

## Yeshwanth Chauhan

Route 53 - Create an instance and install a webserver to it and allow ssh in the security group  
Start and Activate it and then create a file into the instance and check the Public IP

Open Route 53 Go to hosted zones and create a hosted zone.

The image shows two screenshots from the AWS console. The top screenshot displays a terminal session on an EC2 instance where the Apache HTTP Server is installed and started. The bottom screenshot shows the Route 53 console with a hosted zone created for 'manchal-sharma.com'.

**Terminal Output (Top Screenshot):**

```
[ec2-user@ip-172-32-0-251 ~]$ ls -l
total 0
[ec2-user@ip-172-32-0-251 ~]$ sudo systemctl status httpd
* httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Thu 2023-03-16 10:23:19 UTC; 5min ago
     Docs: man:httpd.service(8)
   Main PID: 4284 (httpd)
   Status: "Total requests: 0; Idle/Busy Workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
   CGroup: /system.slice/httpd.service
            └─4284 /usr/sbin/httpd -DFOREGROUND
              └─4285 /usr/sbin/httpd -DFOREGROUND
                └─4286 /usr/sbin/httpd -DFOREGROUND
                  └─4287 /usr/sbin/httpd -DFOREGROUND
                    └─4288 /usr/sbin/httpd -DFOREGROUND
                      └─4289 /usr/sbin/httpd -DFOREGROUND

Mar 16 10:23:19 ip-172-32-0-251.ec2.internal systemd[1]: Starting The Apache HTTP Server...
Mar 16 10:23:19 ip-172-32-0-251.ec2.internal systemd[1]: Started The Apache HTTP Server.
[ec2-user@ip-172-32-0-251 ~]$ cd
[ec2-user@ip-172-32-0-251 ~]$ cd /var/www/html/
[ec2-user@ip-172-32-0-251 html]$ ls
index.html
[ec2-user@ip-172-32-0-251 html]$ cat index.html
[ec2-user@ip-172-32-0-251 html]$ vi index.html
[ec2-user@ip-172-32-0-251 html]$ sudo vi index.html
[ec2-user@ip-172-32-0-251 html]$ cd /var/www/html/index.html
-bash: cd: /var/www/html/index.html: Not a directory
[ec2-user@ip-172-32-0-251 html]$ ls -l
total 4
-rw-r--r-- 1 root root 8 Mar 16 10:30 index.html
[ec2-user@ip-172-32-0-251 html]$
```

**Route 53 Hosted Zones (Bottom Screenshot):**

Route 53 > Hosted zones

Hosted zones (1/1)  
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Filter records by property or value

Hosted zone name	Type	Created by	Record count	Description	Hosted zone ID
manchal-sharma.com	Public	Route 53	3	-	Z0222068SP0KBSO17...

Yeshwanth Chauhan

Yeshwanth Chauhan

us-east-1.console.aws.amazon.com/route53/v2/hostedzones#ListRecordSets/Z0222068SP0KB017DRN

MapsSmileys & Emot...Character Entity Ref...Browse Fonts - Goo...software companie...App Icon GeneratorFree Icons, Clipart IL...Material Design CoL...ethdrop

RWSServicesSearch [Alt+S]

VPCVPCIAMCloudFormationCloudWatchAmazon EventBridgeAWS Auto Scaling

Route 53

DashboardHosted zonesHealth checksIP-based routingCIDR collectionsTraffic flowTraffic policiesPolicy recordsDomainsRegistered domainsPending requestsResolverVPCsInbound endpointsOutbound endpointsRulesQuery loggingDNS FirewallRule groupsDomain listsApplication Recovery Controller

Route 53 > Hosted zones > manchal-sharma.com

Publicmanchal-sharma.cominfoDelete zoneTest recordConfigure query logging

Hosted zone detailsEdit hosted zone

Records (3)DNSSEC signingHosted zone tags (0)

Records (1/3) infoAutomatic mode is the current search behavior optimized for best filter results. To change modes go to settings.

Filter records by property or valueTypeRouting pol...Alias1

Record ...	Type	Routin...	Differ...	Alias	Value/Route traffic to	TTL (s...	Health ...	Evalu...	Reco...	
<input type="checkbox"/>	manchal-s...	NS	Simple	-	No	ns-369.awsdns-46.com. ns-1083.awsdns-07.org. ns-1588.awsdns-06.co.uk. ns-491.awsdns-22.net.	172800	-	-	-
<input type="checkbox"/>	manchal-s...	SOA	Simple	-	No	ns-369.awsdns-46.com. awsd...	900	-	-	-
<input checked="" type="checkbox"/>	yesh.man...	A	Simple	-	No	18.206.182.145	300	-	-	-

Record details

Edit record

Record nameyeshmanchal-sharma.com

Record typeA

Value18.206.182.145

AliasNo

TTL (seconds)300

Routing policySimple

FeedbackLanguage

32°CPartly sunny

© 2023, Amazon Web Services India Private Limited or its affiliates. PrivacyTermsCookie preferences

Yeshwanth Chauhan16-Route53DMS - Candid(2282) [New]AWS-Basic-ClInstances | ECmanchal-shaEC2 Instanceyeshmanchul

us-east-1.console.aws.amazon.com/route53/v2/hostedzones#ListRecordSets/Z0222068SP0KB017DRN

MapsSmileys & Emot...Character Entity Ref...Browse Fonts - Goo...software companie...App Icon GeneratorFree Icons, Clipart IL...Material Design CoL...ethdrop

Not secure | yeshmanchal-sharma.com

HI YESH

32°CPartly sunny

Search

ENG IN16:3116-03-2023