

DNS Cloud Key Benefits

- One console to manage in-house and cloud DNS
- AWS guarantees 100% availability
- Integrated with other EfficientIP security features: Hybrid DNS Engine to mitigate Zero-Day vulnerabilities, DNS Blast to absorb DDoS attacks
- Powered by Amazon Route 53
- Manage Amazon's DNS Cloud from SOLIDserverTM Management Platform
- IP Anycast address over the world
- 52 DNS spots distributed across the world

Product Description

SOLIDserverTM DNS Cloud

Powered by Amazon Route 53

Secure DNS Infrastructure in the Internet Environment

External DNS servers deliver critical services to your company, such as internet visibility for your customers, partners and employees, as well as external access to network applications and other important services such as email.

Because of the fundamental role they play in Information Technology infrastructure, external DNS servers are exposed to Internet-based attacks and therefore must be secured. Losing email service or Internet connectivity due to external DNS attacks could significantly impact a business' profitability.

An IDC DNS Security survey conducted in June 2014 shows that 72 % of respondents said they had been targeted by a DNS attack in the last 12 months. As a result, their businesses reflected the following: 45% were impacted by downtime, 36% reported loss of business, and 40% had intellectual property stolen.

About 90% said that they are interested, evaluating, or using a Cloud Hybrid DNS infrastructure today. This shows a real trend for performance and security needs.

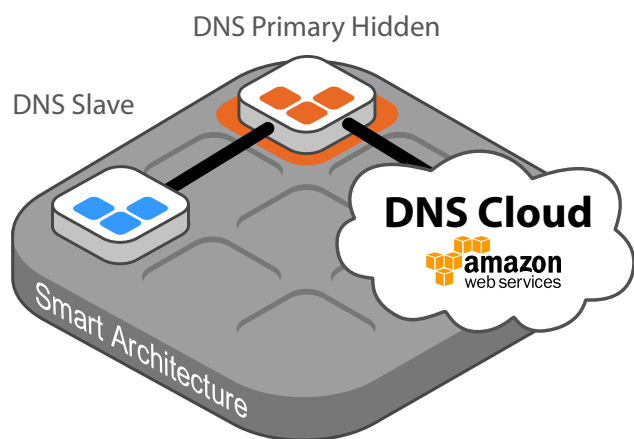
EfficientIP offers the only solution on the market which delivers reliable and scalable solutions for hardening your Internet DNS architecture with in-house and cloud based DNS deployment.

Do You Need 100% Availability ?

Hybrid Cloud DNS Deployment

If you need more security and the best performance for your DNS infrastructure, you should choose to deploy a Hybrid Cloud DNS Infrastructure. You will centrally manage your in-house DNS server and your Domain Name in the Cloud.

EfficientIP's DNS Cloud is the only solution that integrates the Amazon Route 53 offering from Amazon Web Services, providing you with the ability to manage local and cloud DNS infrastructures from a single management console.



DNS Cloud includes all standard Amazon Route 53 features through AWS APIs. DNS admins can manage domain names from this centralized console, which will automatically propagate the configuration to your DNS servers, locally and in the cloud to ensure global uniqueness and consistency control..

The DNS Anycast offers the best performance and resilience that you can expect with an AWS service level agreement of 100%. It is scalable, simple to deploy, cost effective, flexible and very secure.

If you want at any time to revert from a cloud based deployment to a local deployment, it's just one click away. This reversibility makes hybrid cloud deployment very flexible, you can quickly make a test of a cloud infrastructure and revert to in-house in one step, you always have the choice and the ability to change your mind.

DNS Security is not a one-stop solution, to more secure DNS infrastructures. DNS Cloud can be integrated with EfficientIP's unique DNS security features:

- **Hybrid DNS Engine**, provides 3 DNS engines in 1 appliance to mitigate zero-day vulnerability. EfficientIP's Hybrid DNS allows customers to switch in real-time from one engine to another during an attack or if maintenance is needed to apply security patches to the primary DNS Engine.

- In case of a DDoS DNS attack, the local DNS infrastructure can benefit from SOLIDserver DNS Blast, the world's fastest DNS engine that can absorb up to 17 million DNS queries per second. DNS Blast will thwart the attack leaving your business unaffected by costly impacts such as application downtime, web site unavailability, and stolen data.

About Amazon Web Services Route 53 DNS Service

Amazon Route 53 is a highly available and scalable cloud Domain Name System web service. It is designed to give developers and businesses an extremely reliable and cost effective way to route end users to Internet applications.

Amazon Route 53 makes it possible for you to manage traffic globally through a variety of routing types, including Latency Based Routing, Geo DNS, and Weighted Round Robin - all of which can be combined with DNS Failover in order to enable a variety of low-latency, fault-tolerant architectures.

Amazon Route 53 Key Features

- Latency Based Routing: Route end users to the AWS region that provides the lowest possible latency.

- DNS Failover: Automatically route your website visitors to an alternate location to avoid site outages.

- Geo DNS: Route end users to a particular endpoint that you specify based on the end user's geographic location.



ABOUT EFFICIENTIP

EfficientIP solutions address organizations' needs to drive business efficiency through the innovative use of IT. Its unified management framework for DNS-DHCP-IPAM, devices and network configurations enhances security, availability and agility of the IT infrastructure. EfficientIP's solutions have been chosen by hundreds of the most demanding organizations across all industries.

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