

Networking & Content Delivery: Route 53

Route 53: The DNS service of AWS with its limitations and benefits are presented in this lesson.

We'll cover the following



- Benefits of using Route 53

A DNS service

Route 53 is a DNS service. It lets you translate domain names to IP addresses.

Limitations

There's nothing particularly special about Route 53's DNS capabilities. In fact, it has a few annoying (but mostly minor) limitations such as:

- The lack of support for ALIAS records (unless they point to AWS resources).
- The lack of DNSSEC support.

Benefits of using Route 53

However, the reason we stick to using Route 53 is that:

- First of all, it's good enough.
- Secondly, it integrates very well with ELB.

There is a significant benefit in having CloudFormation automatically set up your load balancer together with the DNS records for your custom domain. Route 53 makes this possible, whereas if you were to use a different DNS provider, you'd likely have to manage your DNS records manually.





Route 53 provides support for ALIAS records as long as they point to AWS resources.

[Retake Quiz](#)

In the next lesson, we will take a look at CloudFormation and its different functionalities.