

Questions	AWS	Azure	Google Cloud Platform	IBM Cloud	OTC
Small VM: OS Ubuntu 16.04; 2vCPUs; 8GB RAM; min. 50GB HDD; Location: Germany, if unavailable: Western Europe, if unavailable: Europe	yes	yes	yes	yes	yes
Medium VM: OS Ubuntu 16.04; 4vCPUs; 16GB RAM; min. 50GB HDD; Location: Germany, if unavailable: Western Europe, if unavailable: Europe	yes	yes	yes	yes	yes
Large VM: OS Ubuntu 16.04; 8vCPUs; 32GB RAM; min. 50GB HDD; Location: Germany, if unavailable: Western Europe, if unavailable: Europe	yes	yes	yes	yes	yes
GPU support for the VM?	yes	yes	yes	yes	no
AutoScaling for VM?	yes	yes	yes	yes	yes
Availability Zones (i.e. Availability set) possible	yes	yes	yes	yes	yes
Startup-time (till time of availability)					
- Small	50 sec	105 sec	42 sec	365 sec	35 sec
- Medium	51 sec	108 sec	44 sec	792 sec	40 sec
- Large	52 sec	163 sec	42 sec	903 sec	42 sec
Count of steps until VM is created	7 steps	7 Steps	2 Steps	4 Steps	3 Steps
RAM throughput (sysbench, Block size 1k)					
- Read	813.27 MB/sec	4510.18 MB/sec	4295.24 MB/sec	640.75 MB/sec	4262.33 MB/sec
- Write	785.38 MB/sec	3517.93 MB/sec	3514.16 MB/sec	613.16 MB/sec	3469.08 MB/sec
CPU speed (geekbench)					
- Small Single Core	3203	3017	3002	2426	2910
- Small Multi Core	6104	3541	3831	4495	5375
- Medium Single Core	3372	3089	3058	2391	2928
- Large Single Core	11696	6559	7079	8282	9623
- Large Multi Core	3407	2925	2968	2442	2957
	21761	11200	13063	15133	16790
VM accessible via Console	no	yes	yes	yes	yes
Total cost of VM per month (732hrs)					
- Small	€ 69.91 / \$ 78.48	€ 75.29 / \$ 99.28	€ 56.01 / \$ 62.54	€ 80.63 / \$ 89.94	€ 74.75 / \$ 83.86
- Medium	€ 139.80 / \$ 156.95	€ 150.58 / \$ 198.56	€ 112.14 / \$ 125.09	€ 154.54 / \$ 172.39	€ 150.28 / \$ 168.60
- Large	€ 279.60 / \$ 313.89	€ 301.16 / \$ 350.40	€ 224.28 / \$ 250.18	€ 302.19 / \$ 337.10	€ 292.42 / \$ 328.20
	- OVA - VMDK - RAW - VHD/VHDX	- VHD - VMDK - VHDX - QCOW2 - RAW	- VMDK - VDH - RAW	- VMDK - AKI - ARI - AMI - QCOW2 - RAW	- VMDK - QCOW2 - RAW - VHD - VHDX
Supported disk formats / images	Amount CPUs: 128 RAM size: 1952 GB Disk size: 2048 GB	Amount CPUs: 128 RAM size: 3892 GB Disk size: 4096 GB Amount Disk: 64	Amount CPUs: 160 RAM size: 3844 GB Disk size: 64 TB Amount Disk: 128	Amount CPUs: 64 RAM size: 512 GB Disk size: 12 TB	Amount CPUs: 60 RAM size: 940 GB
Are there any limitations per VM?					
Can bare-metal servers be deployed via the cloud?	yes	no	yes	yes	yes
	- KVM - Xen	- Hyper-V	- KVM	- PowerVM - VMware ESX Server - Xen - KVM - z/VM	- XEN - KVM
Which hypervisor is used?					
Is autorecovery available	yes	yes	no	yes	yes