

## vNGAF

### Sangfor Virtual NGAF (VMware ESXi Platform)

Model	vmAF02	vmAF04	vmAF08	vmAF16
Firewall Throughput <sup>1</sup>	7.7Gbps	14.7Gbps	25Gbps	30.5Gbps
NGFW Throughput <sup>2</sup>	1.6Gbps	3Gbps	5.8Gbps	9.5Gbps
Threat Prevention <sup>3</sup>	1.2Gbps	2.3Gbps	4.8Gbps	8Gbps
Concurrent Session(TCP)	810,000	1,500,000	2,750,000	5,100,000
New Session(TCP)	35,000	70,000	130,000	240,000

Notes:

\* All performance values are "up to" and vary depending on the real system specification;

\* The performance values are observed using environment: Intel(R) Xeon(R) Processor E5-2690 v4 2.60GHz, 28C, 128GB RAM, 1TB SSD. VMware ESXi 6.5

<sup>1</sup> Firewall throughput is measured using 1518 Bytes UDP Packets.

<sup>2</sup> NGFW Throughput is measured with Firewall, Bandwidth Management, IPS, Application Control.

<sup>3</sup> Threat Prevention Throughput is measured with Firewall, Bandwidth Management IPS, Application Control, Anti Virus

## System Requirements

Model	VMAF02	VMAF04	VMAF08	VMAF16
Virtualization Platform	VMware ESXi 6.5 or higher	VMware ESXi 6.5 or higher	VMware ESXi 6.5 or higher	VMware ESXi 6.5 or higher
CPU	2 vCPU	4 vCPU	8 vCPU	16 vCPU
Memory	4GB	8GB	16GB	32GB
Disk Space (Thin Provisioning)	128GB	128GB	128GB	128GB

