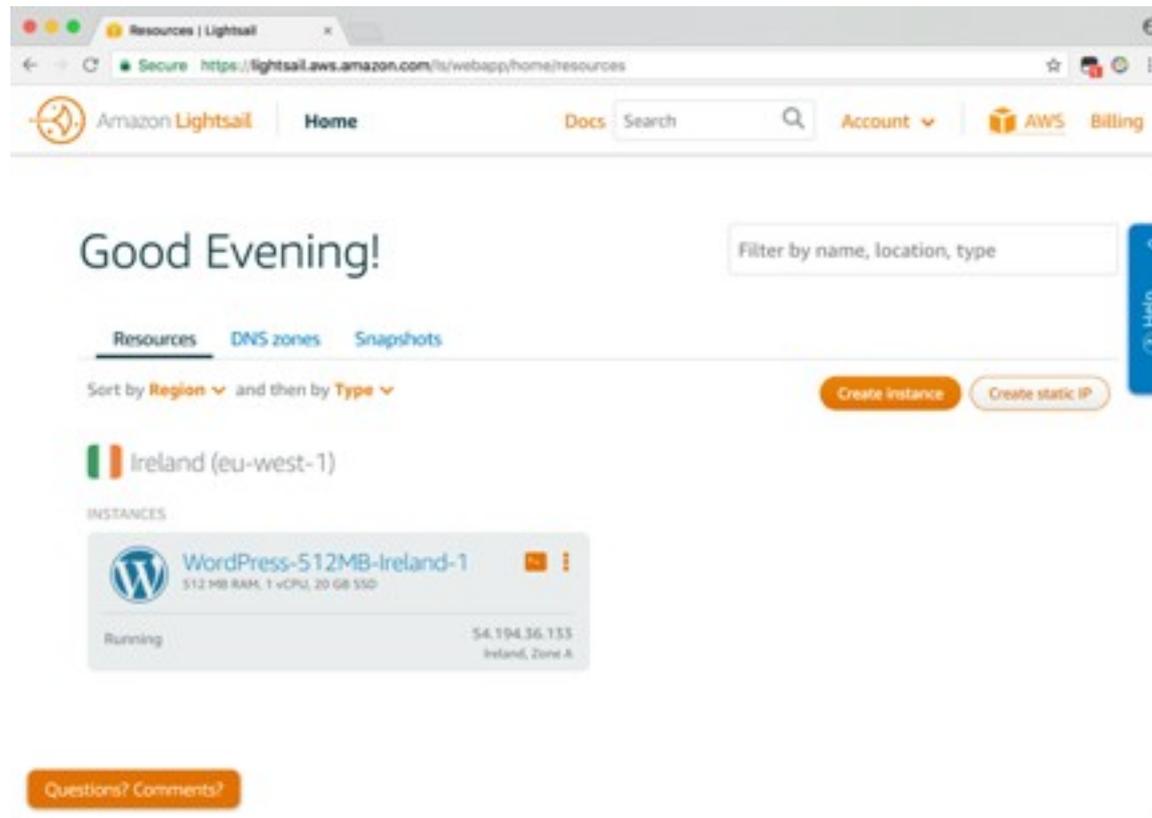


Build Your Online Presence with Wordpress

Katja Legisa

What is Amazon Lightsail?

Designed to be the easiest way to launch and manage a server with AWS.



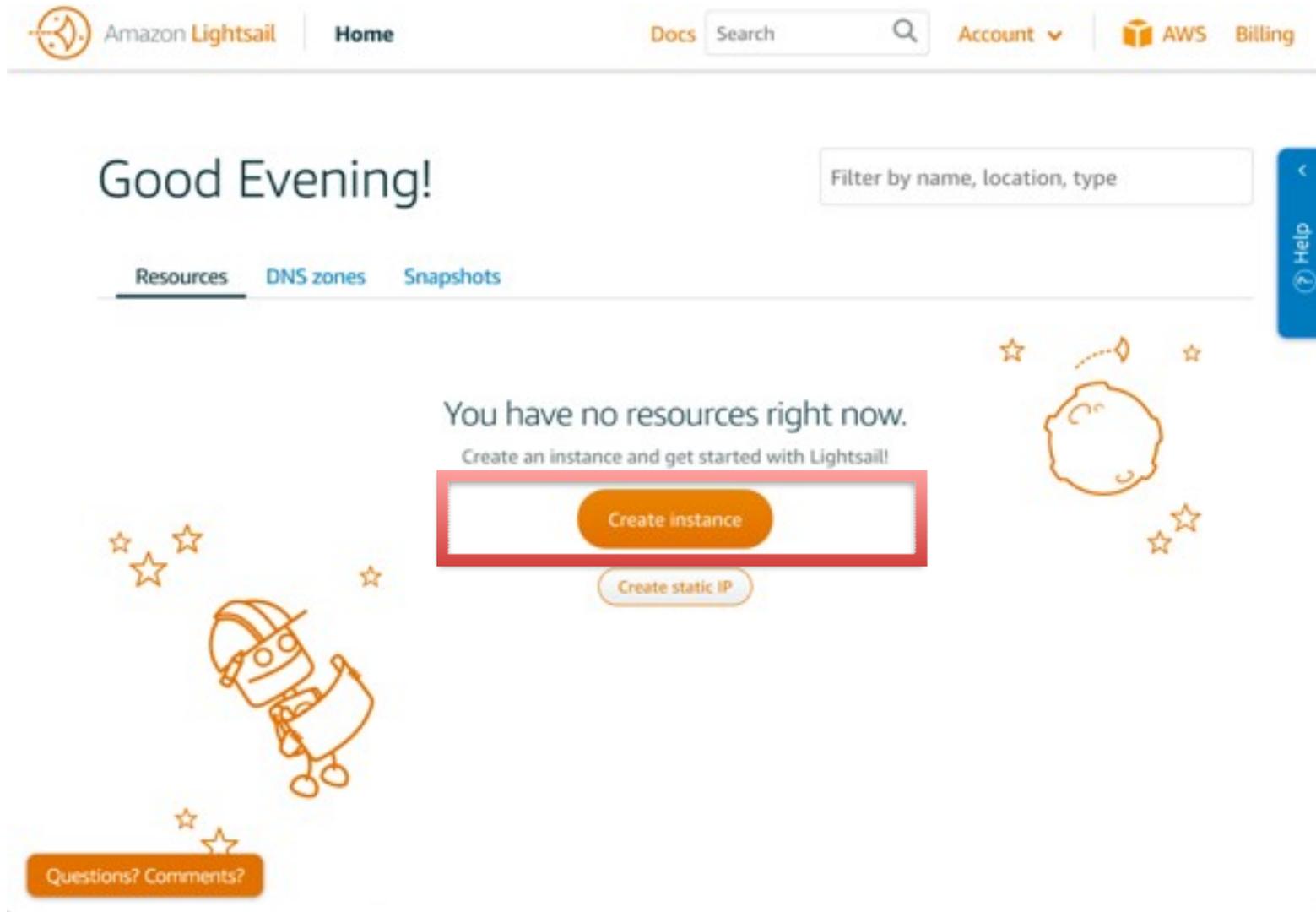
Steps

1. Create an AWS Lightsail instance (server) with WordPress installed on it
2. Connect to your instance and get the password for the admin panel of WordPress
3. Log in your admin panel and add your first post

Open Lightsail and log in

- Go to <http://lightsail.aws.amazon.com/>

Click “Create instance”



The screenshot shows the Amazon Lightsail console interface. At the top, there is a navigation bar with the Amazon Lightsail logo, a 'Home' link, a 'Docs' link, a search bar, an 'Account' dropdown menu, and links for 'AWS' and 'Billing'. Below the navigation bar, the main content area displays a greeting 'Good Evening!' and a filter input field labeled 'Filter by name, location, type'. A horizontal menu contains links for 'Resources', 'DNS zones', and 'Snapshots'. The central message states 'You have no resources right now. Create an instance and get started with Lightsail!'. Two buttons are visible: 'Create instance' and 'Create static IP'. The 'Create instance' button is highlighted with a red rectangular box. The page is decorated with cartoonish orange line-art illustrations of a robot, a planet, and stars. A 'Help' button is located on the right side of the page.



Create an instance



Instance location [?](#)



You are creating this instance in **Virginia, Zone A** (us-east-1a).

[Change Region and zone](#)

Pick your instance image [?](#)

Apps + OS

OS Only



WordPress
4.7.5



LAMP Stack
5.6.30-2



Node.js
7.10.0



Joomla
3.7.1



Magento
2.1.7



MEAN
3.4.4



Drupal
8.3.2



GitLab CE
9.1.4



Redmine
3.3.3



Nginx
1.10.3

Questions? Comments?

Scroll down and click “Create”

The screenshot shows the Amazon Lightsail console interface. At the top, there is a navigation bar with 'Amazon Lightsail', 'Home', 'Docs', a search bar, 'Account', 'AWS', and 'Billing'. Below this, five instance plans are displayed, each with a 'month' label and a price per hour. The plans are:

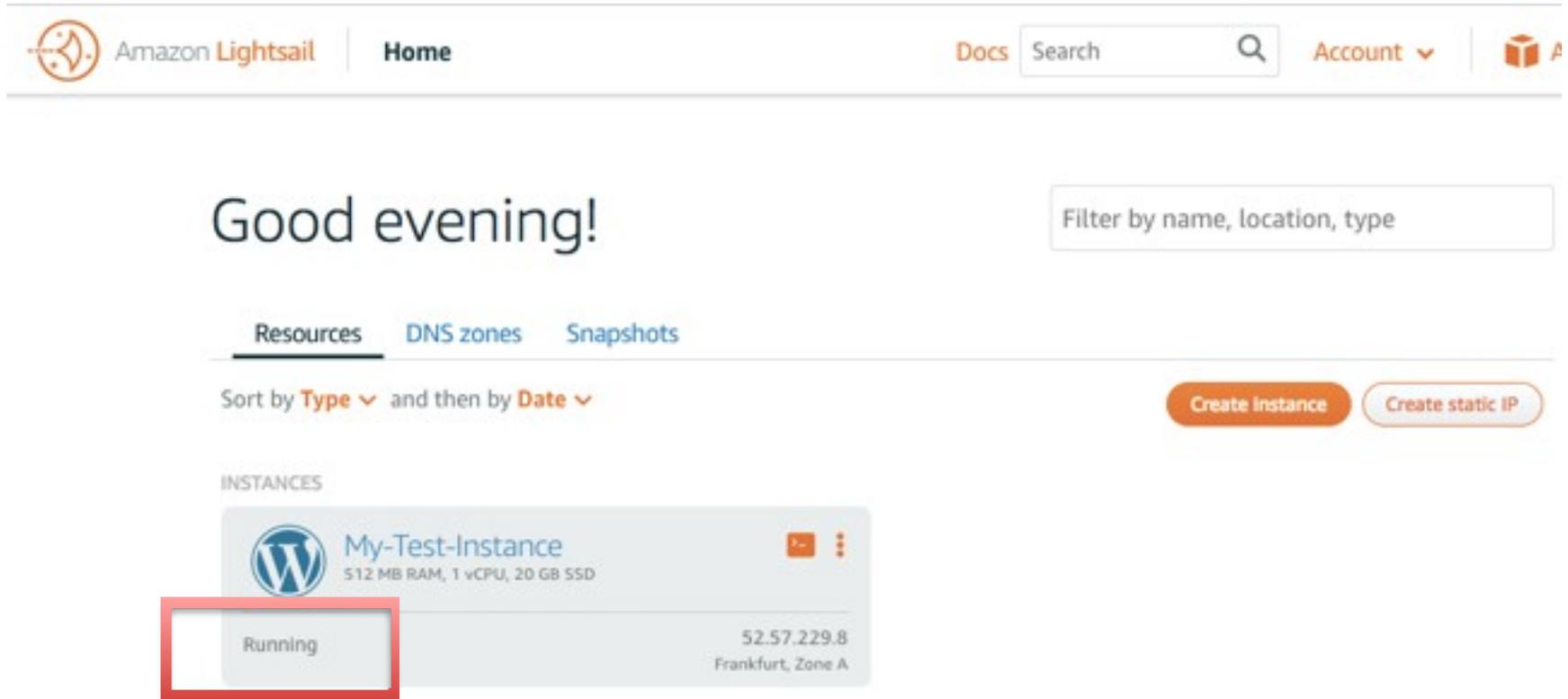
Plan	Price / hour	RAM	vCPU	SSD	Data Transfer
512 MB RAM	\$0.007	512 MB	1	20 GB	1TB
1 GB RAM	\$0.013	1 GB	1	30 GB	2TB
2 GB RAM	\$0.027	2 GB	1	40 GB	3TB
4 GB RAM	\$0.054	4 GB	2	60 GB	4TB
8 GB RAM	\$0.108	8 GB	2	80 GB	5TB

Below the plans, a message states: "You can try the selected plan free for one month (up to 750 hours)." The next section is titled "Name your instance" and includes the instruction: "Your Lightsail resources must have unique names." A text input field contains "WordPress-512MB-Virginia-1" and a quantity selector shows "x 1". At the bottom, a large orange "Create" button is highlighted with a red rectangular box. Below the button, a link states: "Your use of AWS services is subject to the [AWS Customer Agreement](#)."

Questions? Comments?

<https://lightsail.aws.amazon.com/ls/webapp/home>

Wait a few minutes until the status of your instance is “Running” and then click on the instance



The screenshot shows the Amazon Lightsail console interface. At the top, there is a navigation bar with the Amazon Lightsail logo, a 'Home' link, 'Docs', a search bar, and an 'Account' dropdown menu. Below the navigation bar, a large heading says 'Good evening!' followed by a search filter box labeled 'Filter by name, location, type'. Underneath, there are tabs for 'Resources', 'DNS zones', and 'Snapshots'. A sorting section indicates 'Sort by Type' and 'and then by Date'. On the right side, there are two buttons: 'Create Instance' and 'Create static IP'. The main content area is titled 'INSTANCES' and displays a single instance card for 'My-Test-Instance'. The instance card includes a WordPress logo, the instance name, and specifications: '512 MB RAM, 1 vCPU, 20 GB SSD'. The status 'Running' is highlighted with a red rectangular box. To the right of the status, the public IP address '52.57.229.8' and the location 'Frankfurt, Zone A' are visible.

Copy the IP address and paste it in your browser

Amazon Lightsail Home Docs Search Account AWS Billing

WordPress-512MB-Virginia-1
512 MB RAM, 1 vCPU, 20 GB SSD
WordPress
Virginia, Zone A (us-east-1a)
Status: **Running**

Connect Metrics Networking Snapshots

Connect securely using your browser

Connect using SSH

Connect using your preferred SSH client

You can connect to your instance using the following address and

Public IP [?](#)
34.201.25.38

When you connect with your client, you will also need the private key file.

You configured this instance to use the **default (us-east-1)** key pair.
You can download your default private key from the [Account page](#).

Questions? Comments?

user's Blog - Just another WordPress site
34.201.25.38

USER'S BLOG!
Just another WordPress site

**Congratulations, you have your blog running!
Now let's get access to your Wordpress admin
panel, so that you can customize your blog.**

In Lightsail, click “Connect using SSH” and wait for the black terminal screen to appear.

The screenshot displays the Amazon Lightsail console for an instance named "WordPress-512MB-Virginia-1". The instance is running and has a status of "Running". The console shows various tabs for instance management, including "Connect", "Metrics", "Networking", "Snapshots", "History", and "Delete".

Under the "Connect" tab, there are two options for connecting to the instance:

- Connect securely using your browser**: This option includes a button labeled "Connect using SSH", which is highlighted with a red box and a red arrow pointing to the terminal window.
- Connect using your own SSH client**: This option provides the public IP address (34.201.25.38) and the user name (bitnami).

The terminal window shows the following output:

```

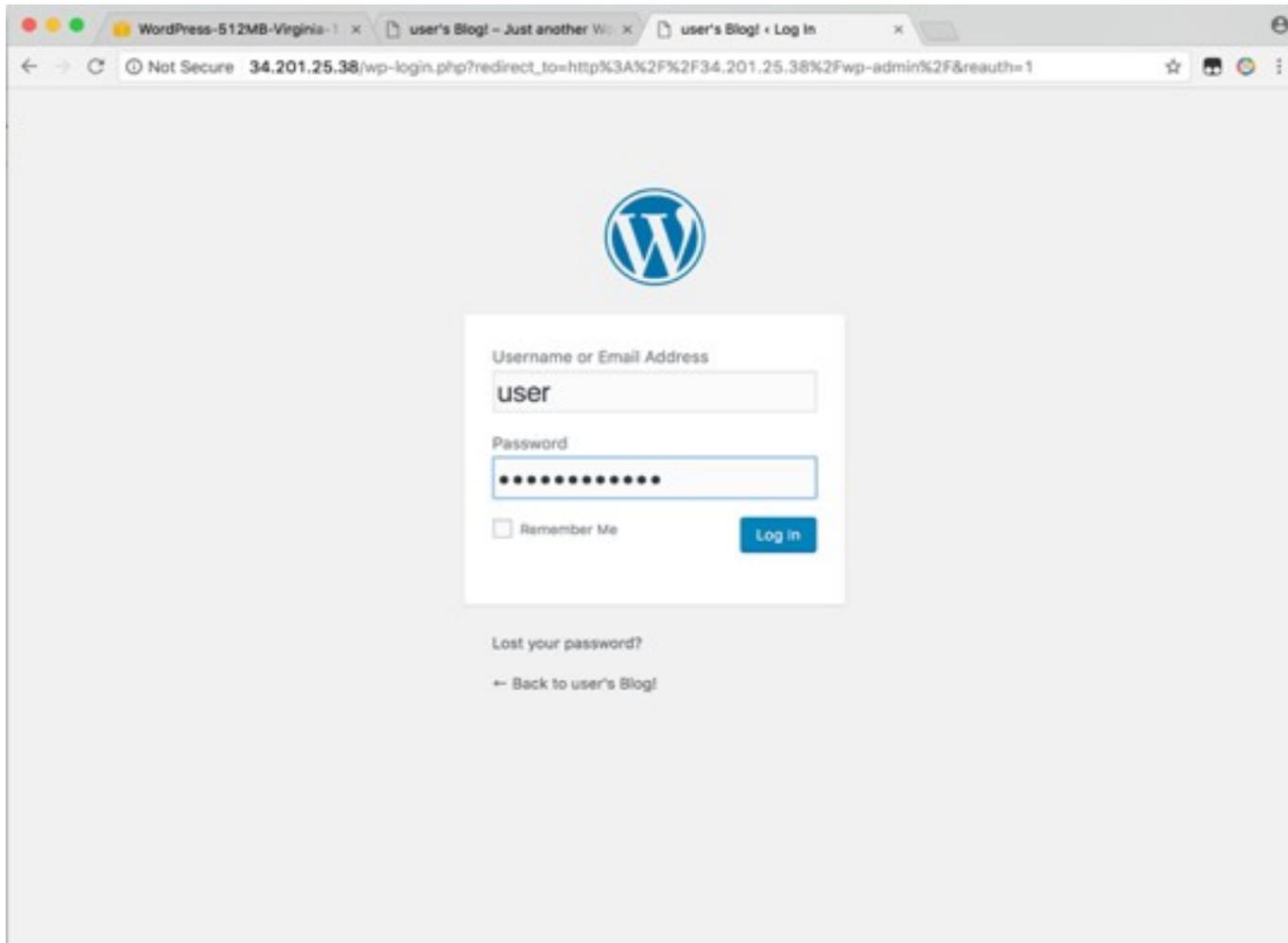
Welcome to Ubuntu 14.04.5 LTS (GNU/Linux 3.13.0-119-generic x86_64)

  bitnami

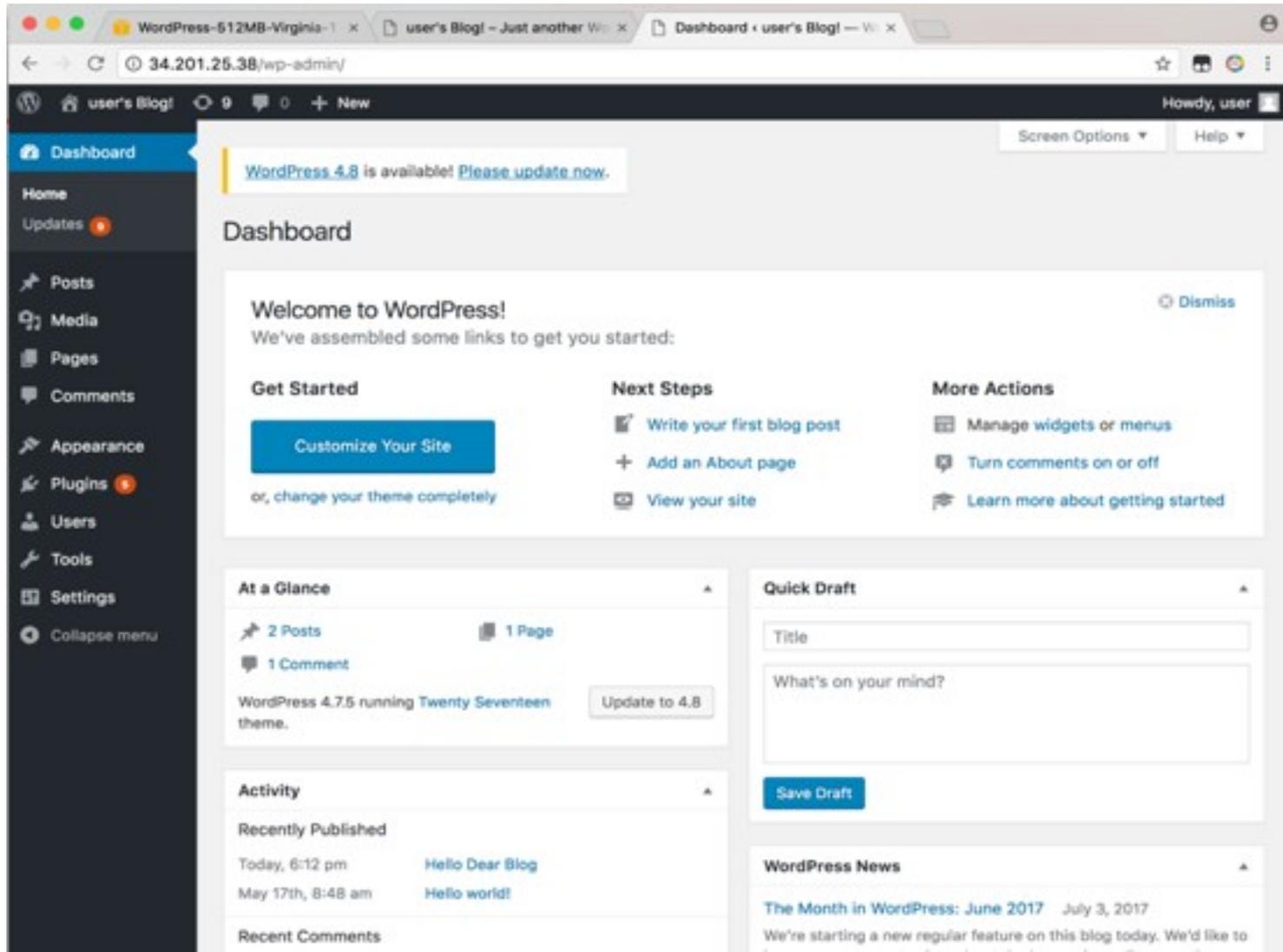
 *** Welcome to the Bitnami WordPress 4.7.5-0 ***
 *** Documentation: https://docs.bitnami.com/aws/apps/wordpress/ ***
 *** https://docs.bitnami.com/aws/ ***
 *** Bitnami Forums: https://community.bitnami.com/ ***
Last login: Thu Jul 6 18:10:33 2017 from 72.21.217.82
bitnami@ip-172-26-5-211:~$ cat bitnami_application_password
61107Vyh7jUS
bitnami@ip-172-26-5-211:~$
  
```

At the bottom of the terminal window, the instance details are shown: "WordPress-512MB-Virginia-1" with Public IP: 34.201.25.38 and Private IP: 172.26.5.211.

In a new browser tab open same IP address + /wp-admin (for example, 34.291.25.38/wp-admin). Press enter.
Use the username “user” and the password you obtained from the previous step.



Congratulations, you now have access to the admin panel of your blog!



The screenshot shows the WordPress admin dashboard for a user named 'user'. The browser address bar indicates the URL is `34.201.25.38/wp-admin/`. The dashboard features a dark sidebar with navigation options: Dashboard, Home, Updates, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, and Collapse menu. The main content area displays a notification for WordPress 4.8, a 'Welcome to WordPress!' message, and three columns of quick actions: 'Get Started' (Customize Your Site), 'Next Steps' (Write your first blog post, Add an About page, View your site), and 'More Actions' (Manage widgets or menus, Turn comments on or off, Learn more about getting started). Below these are sections for 'At a Glance' (2 Posts, 1 Page, 1 Comment, WordPress 4.7.5 running Twenty Seventeen theme, Update to 4.8), 'Quick Draft' (Title, What's on your mind?, Save Draft), 'Activity' (Recently Published: Hello Dear Blog, Hello world!), and 'WordPress News' (The Month in WordPress: June 2017 July 3, 2017).

Add Your First Post!

- In the left pane select Posts
- Click the “Add New” button
- After you are ready with your first post click the ”Publish” button

WordPress 4.8 is available! [Please update now.](#)

Posts **Add New**

All (1) | Published (1) | Trash (1)

Bulk Actions All dates 1 item

<input type="checkbox"/>	Title	Author	Categories	Tags		Date
<input type="checkbox"/>	Hello world!	user	Uncategorized	—		Published 2017/05/17
<input type="checkbox"/>	Title	Author	Categories	Tags		Date

Bulk Actions 1 item

Thank you for creating with [WordPress](#). [Get Version 4.8](#)

WordPress 4.8 is available! [Please update now.](#)

Add New Post

My First Post

Permalink: <http://34.201.25.38/2017/07/06/my-first-post/> [Edit](#)

[Add Media](#) Visual Text

Paragraph **B** *I*

Hello everyone,

This is my first post

Word count: 7 Draft saved at 6:51:28 pm.

Publish

[Save Draft](#) [Preview](#)

Status: **Draft** [Edit](#)

Visibility: **Public** [Edit](#)

[Publish immediately](#) [Edit](#)

[Move to Trash](#) [Publish](#)

Format

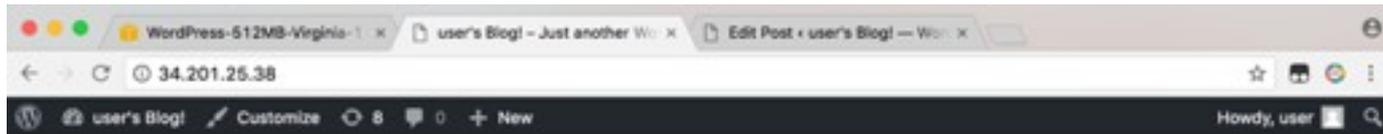
- Standard
- Aside
- Image
- Video
- Quote
- Link
- Gallery
- Audio

Categories

[All Categories](#) [Most Used](#)

Uncategorized

[+ Add New Category](#)



POSTS

JULY 6, 2017 [EDIT](#)

My First Post

Hello everyone,

This is my first post!

MAY 17, 2017 [EDIT](#)

Hello world!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!



RECENT POSTS

My First Post

Hello world!

RECENT COMMENTS

A WordPress Commenter on Hello world!

ARCHIVES

July 2017

May 2017

CATEGORIES

Uncategorized

META

[Site Admin](#)

[Log out](#)



Explore WordPress

- Browse and see what you can do
- Add a new user with your name
- Change the theme of WordPress
- Add a category

Change Username

- Add new - admin (remember new username & psw)
- Log out. Log in into the new one. Delete the old one.

The screenshot shows the WordPress admin interface for the 'Users' page. The browser address bar indicates the URL is 18.197.64.96/wp-admin/users.php. The page title is 'Users' and it shows 'All (1) | Administrator (1)'. There is a search bar and a 'Search Users' button. Below the search bar, there are bulk action buttons: 'Bulk Actions', 'Apply', 'Change role to...', and 'Change'. The table below shows one user:

<input type="checkbox"/>	Username	Name	Email	Role	Posts
<input type="checkbox"/>	Kati	Kat Leg	katja81@libero.it	Administrator	2

Below the table, there are more bulk action buttons: 'Bulk Actions', 'Apply', 'Change role to...', and 'Change'. The page indicates '1 item'.

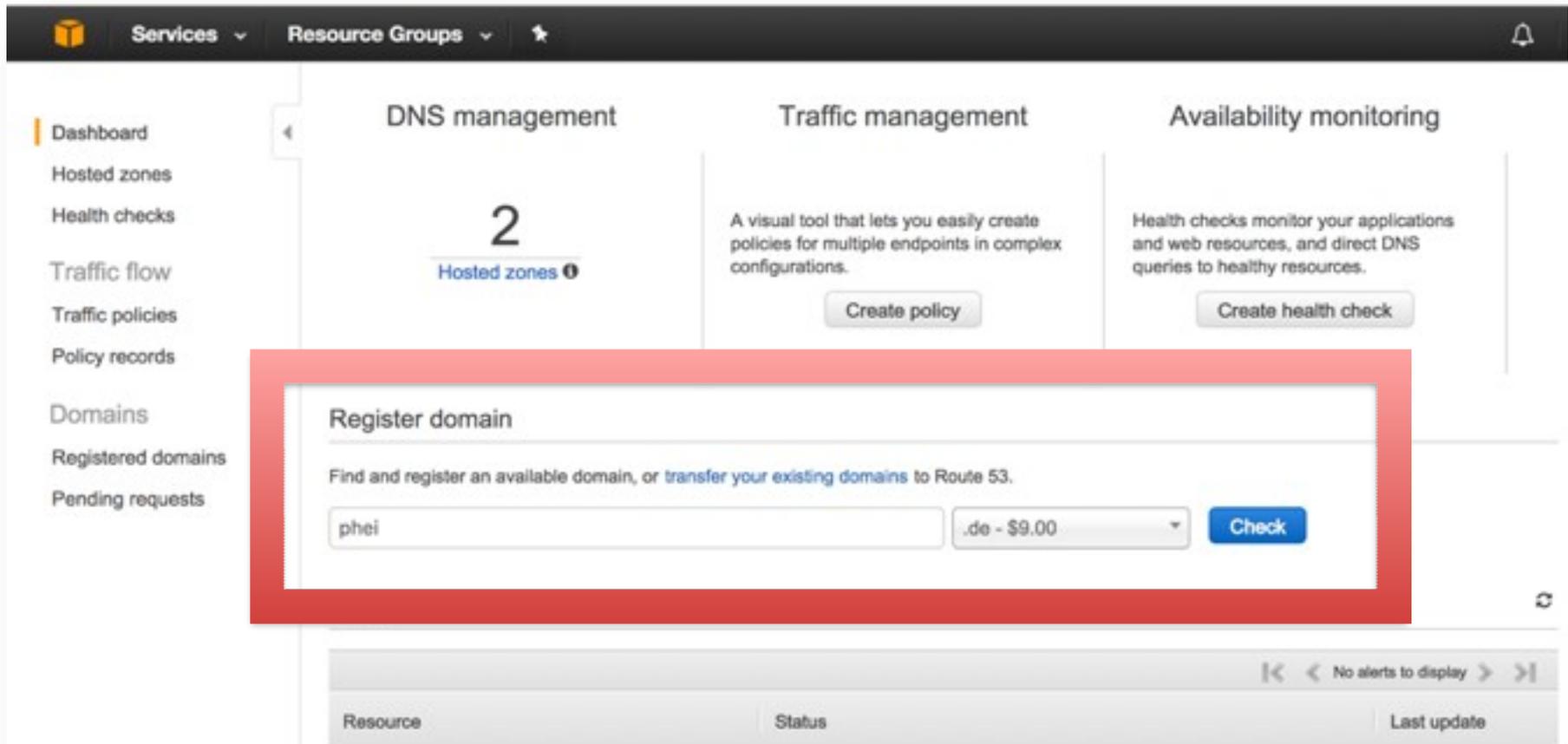
Domain name

Overview:

1. Buy a domain name (Route 53)
2. Use Lightsail to point the domain name to your server
3. Verify ownership of the domain by adding a special record in it

Buy domain name

<https://console.aws.amazon.com/route53>



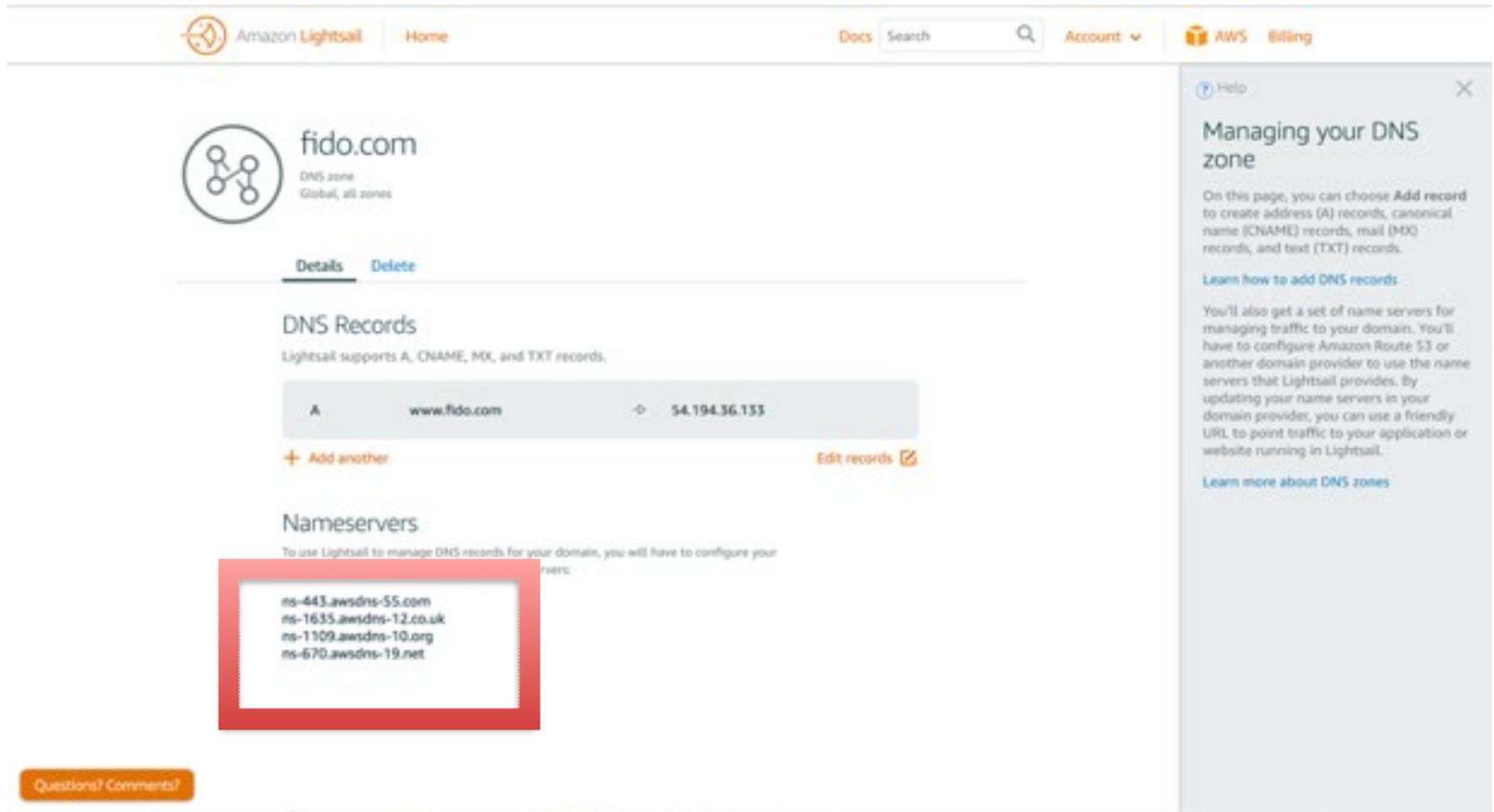
The screenshot shows the AWS Route 53 console interface. The top navigation bar includes 'Services', 'Resource Groups', and a search icon. The left sidebar lists navigation options: Dashboard, Hosted zones, Health checks, Traffic flow, Traffic policies, Policy records, Domains, Registered domains, and Pending requests. The main content area is divided into three panels: 'DNS management' (showing 2 Hosted zones), 'Traffic management' (with a 'Create policy' button), and 'Availability monitoring' (with a 'Create health check' button). A red rectangular box highlights the 'Register domain' form, which includes the title 'Register domain', the instruction 'Find and register an available domain, or transfer your existing domains to Route 53.', a text input field containing 'phei', a dropdown menu showing '.de - \$9.00', and a blue 'Check' button. Below the form is a table header with columns for 'Resource', 'Status', and 'Last update', and a notification bar at the top right of the table area that says 'No alerts to display'.

Point domain to server

<https://lightsail.aws.amazon.com/ls/docs/en/articles/lightsail-how-to-create-dns-entry>

Verify domain ownership

1. Copy the records from LightSail



The screenshot shows the Amazon Lightsail console interface for a domain named 'fido.com'. The page is titled 'fido.com' and indicates it is a 'DNS zone' that is 'Global, all zones'. There are two tabs: 'Details' (selected) and 'Delete'. Under the 'DNS Records' section, there is a table with one record:

Type	Record Name	Record Value
A	www.fido.com	54.194.36.133

Below the table are two buttons: '+ Add another' and 'Edit records' (with a pencil icon). The 'Nameservers' section is highlighted with a red box and contains the following text:

To use Lightsail to manage DNS records for your domain, you will have to configure your nameservers:

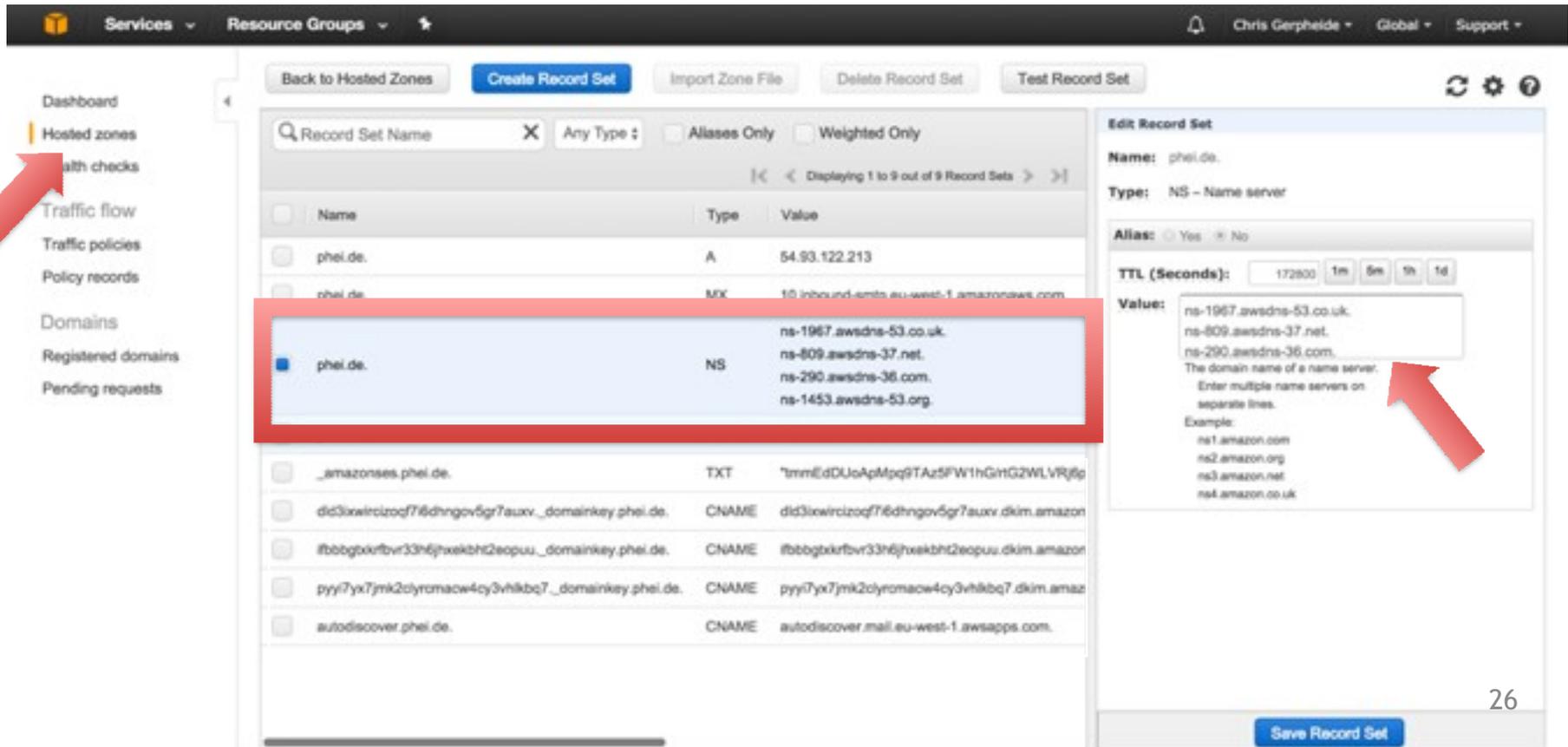
- ns-443.awsdns-55.com
- ns-1635.awsdns-12.co.uk
- ns-1109.awsdns-10.org
- ns-670.awsdns-19.net

At the bottom left, there is a button labeled 'Questions? Comments?'. On the right side, there is a help sidebar titled 'Managing your DNS zone' with a close button (X). The sidebar contains text about adding records and configuring name servers.

Verify domain ownership

<https://console.aws.amazon.com/route53>

1. Click on “Hosted zones”
2. Modify the “NS” record



The screenshot displays the AWS Route 53 console interface. On the left sidebar, the 'Hosted zones' menu item is highlighted with a red arrow. The main content area shows a table of record sets for the domain 'phel.de'. The 'NS' record is highlighted with a red box. The 'Edit Record Set' panel on the right shows the 'Value' field with a red arrow pointing to the list of name servers.

Name	Type	Value
phel.de.	A	54.93.122.213
phel.de.	MX	10 inbound-smtp.eu-west-1.amazonaws.com
phel.de.	NS	ns-1967.awsdns-53.co.uk. ns-809.awsdns-37.net. ns-290.awsdns-36.com. ns-1453.awsdns-53.org.
._amazonses.phel.de.	TXT	*mmEeDUoApMpq9TAz5FW1hGinG2WLVRj6p
did3ixwirczoqT6dhnngov5gr7auxv_domainkey.phel.de.	CNAME	did3ixwirczoqT6dhnngov5gr7auxv.dkim.amazon
ibbbgpxrftvr33h6jfwkbt2eopuu_domainkey.phel.de.	CNAME	ibbbgpxrftvr33h6jfwkbt2eopuu.dkim.amazon
pyy7yx7jmk2cyromacw4cy3vhkbc7_domainkey.phel.de.	CNAME	pyy7yx7jmk2cyromacw4cy3vhkbc7.dkim.amaz
autodiscover.phel.de.	CNAME	autodiscover.mail.eu-west-1.awsapps.com.

Edit Record Set

Name: phel.de.

Type: NS - Name server

Alias: Yes No

TTL (Seconds): 172800 1m 5m 1h 1d

Value: ns-1967.awsdns-53.co.uk.
ns-809.awsdns-37.net.
ns-290.awsdns-36.com.
The domain name of a name server.
Enter multiple name servers on separate lines.
Example:
ns1.amazon.com
ns2.amazon.org
ns3.amazon.net
ns4.amazon.co.uk

Save Record Set

AWS - Learn by yourself

<https://aws.amazon.com/getting-started/products/>

Links

- LightSail: <http://lightsail.aws.amazon.com/>
 - Your website: [public IP]
 - Website admin: [public IP]/wp-admin
- [Route 53 \(manage domain name\): https://console.aws.amazon.com/route53](https://console.aws.amazon.com/route53)
- [LightSail link to domain name: https://lightsail.aws.amazon.com/ls/docs/how-to/article/lightsail-how-to-create-dns-entry](https://lightsail.aws.amazon.com/ls/docs/how-to/article/lightsail-how-to-create-dns-entry)
- [General documentation: https://aws.amazon.com/documentation/lightsail/](https://aws.amazon.com/documentation/lightsail/)