

Product Brief

No Hardware to Deploy

No Software to Configure

TZO has been a leading provider of commercial grade, reliable, dynamic DNS services for more than **15 years**. No one else comes close to our mature feature base and reliable performance.

TZO's existing customer base is spread across 70 countries around the world. The commercially proven DNS infrastructure, TZO-NET is a redundant, fully meshed world-wide infrastructure residing at only A1 rated co-location facilities.

Load Balancing

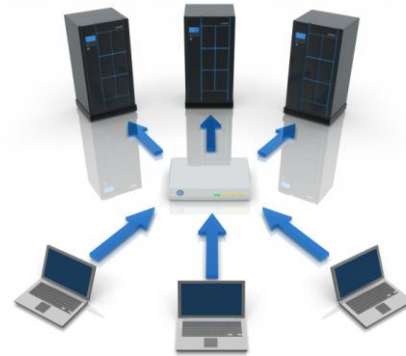
TZO-HA can also be configured to provide load balancing across **25 or more** participating servers/IP's. Even if they are in different geographic areas, TZO-HA will distribute the traffic across all active servers.

Weighted Server Priority

Configure TZO-HA to equally balanced traffic across all participating servers, or percentage balance traffic to each IP or server based on resources available.

"Intelligent" round robin

When a server fails, TZO-HA removes it from the rotation however it continues to monitor all the servers. When the server is back online TZO-HA automatically returns it to the rotation and restores the originally specified weight to each server.



- In Bound Load Balancing
- Percentage Based Load Balancing
- Degraded Server Awareness
- Guaranteed SLA's
- Session Persistence
- Immediate Notification
- Web Based Control Panel

TZO-HA eliminates typical DNS propagation delay!



TZO maintains an ANYCAST infrastructure with twelve redundant DNS server locations across North America, Europe and Asia-Pacific. These sites are connected through six different major Internet backbones. This ensures that all DNS records are protected against any geographic disruption and against the failure of any one primary Internet backbone.

A Fraction of the cost of HW based Load Balancers

TZO-HA performs many of the same functions of hardware devices costing 20 to 80 times more. Because it's a service TZO-HA does not require the same level of training and cost of maintenance that a hardware or software implementation requires.

TZO-HA provides for various notification mechanisms

Notification of a server outage is immediate, and can be delivered in a number of formats. For any TZO-HA action, many notification options are available. Standard email, pager, text message, or what ever makes sense for the implementation.

MPM, Multi Point Monitoring.

TZO-MPM™ allows for the definition of 1, 2, 3 or more monitoring locations all testing the availability of a defined server. Multiple monitoring points (MP's) are crucial for highly available environments.

Sticky Sessions

Session based persistence is a methodology that ensures when a session is started and is directed to a participating server, the session will remain on that server as long as that session is active.

Degraded Server Action

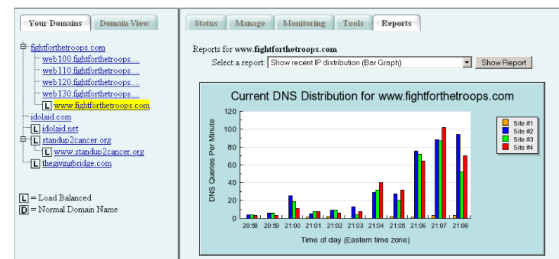
TZO-HA will detect a server in a degraded state. Our monitoring establishes a base line whereby if a monitoring process for a given server exceeds a pre-configured number a server can be defined as in a degraded state. TZO-HA can notify on this event as well as apply a preconfigured percentage number to reduce the amount of traffic being sent to the degraded server while still allowing it to participate in the Load Balancing scheme.

Browser Based Control

A secure web-based Control Panel allows complete control over the TZO-HA service. A version of the Control Panel runs on any smart phone with Internet access and a web browser supporting SSL for remote access to the TZO-HA controls.

Traffic Balance Reporting

The control panel allows for real time visibility into exactly how traffic is being managed.



TZO-HA complements existing load balancing devices.

If you're using a load balancing device at one or more of your installations, TZO-HA can balance the load among your locations while your load balancing device can balance the load within each location. Using TZO-HA to augment your hardware load balancing devices protects against failure of the load balancing device and protects against the loss of connection to one or more of your data centers.

Protocol Monitoring

TZO-HA can monitor different protocols, HTTP, HTTPS, SMTP, FTP, TELNET, SIP, PING (ICMP), POP3 and many more. By request other protocols can be added.

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