

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	VRRP, 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-100
Appliance Model	iEdge100-SDWAN
Deployment Mode	Branch/Hub
Core	4
Memory	8 GB
Storage	64 GB SSD
Interfaces	Universal 4x10/100/1000 Mbps 2 x USB 1x HDMI
Power supply	1 X 230V 1.5A(50-60Hz) to 12V/19V 5A AC/DC adapter
PERFORMANCE	
Application visibility throughput	500
Connections per second	25000
IPSec VPN throughput	250 Mbps
SESSIONS	
Max sessions (IPv4 or IPv6)	245000
SECURITY PROFILES	
Security Profiles	38
ROUTING	
IPv4 forwarding table size	2400
IPv6 forwarding table size	2400
NAT	
Total NAT rule capacity	325
HIGH AVAILABILITY	
Devices supported	2
Max virtual addresses	2
QOS	
Number of QoS policies	93
Physical interfaces supporting QoS	4
DSCP marking by policy	Yes
IPSEC VPN	
Max IKE Peers	200
Site to site (with proxy id)	200
INFINXT REMOTE ACCESS VPN	
Max tunnels (Client based IPSec)	Unlimited
MULTICAST	
Replication (egress interfaces)	95
Routes	475



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