

Enterprise R16 Load Balancer

The R16 is the Loadbalancer.org entry level load balancer. Allowing budgets to be met without having to compromise on performance. Small, light and very powerful: 3 million+ concurrent connections. Ideal for large critical environments Cluster ready, all the configuration on the master is auto-replicated to the slave. Limited to 16 servers.

This great appliance is now available on the hardware platform of your choice, solid state high performance SuperMicro or 3 years on-site engineer as standard with Dell? The choice is yours...



The Loadbalancer.org appliance - ENTERPRISER16 is the fastest way to scale your web site. Simply place two of the Ultra-reliable Loadbalancer.org appliances (in fail-over mode) between your firewall and your web servers. All web requests are handled by the load balancer and dispatched to individual web servers based on the scheduling algorithm you select. If any web server fails a health check it is immediately taken out of the cluster so that your customers are not affected.

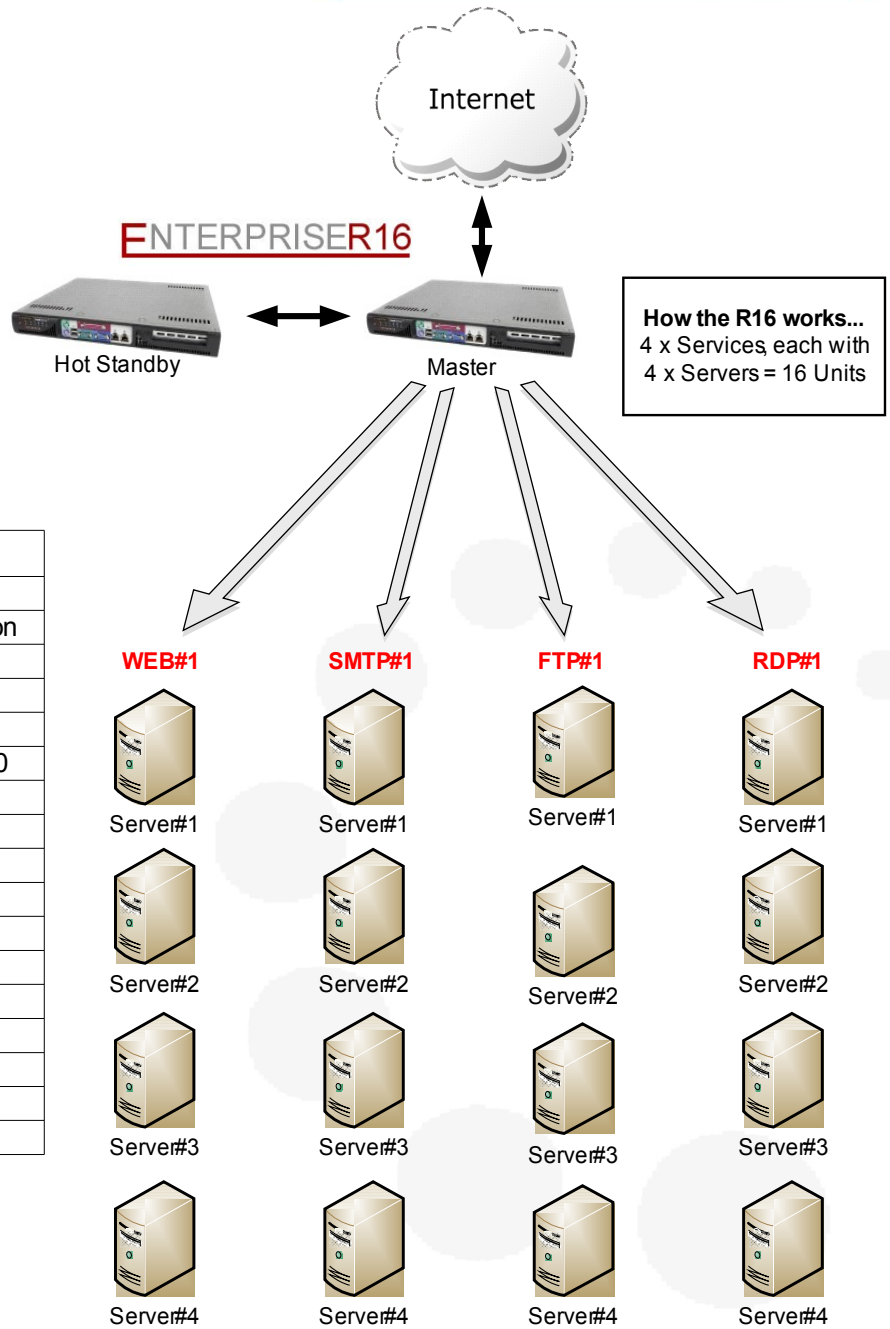
- High capacity 1GB RAM, 2 * 10/100/1000 NICs & 4Gb Flash Storage
- High performance Direct Routing, TUN, Single or Dual NIC NAT
- Schedulers: Round Robin, Least Connection, Weighted Least Connection, Weighted Round Robin
- Dynamic Schedulers : Windows & Linux feedback agents, Custom HTTP feedback option
- Simple port connect or complex content negotiation health checks
- Automatic replication of static & dynamic configuration from master to slave load balancer
- Load balance ANY protocol i.e. HTTP, HTTPS, SMTP, POP3, IMAP, Terminal Server etc.
- Persistence (sticky) by source IP address or subnet
- Real time status and daily, monthly, weekly & yearly graphical statistics
- 3 million+ simultaneous load balanced TCP connections using 1GB RAM.
- Full layer 7 proxy support including cookie insertion/inspection
- SSL Termination to enable layer 7 cookie inspection
- Unlimited throughput (up to 1Gbs) in the default Direct Routing mode
- The R16 is Restricted to 16 servers; 4 real X 4 virtual

Why do I need two load balancers?

As well as performance, you want to achieve High-Availability (HA). Furthermore, maintenance is no longer a problem and does not require downtime.

The R16 enables those with a tight budget to get the power they need to start and then upgrade the licence as they grow.

Small, light and powerful: 3 million+ concurrent connections. Ideal for large critical environments
Cluster ready, all the configuration on the master is auto-replicated to the slave.



Specification	
Gigabit Nic's	2
CPU	2.4 Celeron
Architecture	64-Bit
RAM	1Gb
Simultaneous Connections	
Layer 4	3,000,000
Layer 7	32,000
Throughput	
Layer 4	1Gbs+
Layer 7	800Mbs
SSL Connections/s	700
Feed Back Agents	Yes
802.1 & 802.3ad Support	Yes
High Availability	Yes
Solid State	Yes
Real Servers	*4
Virtual Servers	*4

* Upgradable to Unlimited



The TOMMIE ASP hosting solution uses a Loadbalancer.org Enterprise clustered pair to help us to balance the load across our web server farm. The solid state design, use of Open Source software and excellent value offered were major factors in deciding to go for this solution.

Paul Trickey Development Director



"Eurogamer have been very happy with loadbalancers from Loadbalancer.org, particularly due to their speed and stability. We have had no down-time from our device in over 2 years and they have handled significant traffic (>15,000,000 page impressions/month) without a hiccup.

Nick Loman, Director



Our technical team found that the Enterprise Clustered Pairs were incredibly easy to install and configure, but the most important feature of the Clustered Pairs is that they have continued to do their job invisibly for over a year without anybody going near them."

Andrew Saba, MediaHigh

