



# Inflnxt

THE NEXT GENERATION SECURE SD WAN



## NEXT GENERATION SECURE 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

### SECURE 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	3000+ 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

### NGFW

- APP-ID Support
- USER-ID Support
- L7 Inspection
- SSL Decryption
- Captive Portal
- Application Visibility
- DoS Protection
- URL Filtering
- DNS Protection
- Anti Virus & Malware Protection
- Sandboxing, Wildfire\*



\* Wildfire subscription can be activated through additional license

- \* Firewall through put measured with App- ID and User-ID features enabled utilizing App mix transactions.
- \* Threat prevention throughput measured with App-ID, User-ID,IPS, antivirus and anti-spyware features enabled utilizing App Mix transaction.
- \* New sessions per second measured with 1byte http transactions. Additionally, for VM models, please refer to hypervisor, cloud specific data sheet for associated performance.

HARDWARE SPECIFICATION	
Product sku	iEdge-100
Appliance Model	iEdge100-SDWAN-IL-PA-VM50
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	
App-ID Firewall throughput	190 Mbps
Threat prevention throughput	95 Mbps
IPSec VPN throughput	95 Mbps
Connections per second	2850
SESSIONS	
Max sessions (IPv4 or IPv6)	60800
POLICIES	
Security rules	250
Security schedules	256
NAT rules	400
Decryption rules	100
App override rules	100
Tunnel content inspection rules	100
Policy based forwarding rules	100
Captive portal rules	10
DoS protection rules	100
SECURITY ZONES	
Max security zones	2
OBJECTS (ADDRESSES AND SERVICES)	
Address objects	2375
Address groups	119
Members per address group	2375
Service objects	950
Service groups	238
Members per service group	475
SECURITY PROFILES	
Security Profiles	38
APP-ID	
Custom App-ID signatures	6000
Shared custom App-IDs	512

USER-ID	
IP-User mappings (management plane)	524288
IP-User mappings (data plane)	64000
Active and unique groups used in policy	1000
Number of User-ID agents	100
Monitored servers for User-ID	100
SSL DECRYPTION	
Max SSL inbound certificates	1000
SSL certificate cache	128
Max concurrent decryption sessions	973
URL FILTERING	
Total entries for allow list, block list and custom categories	25000
Max custom categories	2849
ROUTING	
IPv4 forwarding table size	2375
IPv6 forwarding table size	2375
NAT	
Total NAT rule capacity	350
HIGH AVAILABILITY	
Devices supported	2
Max virtual addresses	2
QOS	
Number of QoS policies	95
Physical interfaces supporting QoS	4
DSCP marking by policy	Yes
IPSEC VPN	
Max IKE Peers	238
Site to site (with proxy id)	238
INFINXT REMOTE ACCESS VPN	
Max tunnels (Client based IPSec)	Unlimited
MULTICAST	
Replication (egress interfaces)	95
Routes	475



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