you keep using the term VM which is wrong in its entirety for OpenVZ, drop the idea of VM in OpenVZ. VPS are VE which are absolutely as close as you can get to a physical server

read the OpenVZ pdf and especially the section on vzsplit. the default config of VZ creates extremely conservative VE with maybe 24MB RAM capability. when you have divided your machine according to your hardware and expectations of VE, then limit each VE by editing the following:

these settings are for 256MB RAM 6GB Disk:

VMGUARPAGES="65536:xxxx" << xxxx = your RAM total
OOMGUARPAGES="65536:xxxx" << xxxx = your RAM total
PRIVVMPAGES="65536:75536"
SHMPAGES="6553:6553"
DISKSPACE="6291456:6291456" << 6x1024x1024 = 6GB

you can work the rest out yourself: double up for 512MB RAM and recalc the Diskspace for 5GB