

Network

Questions	AWS	Azure		Google Cloud Platform	IBM Cloud	OTC	OVH
Is network monitoring available?	yes	yes		yes	yes	yes	yes
Is a Content Delivery Network (CDN) available?	yes	yes		yes	yes	yes	yes
Sample Measurements 1) Same AZ 2) Different AZ 3) Different Region	<p>Iperf Result: 1) TCP: Bandwidth Sender: 4160 Mbits/sec Receiver: 4160 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 4500 Mbits/sec Receiver: 4490 Mbits/sec</p> <p>3) TCP: Bandwidth Sender: 674 Mbits/sec Receiver: 672 Mbits/sec</p>	<p>Iperf Result: 1) TCP: Bandwidth Sender: 920 Mbit/sec Receiver: 918 Mbit/sec</p> <p>2) TCP: Bandwidth Sender: 904 Mbit/sec Receiver: 902 Mbit/sec</p> <p>3) TCP: Bandwidth Sender: 936 Mbit/sec Receiver: 935 Mbit/sec</p>		<p>Iperf Result: 1) TCP: Bandwidth Sender: 1830 Mbit/sec Receiver: 1830 Mbit/sec</p> <p>2) TCP: Bandwidth Sender: 888 Mbit/sec Receiver: 887 Mbit/sec</p> <p>3) TCP: Bandwidth Sender: 1050 Mbits/sec Receiver: 1050 Mbits/sec</p>	<p>Iperf Result: 1) TCP: Bandwidth Sender: 919 Mbits/sec Receiver: 918 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 916 Mbits/sec Receiver: 914 Mbits/sec</p> <p>3) TCP: Bandwidth Sender: 738 Mbits/sec Receiver: 737 Mbits/sec</p>	<p>Iperf Result: 1) TCP: Bandwidth Sender: 557 Mbits/sec Receiver: 555 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 700 Mbits/sec Receiver: 697 Mbits/sec</p> <p>3) N/A</p>	<p>Iperf Result: 1) TCP: Bandwidth Sender: 245 Mbits/sec Receiver: 243 Mbits/sec</p> <p>2) N/A</p> <p>3) TCP: Bandwidth Sender: 244 Mbits/sec Receiver: 243 Mbits/sec</p>
Public IPs - Public IPs for VMs? - Available kinds of public IPs for VMs - Public IPs for Load Balancers? - Available kinds of public IPs for Load Balancers	<p>yes floating / static</p> <p>yes static</p>	<p>yes floating / static</p> <p>yes static</p>		<p>yes floating / static</p> <p>yes static</p>	<p>yes floating/static</p> <p>yes static</p>	<p>yes static</p> <p>yes static</p>	<p>yes static</p> <p>yes static</p>
Is a dedicated network connection from datacenter to public cloud possible?	yes (AWS Direct Connect)	yes (Azure Express Route)		yes (Google Cloud Interconnect)	yes (IBM Cloud Direct Link)	yes (Direct Connect)	yes (OVHcloud Connect)
Network Security features (Network Traffic analysis, Network Security Groups)	<ul style="list-style-type: none"> - AWS Web Application Firewall - Network security groups - Network Traffic analysis 	<ul style="list-style-type: none"> - Azure Firewall - Azure Front Door - Azure Network Watcher - Azure Security Center - Azure DDoS protection - Network access control - Network layer control - Network security rules (NSGs) 		<ul style="list-style-type: none"> - Firewall - Network security groups - Network Traffic analysis 	<ul style="list-style-type: none"> - Network Security Groups - Firewalls (Multi VLAN, Single VLAN and Web App) - DDOS mitigation 	<ul style="list-style-type: none"> - Network Security Groups - Firewalls (Multi VLAN, Single VLAN and Web App) 	<ul style="list-style-type: none"> - Network Security Groups - Firewalls
VPN as a Service	yes	yes		yes	yes	yes	yes
Traffic costs per GB	\$ 0.02 USD / 1GB	<p>0 - 5GB: free</p> <p>5GB - 10TB: \$ 0.087 USD / 1GB</p>		\$ 0,02 / 1GB	\$ 0.09 / 1GB	\$ 0.075 / 1GB	\$ 0,00