

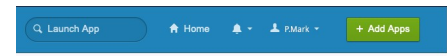
# AWS DNS ACCESS

>> Application Team Procedures

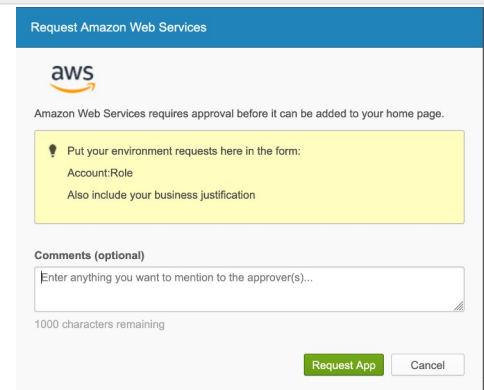
As of June 1, the Application Team will require access to **AWS Route 53** to process DNS requests. The steps below will need to be implemented to gain entry to the DNS management console:

- **Okta** request
- Multi-factor authentication
- **Route 53** path

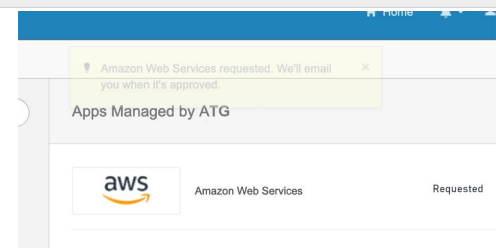
1. Start by accessing your **Okta** Homepage:  
**<https://ATG.okta.com/app/UserHome>**
2. In the upper-right corner, click the **Add Apps** button.



3. Request **AWS** (Amazon Web Services):
  - Access to the app will require admin approval.
  - Add the following excerpt as a comment:  
**Please give me Dev-Team access for DNS management**

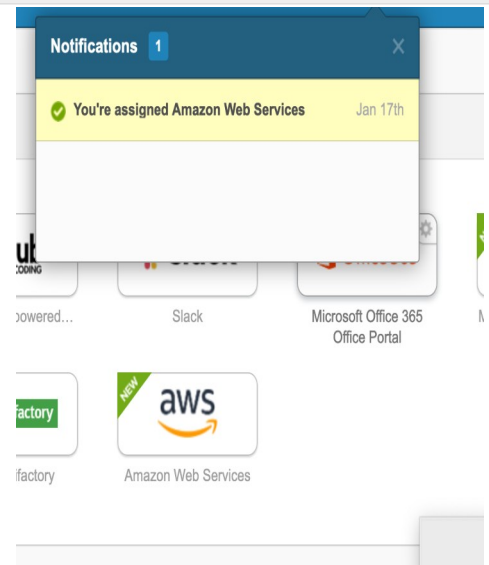
A screenshot of the 'Request Amazon Web Services' form. The form has a blue header with the title 'Request Amazon Web Services'. Below the header is the AWS logo and a message: 'Amazon Web Services requires approval before it can be added to your home page.' There is a yellow box with a lightbulb icon containing the text: 'Put your environment requests here in the form: Account:Role Also include your business justification'. Below this is a text area for 'Comments (optional)' with the placeholder text 'Enter anything you want to mention to the approver(s)...' and a character count of '1000 characters remaining'. At the bottom right are two buttons: 'Request App' (green) and 'Cancel' (white).

Submitting the form will return a confirmation screen indicating access has been **Requested**.

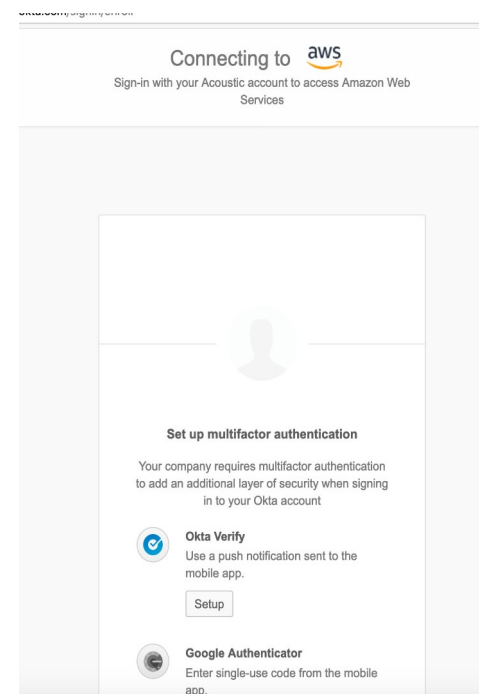


- For the time being, the approval process is handled by only one administrator. Expect a 24 to 48-hour turnaround. Once we will have fully migrated to AWS, evaluations will occur hourly.

4. Once approved, you will receive both an email and an Okta notification. A new AWS app will also appear on your homepage.



5. The first time you click on the new app, you will be prompted to initiate **multi-factor** authentication. Do so using the **Mobile Text** delivery option.



6. Once in, select the role  
**Network\_Services**

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- During the pre-launch period, the **IT\_Shared\_Services** option has been used for DNS settings. Starting June 1, all DNS updates will require access to **Network\_Services**.

Select a role:

▼ Account: 562311158412

IT\_Shared\_Services

▼ Account: 562311158428

CACloudfront

▼ Account: 562311158953

Network\_Services

Sign in

This role will grant access to the **AWS Management Console**.

## AWS Management Console

### AWS services

#### Find Services

You can enter names, keywords or acronyms.

Q Example: Relational Database Service, database, RDS

► All services

### Build a solution

Get started with simple wizards and automated workflows.

#### Launch a virtual machine

With EC2  
2-3 minutes



Register a domain

#### Build a web app

With Elastic Beanstalk  
6 minutes



Connect an IoT device

#### Build using

With Lightsail  
1-2 minutes



Start migration

7. Search for **Route 53**. Select the one which states

**Scalable DNS and Domain Name Registration**

route 53

#### Route 53

Scalable DNS and Domain Name Registration

#### Route 53 Resolver

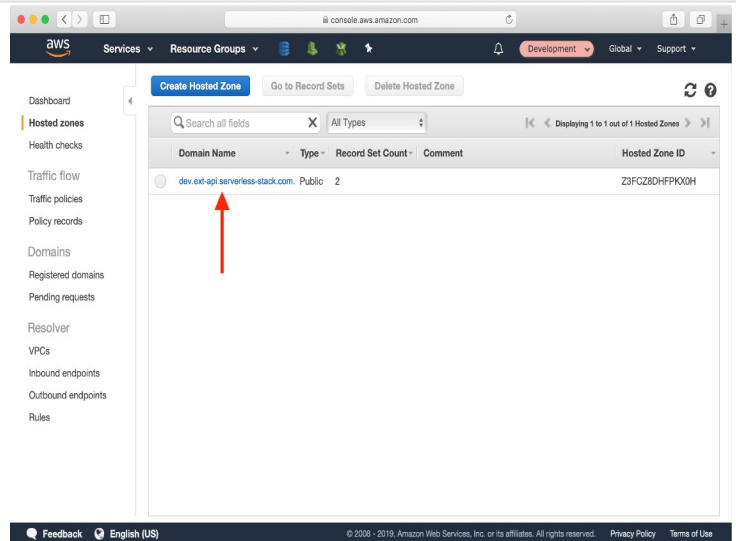
Route 53 Resolver provides recursive DNS for

ECR

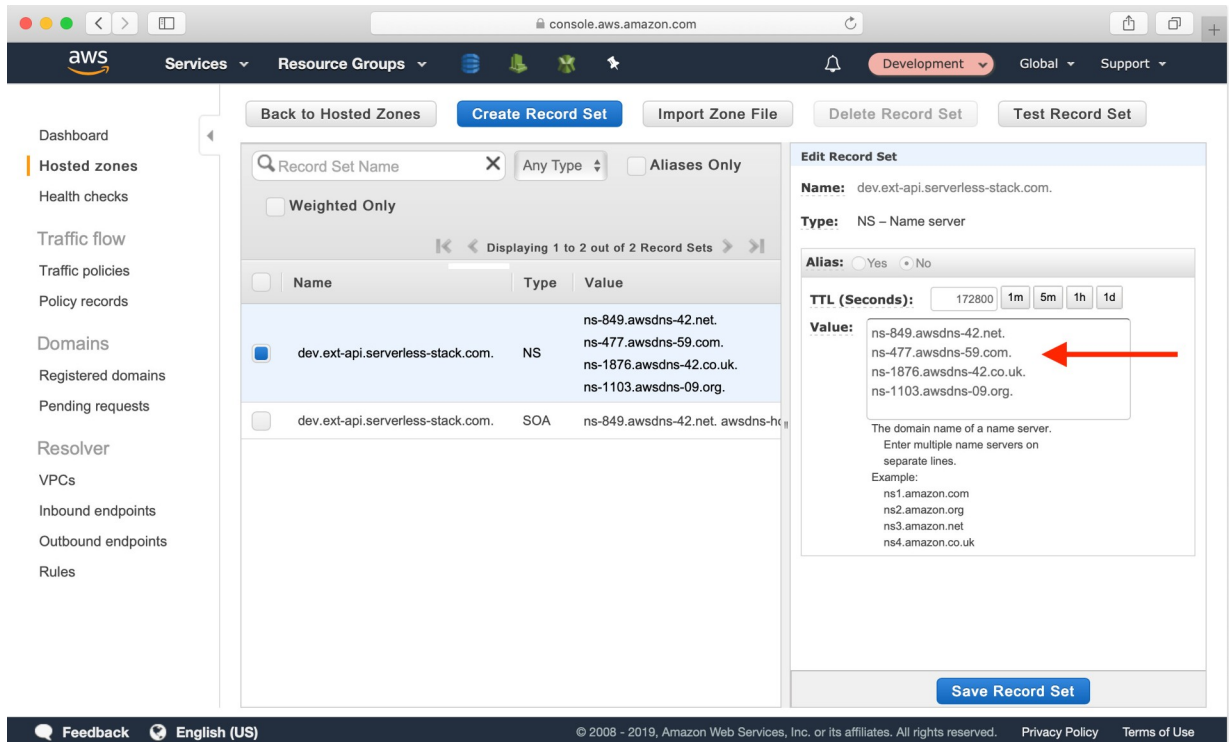
ECS

8. From the **Dashboard**, go to **Hosted zones**.

Search for a domain name to work on, say **dev.ext-api.serverless-stack.com**, and select it.



From here, the steps to follow should be self-explanatory. Regular DNS editing rules apply.





- Although **Route 53** DNS updates can be immediate, always be mindful of propagation and TTL times.
- The user interface provides instructional hints for specific procedures. For example, while editing the record set, see the hints showing how to enter multiple **TXT** records for a domain.

**Edit Record Set**

**Name:** Serverless-stack1.com

**Type:** TXT – Text

**Alias:**  Yes  No

**TTL (Seconds):** 300 1m 5m 1h 1d

**Value:** "MS= ms52199124"  
"v=spf1 include:spf.protection.outlook.com  
\_all"

A text record. Enter multiple values on separate lines. Enclose text in quotation marks.  
Example:  
"Sample Text Entries"  
"Enclose entries in quotation marks"

**Routing Policy:** Simple

Route 53 responds to queries based only on the values in this record.  
[Learn More](#)