



SOLUTION SHEET

UltraDNS

The Cloud-Based, Authoritative DNS for Your Business

In a connected world, as internet users expect seamless and secure online experiences, DNS has become more difficult and complex to manage than ever before. The emergence of IoT devices and online threats leave businesses struggling to find the correct DNS strategy for their IT needs. Having the experience and DNS know-it-all in-house is nearly impossible.

Vercara UltraDNS is an enterprise grade, cloud-based authoritative DNS service that securely delivers fast and accurate query responses to ensure users can navigate to vital online assets. Whether you're looking for a Primary or Secondary DNS solution, Vercara UltraDNS offers customizable packages to fit any organization's DNS needs.

Performance - our trusted authoritative network uses BGP and IP Anycast routing to quickly respond to over 100 billion global authoritative DNS queries per day. The UltraDNS nodes are co-located with Vercara's recursive and top-level-domain (TLD) servers, providing near-zero latency responses amongst them.

Availability - ensure that your website and other assets are always available. Backed by our industry leading SLAs that include 100% resolution availability, change propagation, query latency and customer support, UltraDNS is delivered on a highly redundant 29 node platform distributed across six continents.

BENEFITS

- Confidently outsource your DNS to a trusted provider with over 20 years of proven experience.
- Ensure your online assets are always available with service designed for 100% SLA for DNS resolution.
- Take advantage of built-in security features such as DDoS protection and DNSSEC management.
- Utilize advanced traffic management services to fully optimize your website performance
- Quickly and efficiently manage changes via a web-based portal or REST API
- Improve performance of your websites by lowering DNS latency
- Dedicated Support - 24/7/365 support from our team of DNS experts



SPECS

- Fault-tolerant globally redundant architecture.
- Full Primary, Secondary, and Hidden Master Support.
- Advanced Traffic Management with load balancing, traffic distribution and Geo IP intelligence
- Single-click DNSSEC protection of all zones, including those with Traffic Management.
- Alias to target domain at the apex
- SAML/SSO, Secure Two-factor Authentication, Access Control Lists, Audit Logs, TLS Protected Portal.
- Advanced Permissions with Role-based Access Control.
- REST API Integration.
- Advanced Reporting.
- Supports IPv6.
- Comprehensive SLAs.
- 24/7 customer support service included

Security - our DNS network is engineered on a proprietary platform to help insure the integrity of your DNS data. Your DNS configuration is protected on UltraDNS by multi-factor authentication, SAML-based single sign on, access control lists, and Ultra advanced role base security. SHA2 TSIG protects zone transfers and DNSSEC using the Elliptic Curve Digital Signature Algorithm (ECDSA) can ensure the integrity of all DNS responses.

DDoS Protection - built-in DNS DDoS protection that combines local mitigation with the Vercara DDoS mitigation network quickly defends against attacks towards the UltraDNS network and ensures that DNS resolution availability is not compromised.

Additional features - UltraDNS provides many other features that allow you to be in control of your DNS. Health Check runs over 50 checks on your domains to ensure they are compliant. DevOps integrations that allows you to configure, manage and automate your DNS records. Actionable Telemetry sends push notifications so you are aware of changes to your DNS. These are just a few of many features our service provides.

Vercara UltraDNS Global Infrastructure



📍 Vercara Current Network of 29 Nodes



Fault-Tolerant Network

The Vercara DNS network is engineered and designed to deliver 100% availability for query resolution. By utilizing redundancy in all aspects of the service architecture, including multiple network service providers with independent delivery paths, UltraDNS is able to deliver the most highly-available, fault-tolerant managed DNS network in the marketplace today.

Trusted Experience & Commitment

No other provider has more experience with DNS management. Vercara has over 20 years experience answering over 100 billion authoritative DNS queries every day. You can rely on multi-level expertise from our:

- Network Operations Center (NOC) to monitor your traffic for irregularities
- Security Operations Center (SOC) to identify and mitigate DDoS attacks against your DNS
- Customer Support Center to help you provision and optimize your DNS strategy

Vercara is your comprehensive DNS provider with UltraDNS, Ultra Recursive and Registry solutions.

Whether you're looking for a Primary or Secondary DNS solution, Vercara UltraDNS offers customizable packages to fit any organization's DNS needs.



Find more information at:

vercara.com



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