

Questions	AWS	Azure	Google Cloud Platform	SysEleven Stack
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 (heat stack)
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 (heat stack)
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 (heat stack)
GPU support for the VM?	yes	yes	yes	no
AutoScaling for VM?	yes	yes	yes	yes (as per questionnaire)
Availability Zones (i.e Availability set) possible	yes	yes	yes	yes
Startup-time (till time of availability)				
- Small	28sec	151sec	31sec	26sec
- Medium	30sec	192sec	44sec	28sec
- Large	33sec	n/a	46sec	31sec
Count of steps until VM is created	7 steps	4 Steps	5 Steps	2 Steps
RAM throughput (sysbench, Block size 1k)				
- Read	792.57 MB/sec	4224.71 MB/sec	3199.60 MB/sec	3500.09 MB/sec
- Write	759.62 MB/sec	2801.53 MB/sec	2283.16 MB/sec	2539.60 MB/sec
CPU speed (geekbench)				
- Small Single Core	3340	3268	2909	3303
- Small Multi Core	6343	3027	3818	5927
- Medium Single Core	3310	2975	3022	n/a
- Medium Multi Core	11546	9669	7227	n/a
- Large Single Core	3363	n/a	3065	n/a
- Large Multi Core	21687	n/a	13705	n/a
VM accessible via Console	no	no	yes	yes
Total cost of VM per month (732hrs, * = converted from USD)				
- Small	€65.67 *	€60.98	\$53.45 (per month) for Small	n/a
- Medium	€129.44 *	€121.97	\$106.90(per month) for Medium	n/a
- Large	€256.97 *	€243.94	\$213.80(per month) for large	n/a
Supported disk formats / images	- OVA - VMDK - RAW - VHD/VHDX	- VHD	- VMDK - VDH - RAW	- ISO - QCOW2 - RAW - AKI - AMI - KRI
Can bare-metal servers be deployed via the cloud?	yes	no	yes (containers only)	no
Which hypervisor is used?	- KVM	- Hyper-V	- VMware ESXi - KVM - Xen	- KVM