

PRODUCT OVERVIEW

APPLICATION DELIVERY CONTROLLERS

Help ensure high availability, speed and security of your critical applications and data.

Rackspace offers a broad suite of industry-leading application delivery controllers (ADCs) – all backed 24x7x365 by **Fanatical Support**[®]. Fully managed, dedicated ADCs from F5 Networks and Brocade provide network speed and high availability while helping to secure your critical applications across dedicated servers, cloud servers and multiple data centers. Whether you need load balancing or more advanced security features, our certified network engineers can custom configure and manage your ADCs.

WHY RACKSPACE FOR APPLICATION DELIVERY CONTROLLERS?

Rackspace delivers Fanatical Support for the world's leading clouds. At Rackspace, you can adopt the latest ADC technologies without the capital investment of purchasing and managing the hardware yourself. Our goal is to provide our users with the best possible experience, protection and support, using state-of-the-art tools and techniques. And we back our service with industry-leading SLAs.

KEY BENEFITS

Help ensure that your critical applications are available and secure with ADCs.

BUILT FOR SPEED: Get top network performance and offload SSL processing from servers to an ADC. We offer ADCs capable of processing up to 40 Gbps of L4 throughput, 1.6 million L7 requests per second and 25,000 SSL transactions per second (2K keys).

HIGH AVAILABILITY: Deliver the best user experience and utilization of network resources by load-balancing traffic across dedicated servers, cloud servers, geographic regions and multiple data centers (including your on-premises data centers) for high application availability.

ADVANCED SECURITY: Help secure your applications and data with ADCs offering advanced hardware and software security measures such as SYN flood protection, FIPS SSL and advanced firewall and access policy management software.¹

EXPERTISE

ADC configuration can be complicated. That's why you can rely on the certified network engineers at Rackspace to configure and manage your ADCs 24x7x365.

- With 6,000+ ADCs deployed, our certified network engineers have the expertise to help ensure your applications are secure, highly available and operating at the highest levels.
- 250+ on-site Network Security Engineers work around the clock to monitor and vet security vulnerabilities and apply critical supplier software patches when needed, to give you peace of mind.
- Our on-site experts have F5 Certified BIG-IP Administrator (CA) and F5 Certified Technology Specialists (CTS) certifications.

SERVICE

We deliver Fanatical Support to the world's leading clouds – it's our specialized expertise and 24x7x365, results-obsessed customer service that's been a part of our DNA since 1999. Here are a few other ways we provide service:

- We offer the broadest suite of dedicated ADCs from F5 Networks and Brocade to help you get the most of out of your infrastructure investment and scale your infrastructure to the cloud.
- If configuring and managing multiple deployments across environments will overwhelm you and your staff, you'll definitely benefit from the high level of service and expertise we provide while managing these complicated devices.

TRUST RACKSPACE

- A leader in the 2015 Gartner Magic Quadrant for Cloud-Enabled Managed Hosting
- Hosting provider for over 60% of the Fortune 100
- 15+ years of hosting experience
- Customers in 120+ countries

"WE REALIZED THAT THIS KIND OF INFRASTRUCTURE WAS GOING TO WORK, BECAUSE ONCE WE STARTED BRINGING THOSE SERVERS UP AND ADDING THEM TO THE APPLICATION, THINGS IMPROVED IMMEDIATELY. OUR USERS WERE ABLE TO PROCESS IMAGES FASTER, AND IT WAS ALSO MORE RELIABLE BECAUSE WHEN ONE SERVER HAD AN ISSUE, THE OTHER SERVERS PICKED IT UP."

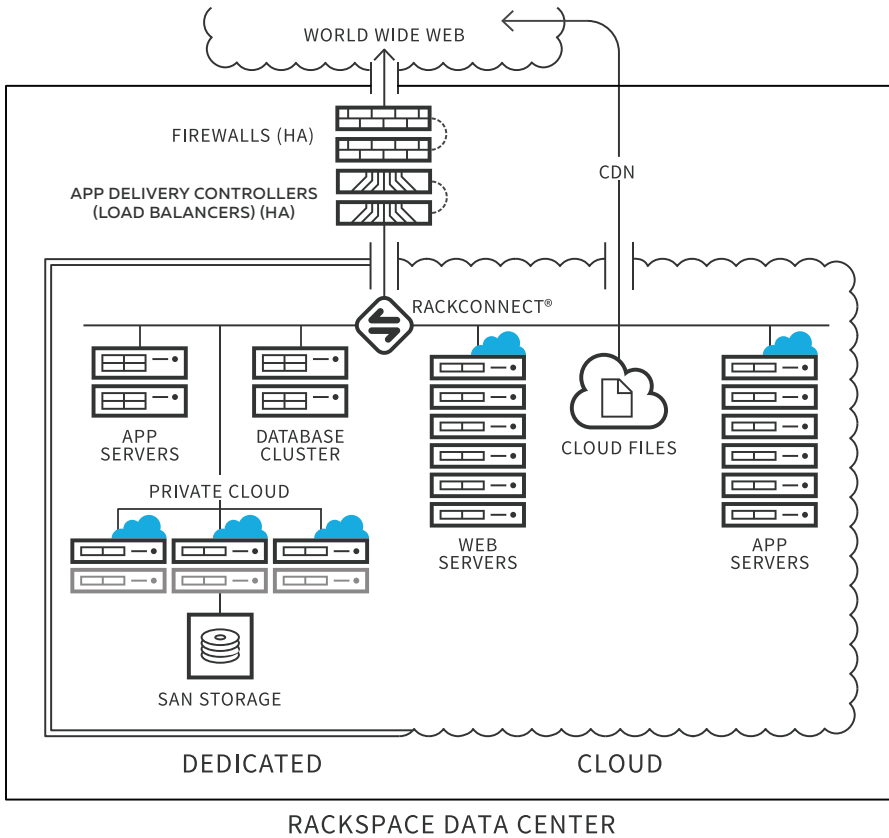
Chris Henry :: Head of Technology, Behance

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ARCHITECTURE

SCALE YOUR DEDICATED/HYBRID NETWORK WITHOUT SACRIFICING PERFORMANCE.

- Hardware-based, dedicated ADCs load balance traffic across both dedicated servers and cloud servers.
- Size your dedicated environment to its normal capacity and burst to the cloud during peak traffic times.
- Cloud servers can be automatically added to your ADC, enabling you to scale on demand.

PRODUCT SPECIFICATIONS

FEATURE	BROCADE			F5 NETWORKS				
	Base ²	Performance	Performance Plus	BIG-IP 1600	BIG-IP 3600	BIG-IP 2000s, 2200s	BIG-IP 5200v, 5250v (FIPS SSL)	BIG-IP 7200v, 7250v (FIPS SSL)
Hardware platform	ADX 1000 series			BIG-IP 1600	BIG-IP 3600	BIG-IP 2000s, 2200s	BIG-IP 5200v, 5250v (FIPS SSL)	BIG-IP 7200v, 7250v (FIPS SSL)
Software	Base ²	Performance	Performance Plus	BIG-IP Local Traffic Manager				
L4/L7 throughput	2 Gbps	4.5 Gbps	9 Gbps	1 Gbps	2 Gbps	5 Gbps	30 Gbps / 15 Gbps	40 Gbps / 20 Gbps
L4 connections per second (CPS)	50K	100K	200K	60K	115K	75K, 150K	700K	775K
Max L4 concurrent connections	4M	8M	16M	–	8M	5M	24M	24M
Max SSL TPS 2k key	938	1,875	2,750	1,000 ³	1,000 ³	2,000; 4,000	21,000	25,000
FIPS SSL 140-2 Level 2 option	–	–	–	–	–	–	5250v: 5k TPS (2K keys); 12 Gbps bulk encryption	7250v: 9k TPS (2K keys); 18 Gbps bulk encryption
Hardware DDoS protection	3.75M packets per second	7.5M packets per second	15M packets per second	–	–	–	40M SYN cookies per second	40M SYN cookies per second
Port speed options: 1 GbE / 10 GbE	8 / –	16 / –	16 / 2	4 / 2	8 / 2	8 / 2	4 / 8	4 / 8
Additional software modules	–	Global Server Load Balancing ¹		BIG-IP Global Traffic Manager, BIG-IP Advanced Firewall Manager, BIG-IP Access Policy Manager, BIG-IP Application Acceleration Manager				
RackConnect ready	RackConnect version 3.0			RackConnect version 2.0, 3.0				

¹Advanced security features available on select F5 Networks BIG-IP platforms. ²Base software license for new customer Brocade ADX deployments is no longer available. ³Additional software license required for maximum SSL performance.