

# Cbeyond Cloud Services Network Topology

Multiple Tier 1 backbone providers for high performance global connectivity

BGP4 keeps routers updated on current state of all Internet routes & selects best route to follow for every request

Fully redundant capacity planning; capacity for all carriers is increased when we reach 50% utilization in case of failover scenario

Total packet inspection of every packet coming into & out of the network

Eradicates worms, Trojans, viruses, blended attacks, DoS, DDoS, back-doors, Walk-in Worms & bandwidth hijacking

Provides DNS protection

Provides zero-hour protection against new vulnerabilities using Digital Vaccines

Utilizes real-time subscriptions for signature updating

Hitless switchover for RE switchover with non-stop forwarding

Virtual Router Redundancy Protocol (VRRP) for high availability

Edge network attack detection, stateful firewall, DoS & DDoS protection

Additional ubiquitous security features such as port mirroring, encrypted management session traffic & secure tunneling capabilities

Detects over 600 types of application attacks using Deep Inspection

Protection against malformed packet requests & fragmented packet assembly

Detects protocol anomaly in search of malicious requests

Foundry Enterprise Core Switching

Enterprise Load Balancers



Cloud Servers



Dedicated Servers



Shared Services

