



BE YOUR OWN HOST

A demonstration of **SpinupWP** with **Linode**
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<https://tenseg.net/msspwp>

WHY DEMO THIS

Being your own host is pretty advanced, but **understanding** how this works will make you a better consumer of other hosting services.

Appropriate if you really want or need **control** of your hosting server.

OFF THE DEEP END

Since this step takes 5 - 10 minutes to complete, we are going to start the demo before we explain things.

We will **set up our server on Linode** and have **SpinupWP install the software** there.

Browser tabs: Create a Linode | SpinupWP | MSPWP Demo 1 | Dashboard < MSP | DNS | tenseg.net | Sending: Domain

Address bar: <https://cloud.linode.com/linodes/create>

Black Lives Matter. [Linode is committed to social justice and equality.](#)

linode

- Dashboard
- Linodes**
- Volumes
- Object Storage
- NodeBalancers
- Domains
- Marketplace
- Longview
- Kubernetes
- StackScripts
- Images
- Account
- Get Help

Choose a Distribution

Images

Ubuntu 18.04 LTS
x
v

Region

Determine the best location for your Linode. [Use our speedtest page](#) to find the best region for your current location.

Select a Region

Dallas, TX
v

Linode Plan

Nanode Standard Dedicated CPU High Memory GPU >

Nanode instances are good for low-duty workloads, where performance isn't critical.

Linode Plan	Monthly	Hourly	CPUs	Storage	Ram
● Nanode 1GB	\$5	\$0.0075	1	25 GB	1 GB

Linode Summary

Ubuntu
Ubuntu 18.04 LTS

US
Dallas, TX

Nanode 1GB
1 CPU, 25GB Storage, 1GB RAM

Linode Label
ubuntu-us-central

\$5.00/mo

Create

Linodes | Linode | x SpinupWP x MSPWP Demo 1 - x Dashboard < MSP x DNS | tenseg.net x Sending: Domain: x +

← → ↻ https://spinupwp.app/mspwp/servers/new ☆ ⓘ ⚙️ 👤 ⋮

Spin Up a New Server

Existing Server

Provider Name

Linode

IP Address

192.168.0.10

SSH Port

22

SSH Username

root

SSH Authentication

Password Public Key

Back Next

Helpful Hints


Connecting to Your Existing Server

Your freshly provisioned Ubuntu 18.04 x64 server must have SSH access enabled for the specified user. SSH login using password authentication is the easiest way, but if that's disabled, you will need to SSH to the server and add a public key to the default user.

Please note that SSH access for the default user will be disabled as part of the setup process as per SpinupWP's security best practice.

SSH Port

SSH Username



WHAT DOES A HOST DO

Maintains a **server**

Usually a Linux server with good network

Maintains a **software** stack on that server

You've heard of the "LAMP" stack

Maintains **WordPress** (sometimes)

Managed WordPress does this, otherwise you do

Provides basic **email** service

At least email from WordPress, sometimes more

SELF HOSTING

You set up a **server**

Keeping it running, providing redundant network

You install **software** stack on that server

Compatibility and then so many updates to track

You install and update **WordPress**

Pretty nice, fully in your control, caching painful

You arrange for basic **email** service

Above my pay grade, use Mailgun and Zoho

SHARED HOSTING

Host maintains a **server**

Shared with many accounts, gets slow

Host maintains a **software** stack

Usually OK, not always up-to-date

Host maintains **WordPress** (sometimes)

Add cruffy plugins, limit options, awkward updates

Host provides basic **email** service

Can be slow or treated as spam

LINODE & SPINUPWP

Linode maintains a **server**

Linode makes these easy to provision / manage

SpinupWP maintains a **software** stack

Linux, Nginx, PHP, MySQL, caching tools

SpinupWP installs **WordPress** (you update)

Pretty nice, fully in your control, well cached

You arrange for basic **email** service

Above my pay grade, use Mailgun and Zoho



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Dashboard

Linodes

Volumes

Object Storage

NodeBalancers

Domains

Marketplace

Longview

Kubernetes

StackScripts

Images

Account

Get Help



Linodes



dora

Ubuntu 18.04 LTS, Linode 2GB: 1 CPU, 50GB Storage, 2GB RAM

Dallas, TX

Volumes

No items to display.

NodeBalancers

No items to display.

Domains



ediblecleveland.com

master



friendsofstjoseph.org

master



goodgroundpress.com

master



goodgroundpressstore.com

master



peacehousecommunity.org

master

Monthly Network Transfer Pool

20 GB Used

1980 GB Available

Your transfer is prorated and will reset next month



Back Up Your Data and Keep it Safe

Linode Backup Auto-Enrollment

If you enable this global setting, new Linodes will be automatically enrolled in the Backups service.

Blog [Read More](#)

Introducing Linode LIVE!

A new series that shares new and exciting content, provides a behind-the-scenes look into what's going on at Linode, and connects you with leaders in cloud computing.

Linode Kubernetes Engine Now Available in Tokyo, Frankfurt, and





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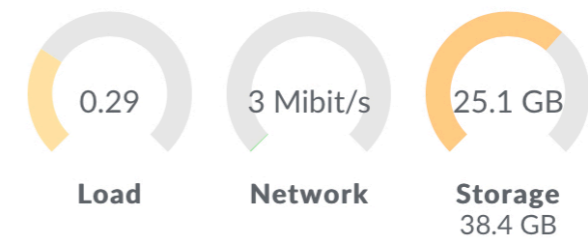
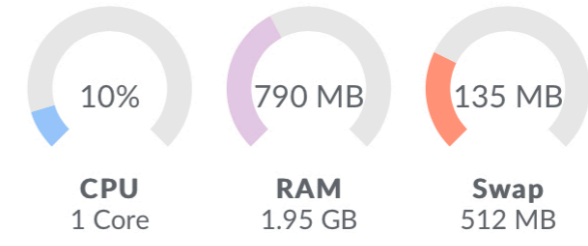
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- Overview
- Processes
- Network
- Disks
- Nginx
- MySQL
- Installation

longview234911

dora.tenseg.net
Up 9d 12h 23m

- Ubuntu 18.04 (Linux 4.15.0-101-generic)
- AMD EPYC 7601 32-Core Processor
1 Core
- 1.95 GB RAM
512 MB Swap
- 38.4 GB Storage
13.3 GB Available
- All packages up to date



Top Processes

[View Details](#)

Process	CPU	Memory
redis-server	0.23%	79 MB
php-fpm7.3	0.22%	71 MB



Dashboard

Spin Up a New Server

dora.tenseg.net

+ Add Site

STATUS	DOMAIN	SITE USER	PHP	
	ediblecleveland.com	ediblecleveland	7.3	
	ggp.tenseg.net	ggp	7.3	
	goodgroundpress.com	goodgroundpress	7.3	
	spin.tenseg.net	spin	7.3	
	wp.tenseg.net	wpu	7.3	



- HTTPS
- Nginx
- SFTP & SSH
- Backups

Settings

Primary Domain

wp.tenseg.net

Public Folder

/

Additional Domains

friendsofstjoseph.org

www.friendsofstjoseph.org

www.storyingfaith.org

storyingfaith.org

peacehousecommunity.org

www.peacehousecommunity.org

+ Add Domain

PHP Version

7.3

Save

- Sites
- Network Admin: Tenseg Network
- Howdy, EFC
- Dashboard
- Sites**
- All Sites
- Add New
- Users
- Themes
- Plugins
- Settings
- Sucuri Security
- Collapse menu

Sites [Add New](#)

Screen Options Help

All (4) | Public (2)

 [Search Sites](#)

Bulk Actions [Apply](#)

4 items

<input type="checkbox"/>	URL	Last Updated	Registered	Users
<input type="checkbox"/>	wp.tenseg.net — Main	2020/01/26	2020/01/26	3
<input type="checkbox"/>	friendsofstjoseph.org	2020/03/19	2020/02/23	2
<input type="checkbox"/>	storyingfaith.org	2020/04/16	2020/04/16	3
<input type="checkbox"/>	peacehousecommunity.org	2020/06/07	2020/05/04	4

<input type="checkbox"/>	URL	Last Updated	Registered	Users
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Bulk Actions [Apply](#)

4 items

cloud.linode.com/linodes/18582486/summary

linode

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Summary Volumes Networking Resize Rescue Rebuild Backups Activity Settings

Ubuntu 18.04 LTS, Linode 2GB: 1 CPU, 50GB Storage, 2GB RAM

Volumes: 0, Region: Dallas, TX

IP Addresses
45.79.53.78
2600:3c00::f03c:92ff:fe55:435

Activity Feed [View More Activity](#)

Linode dora could not be booted by the Lassie watchdog service. (3 minutes, 36 seconds)
2020-05-31 23:07:03

Linode dora has been booted (Host initialization)
2020-05-31 23:03:30

Linode dora has been rebooted with console access. (25 minutes, 18 seconds)
2020-05-31 22:42:28

Linode dora has been booted by the Lassie watchdog service.
2020-05-22 17:00:25

Linode dora has been booted by the Lassie watchdog service.
2020-05-08 11:56:08

Last 24 Hours

spinupwp.app/events

4 Jun 2020 01:29	dora.tenseg.net	Performing goodgroundpress.com backup	✓	View
3 Jun 2020 02:07	dora.tenseg.net	Performing spin.tenseg.net backup	✓	View
3 Jun 2020 01:29	dora.tenseg.net	Performing goodgroundpress.com backup	✓	View
3 Jun 2020 00:26	dora.tenseg.net	Renewing certificate for ediblecleveland.com	✓	
3 Jun 2020 00:22	dora.tenseg.net	Renewing certificate for goodgroundpress.com	✓	
3 Jun 2020 00:16	dora.tenseg.net	Renewing certificate for ggp.tenseg.net	✓	
3 Jun 2020 00:07	dora.tenseg.net	Renewing certificate for spin.tenseg.net	✓	
2 Jun 2020 02:07	dora.tenseg.net	Performing spin.tenseg.net backup	✓	View
2 Jun 2020 01:28	dora.tenseg.net	Performing goodgroundpress.com backup	✓	View
2 Jun 2020 00:35	dora.tenseg.net	Updating additional domains for wp.tenseg.net	✓	
1 Jun 2020 03:41	dora.tenseg.net	Rebooting server dora.tenseg.net	✗	View
1 Jun 2020 02:06	dora.tenseg.net	Performing spin.tenseg.net backup	✓	View
1 Jun 2020 01:28	dora.tenseg.net	Performing goodgroundpress.com backup	✓	View



Browser tabs: mspwp-d1 - Summary | Linode, SpinupWP, DNS | tenseg.net | Account | Clo

Address bar: <https://spinupwp.app/mspwp/sites/new?server=6017>



New Site

Domains > Installation > Database > Settings > Confirm

Enable HTTPS (SSL/TLS certificates)

Primary Domain

Additional Domains

[+ Add Domain](#)

[Cancel](#) [Next](#)

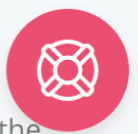
Helpful Hints

Domains

HTTPS

Primary Domain

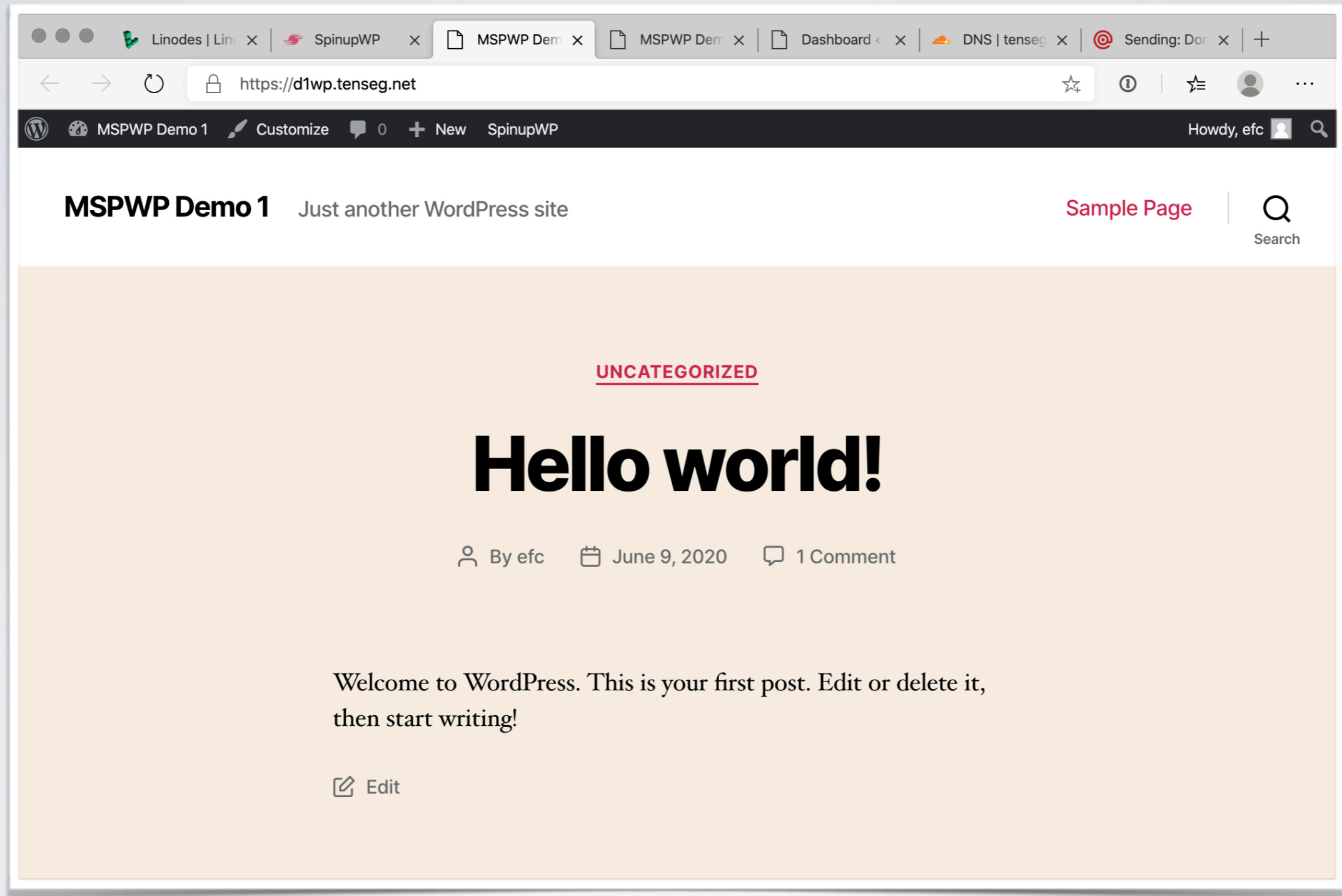
A site may be set up to work with multiple domain names (e.g. WordPress multisite), but the Primary Domain is used as the name of the site in SpinupWP and on your server. It will show up in your list of sites in SpinupWP and will be used as the name of folders and config files on your server. It's common to enter example.com here and then add www.example.com in the list of Additional Domains. You can change the

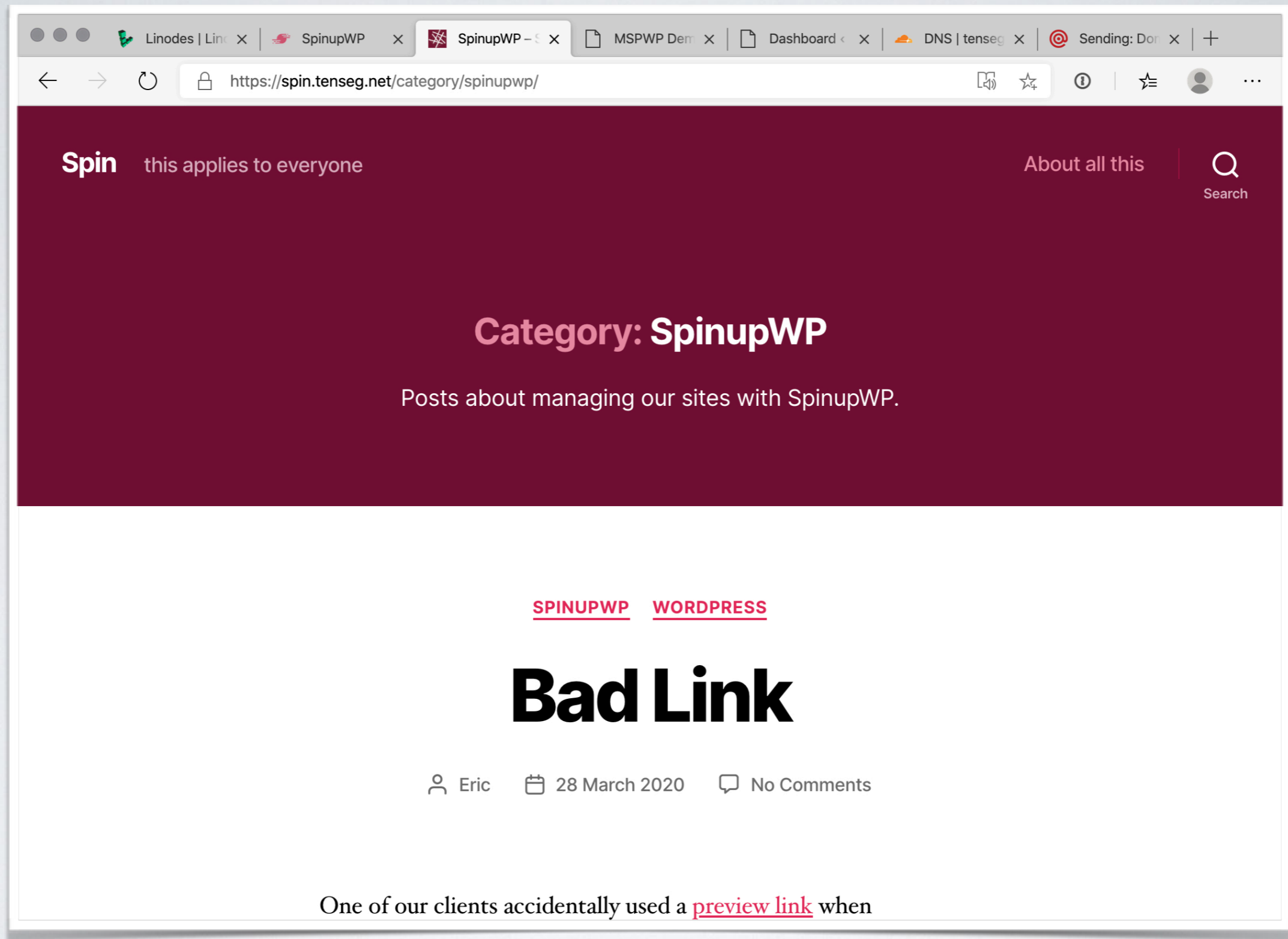


The screenshot shows a web browser window with the SpinupWP dashboard. The browser tabs include 'mispwp-d1 - Summary | Linode', '[10/10] SpinupWP', and 'DNS | tenseg.net | Account | Clo'. The address bar shows 'https://spinupwp.app/mispwp/sites/27135'. The dashboard header features the SpinupWP logo, a 'Dashboard' link, a search icon, a settings icon with a notification badge, and a user profile 'MSPWP Demo MD'. A sidebar on the left has a 'Back to Server' link. The main content area displays a table for the site 'd1wp.tenseg.net' with columns for 'SITE USER' (d1wp), 'SERVER' (d1.tenseg.net), and 'IP ADDRESS' (96.126.112.113). Below the table is a 'Creating New Site' progress indicator with a circular progress bar and a '1m 2s' timer. A terminal window shows the following log output:

```
[1/10] Installing PHP 7.4 (skipping, already installed) ✓  
[2/10] Creating site directories ✓  
[3/10] Configuring logrotate ✓  
[4/10] Adding site to Nginx ✓  
[5/10] Downloading WordPress ✓  
[6/10] Installing WordPress ✓  
[7/10] Installing WordPress plugins ✓  
[8/10] Configuring WordPress cron ✓  
[9/10] Enabling HTTPS ✓  
[10/10] Enabling full page cache...
```

A red circular icon with a white gear symbol is located in the bottom right corner of the terminal window.





see spin.tenseg.net for a few tips

The screenshot shows a web browser window with the following elements:

- Browser Tabs:** Linodes, SpinupWP, Setting Up, SpinupWP, Mailgun, Dashboard, DNS, Sending.
- Address Bar:** <https://spinupwp.com/doc/setting-up-transactional-email-wordpress/>
- Page Header:** SpinupWP logo and a red hamburger menu icon.
- Left Sidebar:** A navigation menu with the following items: GETTING STARTED, SERVERS, SITES (highlighted in red), GIT, TEAMS, and CHANGELOG. Each item has a right-pointing arrow.
- Main Content Area:**
 - # Setting Up Site Email for WordPress
 - WordPress will often need to send emails to you or your users. These emails are known as transactional email, and common ones include:
 - Admin notifications
 - New user signups and password resets
 - Purchase receipts and order updates (WooCommerce, Easy Digital Downloads, etc.)
 - Form submission emails from form plugins
 - Email servers are **notoriously difficult** to set up. Not only do you need to ensure that emails successfully hit your recipient's inboxes, but you also have to consider how to handle spam and viruses (sent as email attachments). For that reason, SpinupWP does not configure your server to send or receive emails. Instead, we recommend that you use an email sending service, such as [Mailgun](#) or [Amazon SES](#).
 - This article will outline how to configure your WordPress site to send transactional emails via popular email providers:
 - [Mailgun](#)
- Bottom Right:** A red circular icon containing a white fire hydrant symbol.

WHY WE LIKE SPINUPWP

Super **easy** to create new and clone sites.

Great **isolation** between sites.

Enforces **SSH keys** for command-line access.

Very **helpful** email and web documentation.

BENEFITS

Really **fast** sites.

Wonderful **communication** and **support**.

Full **control** of the sites and server.

Fewer **points of failure**.

The screenshot shows the SpinupWP pricing page with three plans: TEAM, PERSONAL, and STARTER. Each plan includes a list of features and a launch discount for the first 3 months.

Plan	Price (per month)	Launch Discount (first 3 months)	Features
TEAM	\$29	\$39	<ul style="list-style-type: none"> Unlimited Sites All Features Limited Email Support 3 Servers (\$5/month per additional server) Team Features
PERSONAL	\$14	\$19	<ul style="list-style-type: none"> Unlimited Sites All Features Limited Email Support 3 Servers (\$5/month per additional server)
STARTER	\$9	\$12	<ul style="list-style-type: none"> Unlimited Sites All Features Limited Email Support 1 Server

sign up via tenseg.net/spinupwp to give us a referral and get a **\$50 credit** after 30 days

Dashboard x View and x Setting Up x SpinupWF x Mailgun x Dashboard x DNS | ten: x Sending: | x

← → ↻ <https://www.linode.com/pricing/> ☆ ⓘ ⋮

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Compute Storage Networking Services Compare Pricing What's Included FAQs

Standard Plans

Virtual Machines With Balanced Power and Performance

[Learn More >](#)

RAM	CPU	Storage	Transfer	Network In	Network Out	Price
2 GB	1 Core	50 GB SSD	2 TB	40 Gbps	2000 Mbps	\$10 / mo (\$.015 / hr)
4 GB	2 Cores	80 GB SSD	4 TB	40 Gbps	4000 Mbps	\$20 / mo (\$.03 / hr)
8 GB	4 Cores	160 GB SSD	5 TB	40 Gbps	5000 Mbps	\$40 / mo (\$.06 / hr)
16 GB	6 Cores	320 GB SSD	8 TB	40 Gbps	6000 Mbps	\$80 / mo (\$.12 / hr)
32 GB	8 Cores	640 GB SSD	16 TB	40 Gbps	7000 Mbps	\$160 / mo (\$.24 / hr)

sign up via tenseg.net/linode to give us a referral, use promo code **coreint2020** for **\$20 credit**

OUR MONTHLY COSTS

Linode: \$**12.50** (standard 2GB + backups)

SpinupWP: \$**12.00** (one server)

Mailgun: ? (not been charged yet)

Total: \$**24.50** or roughly **\$5 per client site**

KEEP IN MIND

Full control of the sites and server, so you **can really screw this up.**

Fewer **points of failure**, and you are really the most likely one.

Own arrangements for **email** and **backup.**



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Eric Celeste / Tenseg LLC / efc@tenseg.net
<https://tenseg.net/msspwp>