

## 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:</p> <p>1) TCP: Bandwidth Sender: 4171 Mbits/sec Receiver: 4169 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 4557 Mbits/sec Receiver: 4454 Mbits/sec</p> <p>3) TCP: Bandwidth Sender: 677 Mbits/sec Receiver: 675 Mbits/sec</p>	<p>Iperf Result:</p> <p>1) TCP: Bandwidth Sender: 928 Mbit/sec Receiver: 926 Mbit/sec</p> <p>2) TCP: Bandwidth Sender: 902 Mbit/sec Receiver: 899 Mbit/sec</p> <p>3) TCP: Bandwidth Sender: 926 Mbit/sec Receiver: 925 Mbit/sec</p>		<p>Iperf Result:</p> <p>1) TCP: Bandwidth Sender: 2958 Mbit/sec Receiver: 2958 Mbit/sec</p> <p>2) TCP: Bandwidth Sender: 2955 Mbit/sec Receiver: 2955 Mbit/sec</p> <p>3) TCP: Bandwidth Sender: 3087 Mbits/sec Receiver: 2987 Mbits/sec</p>	<p>Iperf Result:</p> <p>1) TCP: Bandwidth Sender: 987 Mbits/sec Receiver: 987 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 987 Mbits/sec Receiver: 985 Mbits/sec</p> <p>3) TCP: Bandwidth Sender: 812 Mbits/sec Receiver: 803 Mbits/sec</p>	<p>Iperf Result:</p> <p>1) TCP: Bandwidth Sender: 593 Mbits/sec Receiver: 591 Mbits/sec</p> <p>2) TCP: Bandwidth Sender: 878 Mbits/sec Receiver: 875 Mbits/sec</p> <p>3) N/A</p>	<p>Iperf Result:</p> <p>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	yes floating / static yes static	yes floating / static yes static		yes floating / static yes static	yes floating/static yes static	yes static yes static	yes static yes static
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)	- AWS Web Application Firewall - Network security groups - Network Traffic analysis	- Azure Firewall - Azure Front Door - Azure Network Watcher - Azure Security Center - Azure DDoS protection - Network access control - Network layer control - Network security rules (NSGs)		- Firewall - Network security groups - Network Traffic analysis	- Network Security Groups - Firewalls (Multi VLAN, Single VLAN and Web App) - DDOS mitigation	- Network Security Groups - Firewalls (Multi VLAN, Single VLAN and Web App)	- Network Security Groups - Firewalls
VPN as a Service	yes	yes		yes	yes	yes	yes
Traffic costs per GB	\$ 0.02 USD / 1GB	0 - 5GB free  5GB - 10TB \$ 0,087		\$ 0,02 / 1GB	\$ 0.09 / 1GB	\$ 0.075 / 1GB	\$ 0,00