href="https://gsuite.google.com/products/gmail/">https://gsuite.google.com/products/gmail/</a>

Zohomail has a free plan and you can sign up at <a href="https://www.zoho.com">https://www.zoho.com</a>

Note: Zohomail is free but with certain

limitations. For example: you cannot use POP/iMAP, only webmail and Android/iPhone apps. If you need POP/Imap you have to pay for premium services starting at \$1 per account per month.

Go to

<u>https://lightsail.aws.amazon.com/ls/webapp/home/networking</u> then click Manage.

If you are going to redirect your email to Google enter the following MX records



#### Tutorials, tips and tricks

aspmx.l.google.com 1 priority alt1.aspmx.l.google.com 5 priority alt2.aspmx.l.google.com 10 priority aspmx3.googlemail.com 10 priority

If you are going to use free Zohomail, enter the following MX records

mx.zoho.com 10 priority mx2.zoho.com 20 priority mx3.zoho.com 50 priority

If you have signed up for Zoho or Gmail and you have changed DNS MX records to point Gmail or Zoho, then everything is setup. Wait an hour or two and try to send an email

Note: there is still a small step you may want to complete. Inside DNS Zone, add records for DKIM and SPF. Example for Zohomail, add a text record with v=spf1 include:zoho.com ~all Zohomail could also

## AWS Amazon Lightsail

request another TXT DNS record to be added to verify that you own the domain.



# You may also like:



# FUN PROJECTS WITH ARDUINO

Arduino was a complete revolution in the electronic scene. It turned regular people into makers. With Arduino anyone is able to develop a device that combines software and hardware for personal or business uses.

But any new development requires a knowledge base to dominate and not everyone has the time and desire to real technical guides, specifications and take cryptic courses to learn programming languages and electronics.

This new book from Steadman Thompson Editorial propose to "learn by doing" with 8 exciting and super fun projects. What kind of projects? A traffic light, a retro handheld soccer game, a WiFi alarm, a small synth, a GPS tracker, a mini jukebox and more.

The book contains circuits, programming code and even enclosure files if you want to 3d print them, so your prototypes become professional projects

ready to be used.

With easy language and clear explanations, from the type of boards, to IDE installation and most used sentences, start today with Arduino and learn by doing.

>> Fun Projects with Arduino #1 <a href="https://amzn.to/3gyY9xM">https://amzn.to/3gyY9xM</a>



# INDEX

What is Amazon Lightsail	4
sign up and plans to choose	8
Other Lightsail services	13
Sign-up 16	
DNS and domain transfer	20
Setup your server 26	
PHP setup 31	
Manually install Wordpress	in LAMP
How to setup your emails	38
How to send emails from PF	HP 42
How to install SSL (for free)	46
Check Performance 53	
How to Backup and restore	56
mySQL databases 59	
Schedule script execution	67

33

#### Tutorials, tips and tricks

How to setup multiple domains 70
How to deal with bots 73
What if you need support? 83
Courtesy Shell Scripts 86
Final notes 88
View also 90
Index 93

### AWS Amazon Lightsail

AWS Amazon Lightsail Tutorials, tricks and tools Rodrigo S. A. Steadman Thompson Editorial