



ULTRADNS NEUSTAR COMPARISON

NOTABLE FEATURES



WHY CONSTELLIX IS A BETTER ALTERNATIVE TO ULTRADNS/ NEUSTAR

CONSTELLIX HAS WINNING 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 20 PoPs worldwide and located at crucial peering points for optimal connectivity.

CONSTELLIX HAS ADVANCED 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.

SMART GEODNS ROUTING



Constellix offers a powerful set of tools that allow you to segment 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 optimize routing for different networks or regions.

UNMATCHED 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.

CONSTELLIX INTEGRATED DNS FAILOVER SUITE



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.

CONSTELLIX OFFERS 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](https://constellix.com)

 +1 703.880.2007

 sales@constellix.com

We're Dedicated to DNS. There is no competition.



neustar



100% Uptime
History

Constellix has 100%
uptime service history



UltraDNS/ Neustar has
had multiple outages.

Easy wizards and import utilities



IP Anycast DNS network (DNS)



24/7/365 Technical Support



Multi-factor authentication and SSO



DNS Failover on A / AAAA / CNAME/
and ANAME records.



Limited

Geo DNS Capabilities



Limited

MultiCDN capabilities



Yes (Limited Functionality)

Full API Capabilities



GUI Interface for DNS management



DNS Templates



Vanity Name Servers



Limited

Real-Time Logging of DNS queries



DNS query reporting



Weighted Round Robin



ANAME (Alias records)



Yes (Limited Functionality)

Multi-User Access



Real-Time Anomaly Detection (artificial
intelligence/machine learning)



Top tier DNS speeds



Dedicated DNS specialists and support



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sales@constellix.com

With 100% uptime, the decision is easy.



Recent UltraDNS / Neustar Outages

2021 Outage: <https://constellix.com/news/customers-report-neustar-ultradns-outage>

2015 Outage: <https://blog.thousandeyes.com/ultradns-outage-october-2015/> Collateral Damage

The UltraDNS outage impacted a number of major services. As was widely reported, Netflix suffered an outage for approximately 90 minutes. In addition, Ameritrade, eTrade, Expedia, Pornhub, Uber and Zions Bank had outages or lower availability caused by UltraDNS.

You can see the data with these interactive data sets:

Netflix: <https://fvbmuc.share.thousandeyes.com>

Expedia: <https://otnzhceil.share.thousandeyes.com>

Zions Bank: <https://lpvoekko.share.thousandeyes.com>

DNS BY THE NUMBERS

3,195+
PEERS



3,195+ Peers
VS
UltraDNS/Neustar:
40 peers

500%
FASTER



2.11_{ms} avg
VS
UltraDNS/Neustar:
11.32_{ms} avg

290+
Gbps



Peer Capacity
VS
UltraDNS/
Neustar: 21Gbps

100%
UPTIME



10+yr Uptime
VS
UltraDNS/
Neustar: No