

DIGICERT® DNS TRUST MANAGER

Every online transaction and communication starts with DNS.
Great digital experiences start with DNS Trust.

Digital experiences drive business

DNS availability and speed are the foundation of great digital experiences and crucial elements of successful application, service, and content delivery. Outages and poor performance can significantly impact business goals. Domain outages result in lost revenue and brand equity. Slow performance and speed degradation affect consumer engagement and willingness to buy. Ensuring a strong DNS foundation for both availability and speed is critical to business outcomes.

Industry-leading availability & resiliency

DNS Trust Manager is a managed DNS service offering industry-leading availability, resiliency, and performance, meeting the needs of large organizations and high traffic domains. DNS Trust Manager operates on the DigiCert Global Anycast Network, the most reliable DNS network in the world, and offers comprehensive traffic management features for intelligent routing based on geography, latency, endpoint health, and more. DNS Trust Manager pairs with white glove migration and live support to ensure continuous delivery against business objectives.

DIGICERT GLOBAL ANYCAST NETWORK

- Industry-leading uptime and performance
- 100% continuous uptime for 12+ years
- 180+ billion queries daily

DNS Trust Manager Key Benefits

Availability that you can count on

DNS Trust Manager operates a dedicated network fielding 180 Billion+ queries daily, with 100% continuous uptime for more than twelve years. DNS Trust Manager's high reliability and resiliency features automated failover, built-in protection against DDoS attacks, and DNSSEC support.

Fast speed for exceptional digital experiences

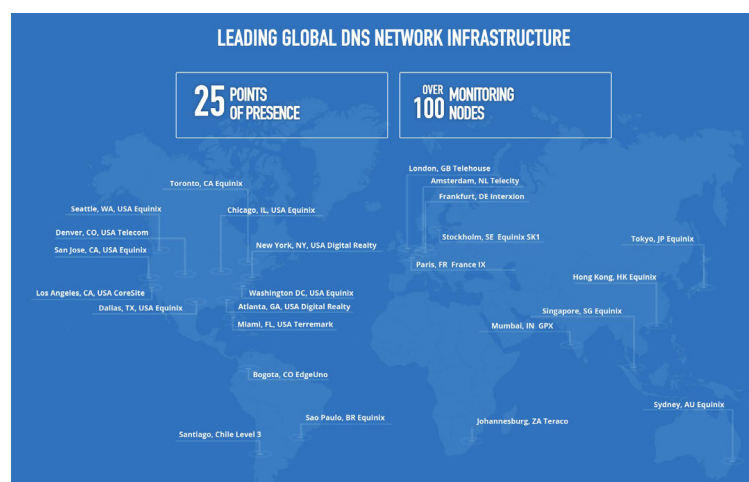
DNS Trust Manager is designed for low latency with global load balancing. Advanced traffic optimization enables companies to further tune specific route performance based on location, real-user metrics, endpoint health, up/down status, and latency.

Insights for managing network traffic

Analytics provide insights into traffic characteristics. Real-time anomaly detection identifies suspicious traffic, and network monitoring enables intelligent routing and comprehensive traffic management.

Features and services designed for large organizations

DNS Trust Manager delivers highly scalable and resilient domain and query loads paired with features such as API-based automation, vanity IPs, version tracking and rollback, white glove migration, live support, account review, and more.



DNS Trust Manager Key Features

	Included	Additional
Core features		
Primary / Secondary DNS service	●	
DNSSEC support	●	
ANAME records	●	
HTTP redirect	●	
SPF, DMARC, and DKIM	●	
Network		
Monthly queries (per million)	starting at 100	●
Domains	starting at 100	●
100% uptime SLA	●	
IPv6 compatibility	●	
Traffic management		
DNS failover	●	
Global Traffic Director		●
Advanced Traffic Optimization		●
Analytics		
Analytics	●	
DNS audit log	●	
Real-time Traffic Anomaly Detection		●
Automation		
REST API	●	
3rd party integrations	●	
Version tracking & rollback		●
Account & Authentication		
Users	starting at 15	●
Vanity DNS	●	
Multi-factor authentication	●	
SAML/SSO	●	
Support		
Migration assistance (up to 2 hours)	●	
Business hour phone support	●	
After-hours support		●

The DigiCert Global Anycast Network

DNS Trust Manager operates on the DigiCert Global Anycast Network, the world's most reliable DNS network (AS16552). Our points of presence (PoPs) are strategically located at crucial peering points for optimal connectivity. Unlike other operators using virtual cloud servers (VPSs) or cloud instances, our network operates on bare metal nameservers, which deliver resiliency during sudden DDoS attacks. DigiCert runs its entire network — from Layer 1 to Layer 7 — with no service elements proxied through other networks. Our network is designed for security, multi-tiered redundancy, and instant record update propagation, and is managed entirely in-house.

A Secure DNS Network

We designed our network (AS16552) to withstand a broad range of DNS-based attacks in scale and complexity. Before queries reach our nameservers, we use a proprietary “scrubbing” algorithm to clean out malicious traffic. We have also equipped all our PoPs with a comprehensive system of firewalls that act as an invincible barrier against potential threats. Tier 1 scrubbing is also contracted to provide additional capacity and security during more significant attacks.

Multi-Tiered Redundancy

Zero downtime is not only expected in the DNS industry; it is required. That's why we engineered a proprietary, multi-tiered framework that creates localized server redundancy and scalability within our IP Anycast server constellation. Every server cluster has its assigned set of redundant servers

that are constantly updated via a proprietary layered zone consistency system. If a server cluster is overloaded with traffic, its redundant counterpart will take on a portion of the traffic. All of our nameservers are preconfigured to handle these contingencies. This architecture allows our network to withstand catastrophic localized and regional outages. In the event of an issue, redundant server clusters automatically take over the query load with no appreciable effects on querying clients.

Instant DNS Updates

Any time you update a record, those changes propagate instantaneously across our global network of nameservers. This propagation uses a multi-tiered cascading system to update nearby nameserver clusters in just a few milliseconds.

100% Managed In-House

We manage and control every aspect of our network — from contract to rack, router, switch, and nameserver. This ownership may not seem vital on the surface. But when you consider that many DNS vendors outsource part or all of their network and lack the technical expertise to manage a network of that magnitude internally, the benefits of a robust, selfsufficient network become clear.

Get started today

Get started with DigiCert® DNS Trust Manager today. Contact your DigiCert account manager or email sales@digicert.com.

About DigiCert, Inc.

DigiCert is the world's leading provider of digital trust, enabling individuals and businesses to engage online with the confidence that their footprint in the digital world is secure. DigiCert® ONE, the platform for digital trust, provides organizations with centralized visibility and control over a broad range of public and private trust needs, securing websites, enterprise access and communication, software, identity, content and devices. DigiCert pairs its award-winning software with its industry leadership in standards, support and operations, and is the digital trust provider of choice for leading companies around the world. For more information, visit digicert.com or follow [@digicert](https://twitter.com/digicert).