

NEXT GENERATION SD-WAN

is a transformational way to architect, deploy and operate corporate WANs, as it provides a simplified way of deploying and managing remote branch office connectivity in a cost-effective way.

VIRTUAL WAN FABRIC

- Secure overlay fabric
- Transport independence
- Network segmentation

SD-WAN GATEWAY

- Local policy enforcement
- WAN path selection, network QoS, firewall, service chaining
- Telemetry feedback loop to/from SD-WAN controller

SD-WAN CONTROLLER

- Establishes and manages Secure virtual overlay to sites
- Defines service chains to enable policy goals
- Manages distribution of interpreted Policy to individual elements

MANAGEMENT PORTAL

- Single-pane of glass for network configuration and management : cloud- hosted and on-premises
- Zero-touch provisioning
- Portal where user defines global policies
- Aggregated visibility on application performance



SD-WAN FEATURES

| | |
|---------------------------------|---|
| Routing | OSPF, BGP, Static, PBR |
| User Experience | Application Prioritisation over available WAN |
| GPS (Optional) | Geo-location tagging for device Geo fencing |
| VPN | Site-to-Site, L2TP, GRE, DMPVN, Remote VPN |
| QOS | Shaping policy, Rate Limiter, Traffic Policies IPv4/IPv6, Traffic Shaper, DSCP tagging |
| NAT | Source NAT, Destination NAT, NATv6, NAT Traversal |
| Network Visibility | Streaming Telemetry |
| Dynamic Multi-path Optimisation | KPI's – Jitter, Packet Loss, Latency, Per packet, Per Flow load balancing, Link Aggregation |
| Application Visibility | 800 + Applications, Application Awareness |
| High Availability | VRPP, Clustering |
| WAN overlay over Cloud | Public - AWS, Azure, Private |
| WAN Policy | WAN Aggregation, LTE and Broadband intelligent KPI based switchover |
| Troubleshooting | Bandwidth Measure, IPERF, Packet Capture, Alerts, Logs |



| HARDWARE SPECIFICATION | |
|------------------------------------|--|
| Product sku | iEdge-1000 |
| Appliance Model | iEdge1K-SDWAN |
| Deployment Mode | Data Center |
| Core | 16 |
| Memory | 32 GB |
| Storage | 256 GB SSD |
| Interfaces | Universal 8 x 1GbE LAN, 2 x 10G SFP+, 1XUSB, 1XConsole |
| Power rating | 230V, 450W(50-60Hz) AC Power Supply |
| Dual Power Supply | 1+1 redundant, hot-plug |
| PERFORMANCE | |
| Application visibility throughput | 8 Gbps |
| IPSec VPN throughput | 4 Gbps |
| Connections per second | 450000 |
| SESSIONS | |
| Max sessions (IPv4 or IPv6) | 4 Million |
| POLICIES | |
| NAT rules | 4000 |
| ROUTING | |
| IPv4 forwarding table size | 2250 |
| IPv6 forwarding table size | 4750 |
| NAT | |
| Total NAT rule capacity | 2500 |
| HIGH AVAILABILITY | |
| Devices supported | 2 |
| Max virtual addresses | 2 |
| QOS | |
| Number of QoS policies | 475 |
| Physical interfaces supporting QoS | 10 |
| DSCP marking by policy | Yes |
| IPSEC VPN | |
| Max IKE Peers | 2500 |
| Site to site (with proxy id) | 2500 |
| INFINXT REMOTE ACCESS VPN | |
| Max tunnels (Client based IPSec) | Unlimited |
| MULTICAST | |
| Replication (egress interfaces) | 95 |
| Routes | 1900 |



Registered Office :
Teerth-Technospace, C-609,
Bangalore-Mumbai Highway, Baner,Pune, IN – 411045
Website : www.infinitylabs.inEmail: sales@infinitylabs.in

- Founded in 2014, Infinity Labs is one of the fastest growing Technology Consulting & Software Solutions.
- Serving customers across the Globe (India, US, UK & Middle East)
- Solutions customised for Telecom, Banking, Media, Retail, Education & Government verticals