



CRiV-1C

CRiV-2C

CRiV-4C

CRiV-8C

CRiV-12C

Technical Specifications

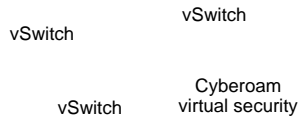
Hypervisor Support	Vmware ESX/ESXi 4.0/4.1/5.0, VMware Workstation 7.0/8.0/9.0, VMware Player 4.0/5.0, Microsoft Hyper-V 2008/2012, KVM, Citrix XenServer				
vCPU Support (Min / Max)	1 / 1	1 / 2	1 / 4	1 / 8	1 / 12
Network Interface Support (Min / Max*)	3 / 10	3 / 10	3 / 10	3 / 10	3 / 10
Memory Support (Min / Max)	1 GB / 4 GB	1 GB / 4 GB	1 GB / 4 GB	1 GB / 4 GB	1 GB / 4 GB

System Performance\*

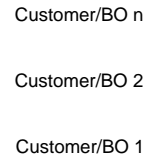
Firewall Throughput (UDP) (Mbps)	1,500	3,000	3,500	4,000	4,000
Firewall Throughput (TCP) (Mbps)	1,200	2,500	3,000	3,500	4,000
New sessions/second	25,000	30,000	40,000	50,000	60,000
Concurrent sessions	230,000	525,000	1,200,000	1,500,000	1,750,000
IPSec VPN Throughput (Mbps)	200	250	300	350	400
No. of IPSec Tunnels	200	1,000	1,500	2,000	2,500
SSL VPN Throughput (Mbps)	300	400	550	550	750
WAF Protected Throughput (Mbps)	300	500	800	1,400	1,550
Anti-Virus Throughput (Mbps)	900	1,500	2,000	2,200	2,450
IPS Throughput (Mbps)	450	750	1,200	1,800	1,900
Fully Protected Throughput** (Mbps)	250	450	1,000	1,400	1,550
Authenticated Users/Nodes	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited

Scenarios

Virtual Data Center

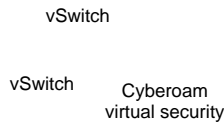


MSSP/ Enterprise Security-in-a-box



BO = Branch office

Office-in-a-box



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Actual performance may vary depending on the real network traffic environments. Performance values given above were observed using server with Intel Xeon E5645 (2.4 GHz) and E1000E Ethernet Drivers, running VMware version ESXi 5.0 (Update 1) with 4 GB vRAM assigned to CR Virtual Security Appliance. \*The Number depends on the Hypervisor you are using. \*\*Antivirus, IPS and Fully Protected Throughput performance is measured based on HTTP traffic as per RFC 3511 guidelines. Actual performance may vary depending on the real network traffic environments. \*\*Fully Protected Throughput is measured with Firewall, IPS, Web & Application Filtering and Anti-Virus features turned on.

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