

## Create Route53 Hosted Zone

- Either use your own Domain if you have as . OR use mine ie intern.amitj.com.np to create new HZ for your use in pattern .intern.amitj.com.np.
- Show nslookup results for your domain.
- Add R53 entry to map above created ALB at URL alb..

For **Route53** we used **intern.amitj.com.np** domain. So our dns name is, **intern-d.intern.amitj.com.np**

## Route 53 Dashboard Home

The screenshot shows the AWS Route 53 Dashboard Home page. At the top, there is a notification bar for the 'New - Route 53 Application Recovery Controller' with a 'Getting started with Application Recovery Controller' button. Below this, the 'Route 53 Dashboard' title is followed by an 'Info' link. The main content area is divided into several sections: 'DNS management' showing '3 Hosted zones', 'Traffic management' with a 'Create policy' button, 'Availability monitoring' with a 'Create health check' button, and 'Domain registration' with a 'Register domain' button. Below these, there are 'Readiness check' and 'Routing control' sections, both displaying a red 'Error' status. The 'Readiness check' section also shows 'Readiness checks' and the 'Routing control' section shows 'Control panels'. Below the main content area, there is a 'Register domain' section with a text input field for 'Enter a domain name' and a 'Check' button. At the bottom, there is a 'Notifications' section with a search bar and a 'Find notifications' button. The footer contains the copyright notice '© 2021, Amazon Web Services, Inc. or its affiliates.' and links for 'Privacy', 'Terms', and 'Cookie preferences'.

New - Route 53 Application Recovery Controller  
Readiness and routing control features help you monitor readiness and manage failovers. [Getting started with Application Recovery Controller](#)

### Route 53 Dashboard [Info](#)

**DNS management**  
**3**  
[Hosted zones](#)

**Traffic management**  
A visual tool that lets you easily create policies for multiple endpoints in complex configurations.  
[Create policy](#)

**Availability monitoring**  
Health checks monitor your applications and web resources, and direct DNS queries to healthy resources.  
[Create health check](#)

**Domain registration**  
A domain is the name, such as example.com, that your users use to access your application.  
[Register domain](#)

**Readiness check**  
**Error**  
[Readiness checks](#)

**Routing control**  
**Error**  
[Control panels](#)

### Register domain

Find and register an available domain, or [transfer your existing domains](#) to Route 53.

Each label (each part between dots) can be up to 63 characters long and must start with a-z or 0-9. Maximum length: 255 characters, including dots. Valid characters: a-z, 0-9, and - (hyphen)

[Check](#)

### Notifications

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# All hosted zones

Route 53 > Hosted zones

Hosted zones (3)

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

< 1 >

	Domain name	Type	Created by	Record count	Description	Hosted zone ID
<input type="radio"/>	intern.amitj.com.np	Public	Route 53	5	For intern	Z051165739T629IMV4ELJ
<input type="radio"/>	team-b.pranavp.com.np	Public	Route 53	6	team-b public hosted zone	Z02555181W11LMX64ZWMR
<input type="radio"/>	intern-c.vpc-local	Private	Route 53	3	intern c vpc local	Z0306382URZW0YUIX50F

# Creating the record in intern.amitj.com.np

Route 53 > Hosted zones > intern.amitj.com.np

intern.amitj.com.np

Info

Delete zone

Test record

Configure query logging

Hosted zone details

Edit hosted zone

Records (5)

DNSSEC signing

Hosted zone tags (1)

Records (5)

Info

Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Type

Routing policy

Alias

< 1 >

	Record name	Type	Routin...	Differ...	Value/Route traffic to
<input type="checkbox"/>	intern.amitj.com.np	NS	Simple	-	ns-149.awsdns-18.com. ns-1360.awsdns-42.org. ns-589.awsdns-09.net. ns-1543.awsdns-00.co.uk.
<input type="checkbox"/>	intern.amitj.com.np	SOA	Simple	-	ns-149.awsdns-18.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
<input type="checkbox"/>	_778eca02704509dbb7c51e2acf7e81d4.inte...	CNAME	Simple	-	_35c8b6c11abdceffe11b03810ddf54f1.kgnrpnmdhlacm-validations.aws.
<input type="checkbox"/>	alb.intern-c.intern.amitj.com.np	A	Simple	-	dualstack.intern-c-lb-1459507494.us-east-1.elb.amazonaws.com.
<input type="checkbox"/>	py.intern.amitj.com.np	A	Simple	-	dualstack.intern-tutor-476698526.us-east-1.elb.amazonaws.com.

0 r

II

Note that the Record Type is A and **Alias** is selected and routed to our region and load balancer created before as below:

Quick create record [Info](#) [Switch to wizard](#)

▼ Record 1 [Delete](#)

Record name [Info](#)

team-d .intern.amitj.com.np

Valid characters: a-z, 0-9, ! " # \$ % & ' ( ) \* + , - / : ; < = > ? @ [ \ ] ^ \_ ` { | } . ~

Record type [Info](#)

A – Routes traffic to an IPv4 address and so...

Route traffic to [Info](#)

☒ Alias

Alias to Application and Classic Load Balancer

US East (Ohio) [us-east-2]

179181073.us-east-2.elb.amazonaws.com X

Routing policy [Info](#)

Simple routing

Evaluate target health

☒ Yes

[Add another record](#)

Cancel [Create records](#)

► View existing records


The following table lists the existing records in intern.amitj.com.np.

## Created Record as,

Records (6) <a href="#">Info</a>						<a href="#">Delete record</a>	<a href="#">Import zone file</a>	<a href="#">Create record</a>
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.								
<input type="text" value="Filter records by property or value"/>						Type ▼	Routing policy ▼	Alias ▼
						< 1 > ⚙		
<input type="checkbox"/>	Record name ▼	Type ▼	Routin... ▼	Differ... ▼	Value/Route traffic to ▼			
<input type="checkbox"/>	intern.amitj.com.np	NS	Simple	-	ns-149.awsdns-18.com. ns-1360.awsdns-42.org. ns-589.awsdns-09.net. ns-1543.awsdns-00.co.uk.			
<input type="checkbox"/>	intern.amitj.com.np	SOA	Simple	-	ns-149.awsdns-18.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400			
<input type="checkbox"/>	_778eca02704509dbb7c51e2acf7e81d4.inte...	CNAME	Simple	-	_35c8b6c11abdceffe11b03810ddf54f1.kgnrpmcdhl.acm-validations.aws.			
<input type="checkbox"/>	alb.intern-c.intern.amitj.com.np	A	Simple	-	dualstack.intern-c-lb-1459507494.us-east-1.elb.amazonaws.com.			
<input type="checkbox"/>	py.intern.amitj.com.np	A	Simple	-	dualstack.intern-tutor-476698526.us-east-1.elb.amazonaws.com.			
<input type="checkbox"/>	team-d.intern.amitj.com.np	A	Simple	-	dualstack.team-d-lb-979181073.us-east-2.elb.amazonaws.com.			



## NS Lookup results for our domain:

### DNS records for **team-d.intern.amitj.com.np**

CloudFlare DNS Google DNS OpenDNS Authoritative Local DNS ▾ 

The CloudFlare DNS server responded with these DNS records. CloudFlare will serve these records for as long as the time to live (TTL) has not expired. After this period, CloudFlare will update its cache by querying one of the authoritative name servers.

#### A records

IPv4 address	Revalidate in
>  18.118.60.49	1m
>  3.16.80.211	1m

## Hello page through our dns

