



NOTABLE FEATURES



REASONS WHY CONSTELLIX IS A BETTER ALTERNATIVE TO AWS ROUTE 53



UPTIME

Constellix is the only provider in the industry to offer true 100% uptime regionally and worldwide since inception. Constellix owns the largest authoritative DNS network in the world. Backed by over 18 PoPs worldwide and located at crucial peering points for optimal connectivity.



DNS METRICS

Constellix offers the most advanced query analytics and insight to your DNS traffic in the industry. Real-Time Analytics allows you to export system logs, detect potential attacks, identify stale or unused records, and pinpoint a CDN that may be making excess requests.



GEODNS ROUTING

Constellix offers a powerful set of tools that allow you to segment your traffic based on your users' location or network. GeoDNS empowers you to build your own CDN, load balance between multiple systems, block malicious or unwanted traffic, and optimizes routing for different networks or regions.



AI / ML ALERTING

Constellix is the only provider in the world to alert you of suspicious spikes with our Real-Time Traffic Anomaly Detection. Receive automatic notifications if you are encountering a DDoS or malicious spam attack, internal systems are configured incorrectly, or if you are experiencing server issues.



DNS FAILOVER

Our enterprise monitoring suite, Sonar, automatically moves your traffic from unavailable resources to healthy ones. DNS failover is intrinsically integrated with GeoProximity, global load balancing, traffic steering, round robin, and latency load balancing. Failover is supported for A, AAAA, ANAME, and CNAME records.



Multi CDN CAPABILITIES

Constellix utilizes real-time machine learning to dynamically route traffic to the best CDN for each user. Our unique CDN dashboard allows you to filter and visualize data using a variety of metrics. Receive instant notifications with our built in failover if any CDN goes down and get alerted when they are up and running. Double your coverage map, ensure 100% uptime even during provider outages, and view significant performance gains. The reporting uses our ITO feature and RUM to calculate the fastest performing CDN in your desired region, therefore allowing you to obtain a granular insight into the performance into your CDN (constellix.com/products/cdn-performance).



11490 Commerce Park Dr.
Ste 140
Reston VA, 20191



CONSTELLIX.COM



+1 703.880.2007



sales@constellix.com

FACT: CONSTELLIX USES IT'S OWN DNS SERVICES



How Do We Compare?



100% global uptime over the past 12 months.	✓	✗ ¹
100% service uptime	✓ Constellix has a 100% uptime for > 5 years since service was launched.	✗ ²
Top tier DNS speeds	✓	✗
Easy wizards and import utilities	✓	✓
IP Anycast DNS network (DNS resolution at the edge)	✓	✓
24/7/365 Technical Support	✓	✓ Only with expensive paid support plans.
Live Chat Support	✓	✓
Multi-factor authentication and SSO	✓	✓
DNS Failover on A / AAAA / CNAME/ and ANAME records.	✓	✓ Only with expensive paid support plans.
Support CERT, HINFO and RP record types	✓	✗
Hidden Frame Masked Redirections	✓	✗
Monitoring results	✓ Sonar provides full reporting and diagnosis of service outages.	✓ Limited results and limited monitoring options.
Geo DNS capabilities	✓	✓ Limited capabilities
Internet Traffic Optimization (decisions based on performance)	✓	✗
RUM Internet Traffic Optimization (decisions based on end-user speed results)	✓	✗
MultiCDN capabilities	✓	✗
MultiCloud capabilities	✓	✗
Full API Capabilities	✓	✓
GUI Interface for DNS management	✓	✓

FACT: AMAZON.COM DOES NOT USE AWS ROUTE 53.

IF THEY DON'T TRUST THEIR OWN SERVICES, WHY SHOULD YOU?



How Do We Compare?

DNS Templates	✓	✗
Vanity Name Servers	✓	✓
Real-Time Logging of DNS queries	✓	✗ Basic logging provided without IP, network, and additional flags part of the query.
DNS query reporting	✓	✓ Basic features only
Weighted Round Robin	✓	✓ Limited features
Multi-User Access	✓ Full Read, Write, and Commit role delegation. ISO2701 and ISO2702 compliance.	✓ Limited role functionality
Bulk Modification and Search Capabilities	✓	✗
Domain Tagging and Alert Notifications	✓	✗
Domain versioning and rollback	✓	✗
Real-Time Anomaly Detection (artificial intelligence/machine learning)	✓	✗
Dedicated DNS specialists and support	✓	✗
BGP Peers Observed	✓ 3,107 PEERS	✗ 429 PEERS

11490 Commerce Park Dr.
Ste 140
Reston VA, 20191

 CONSTELLIX.COM

 +1 703.880.2007

 sales@constellix.com

1. https://www.theregister.com/2019/10/22/aws_dns_ddos/
2. https://www.theregister.com/2019/10/22/aws_dns_ddos/
https://medium.com/@datapath_io/recent-aws-outage-andhow-you-could-have-avoideddowntime-7d9d9443d776