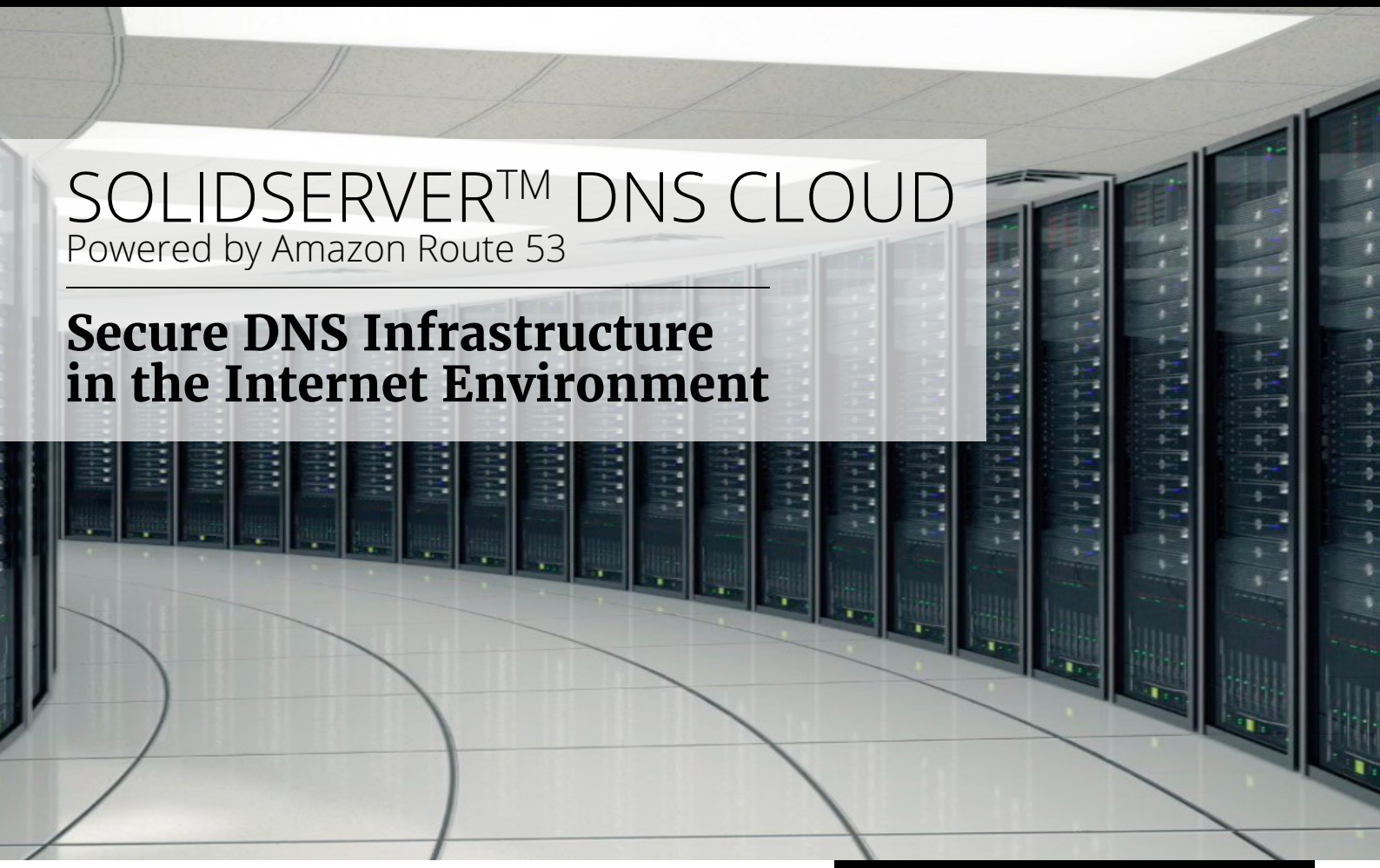
efficient iP™
DEFINING SMART DDI

Datasheet



SOLIDSERVER™ 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.

A Coleman Parkes DNS Security survey conducted in 2018 shows that 77% of respondents said they had been targeted by a DNS attack in the last 12 months. As a result, their businesses reflected the following: 40% were impacted by cloud service downtime, 22% reported loss of business, and 33% had data stolen.

About 90% said that they are interested, evaluating, or using a Hybrid Cloud 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.

Highlights:

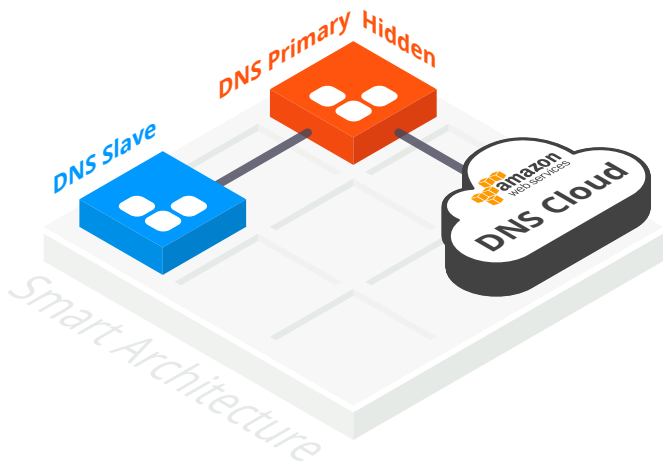
- One console to manage in-house and cloud DNS
- AWS guaranties 100% availability
- Integrated with other EfficientIP security features: Hybrid DNS Engine to mitigate Zero-Day vulnerabilites, DNS Blast to absorb DDoS attacks
- Powered by Amazon Route 53
- Manage Amazon's DNS Cloud from SOLIDserver™ Management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

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, so you always have the choice and the ability to change your mind.

DNS Cloud 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 2 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.

- **DNS Blast:** 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 AWS 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.

powered by amazon web services

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As one of the world's fastest growing DDI vendors, EfficientIP helps organizations drive business efficiency through agile, secure and reliable network infrastructures. Our unified management framework for DNS-DHCP-IPAM (DDI) and network configurations ensures end-to-end visibility, consistency control and advanced automation. Additionally, our unique 360° DNS security solution protects data confidentiality and application access from anywhere at any time. Companies rely on us to help control the risks and reduce the complexity of challenges they face with modern key IT initiatives such as cloud applications, virtualization, and mobility. Institutions across a variety of industries and government sectors worldwide rely on our offerings to assure business continuity, reduce operating costs and increase the management efficiency of their network and security teams.

Americas
EfficientIP Inc.
1 South Church Street
West Chester, PA 19382-USA
+1 888-228-4655

Europe
EfficientIP SAS
90 Boulevard National
92250 La Garenne Colombes-FRANCE
+33 1 75 84 88 98

Asia
EfficientIP PTE Ltd
101C Telok Ayer Street #04-00
SINGAPORE 068574
+65 6678 7752