Bridgelt kártya esetén:

```
# -*- mode: ruby -*-
# vi: set ft=ruby :

# Generated by VagrantGUI v0.2.0.4

Vagrant.configure("2") do |config|
  config.vm.box = "generic/ubuntu2204"
  config.vm.hostname = "VUbi1"
  config.vm.provider "virtualbox" do |prov|
    prov.memory = "1024"
    prov.cpus = 1
    prov.name = "VUbi1"
  end
  config.vm.network "public_network", auto_config: false, bridge: "ASIX AX88179A USB 3.2 Gen1 to Gigabit Ethernet
Adapter", ip: "192.168.201.201"
  config.vm.provision "shell", run: "always", inline: "localectl set-locale LANG=hu_HU.UTF-8"
  config.vm.provision "shell", run: "once", inline: <<-SHELL
    apt update
    apt -y upgrade
    apt -y install docker.io glusterfs-server git ntp
    echo "    eth1:" >> /etc/netplan/01-netcfg.yaml
    echo "      dhcp4: false" >> /etc/netplan/01-netcfg.yaml
    echo "      addresses: [192.168.201.201/24]" >> /etc/netplan/01-netcfg.yaml
    echo "      routes:" >> /etc/netplan/01-netcfg.yaml
    echo "        - to: default" >> /etc/netplan/01-netcfg.yaml
    echo "          via: 192.168.201.254" >> /etc/netplan/01-netcfg.yaml
    echo "      nameservers:" >> /etc/netplan/01-netcfg.yaml
    echo "        addresses: [192.168.201.254]" >> /etc/netplan/01-netcfg.yaml
    echo "      dhcp6: false" >> /etc/netplan/01-netcfg.yaml
    netplan apply
    echo "net.ipv6.conf.all.disable_ipv6 = 1" >> /etc/sysctl.conf
    adduser vagrant docker
    systemctl enable --now glusterd
    mkdir /apps
  SHELL
end
```

IP-k cserélődnek mindenhol!!!

GlusterFS kialakítás:

systemctl status glusterd.service
Manager gépen:
gluster peer probe 192.168.201.202
gluster peer probe 192.168.201.203
gluster peer status
gluster pool list
gluster volume create appsvol replica 3 192.168.201.201:/gluster-storage 192.168.201.202:/gluster-storage
192.168.201.203:/gluster-storage force
gluster volume start appsvol
gluster volume status
Minden gépen:
mkdir /apps
mount -t glusterfs 192.168.201.201:/appsvol /apps
echo 'localhost:/appsvol /apps glusterfs defaults,noauto,x-systemd.automount 0 0' |sudo tee -a /etc/fstab
chown root:docker /apps
Valamelyik gépen (pl.: manager):
mkdir /apps/uzenofal
cd /apps
git clone https://github.com/walakix/uzenofal_full.git

mv uzenofal_full/uzenofal_app.tar.gz .
rm -r uzenofal_full
tar -xzvf uzenofal_app.tar.gz
rm uzenofal_app.tar.gz

Swarm cluster kialakítás

docker swarm init --advertise-addr 192.168.201.201
Kiirt parancs másik gépen majd! Később lekérdezni:
docker swarm join-token worker
docker node ls
Másik 2 gépen:
docker swarm join --token SWMTKN-1-4l4gf136a4t8tkzd6n9z8mcp4k2928u2zyagcqklg0xuoauu33-au96zaewfqolhotwsaw938jas 192.168.201.201:2377
docker node ls

Swarm overlay network felvétele

Manager gépen
docker network create -d overlay sk_network
docker network inspect sk_network

Swarm szolgáltatások indítása:

docker service create **--name uzenofal_ab** --mount source=**/apps/uzenofal/ab**,target=**/var/lib/mysql**,type=bind --publish 3306:3306 --network sk_network **mysql/mysql-server:latest**
docker service list
docker service ps uzenofal_ab

docker service create --name uzenofal_web **-e MYSQL_SERVER_IP=192.168.**201**.201 -e HOSTNAME_ORIG=**{{.Node.Hostname}} --mount source=**/apps/uzenofal/web**,target=**/var/www/html**,type=bind --publish 888:80 --network sk_network **walaki/apache2_php-mysql:0.1**

docker service list
docker service ps uzenofal_web
docker service scale uzenofal_web=3
docker service ps uzenofal_web

docker node ls
docker node update --label-add nodeid=VUbi1 VUbi1
docker node update --label-add nodeid=VUbi2 VUbi2
docker node update --label-add nodeid=VUbi3 VUbi3
docker node update --label-add manager VUbi1
docker node inspect VUbi1

docker service create --name revproxy --mount source=**/apps/**uzenofal/**revproxy**,target=**/etc/nginx/conf.d**,type=bind --network host --constraint node.labels.nodeid==VUbi1 **nginx:latest**

docker service list
docker container ls
docker container stop <ID>
docker service rm uzenofal_web

```
docker service rm uzenofal_ab

index.php-be:
echo getenv('HOSTNAME_ORIG')." - ".getHostByName(gethostname())." - ".
$_SERVER['HTTP_HOST'] ."<br>";
db_newrecord($msg,$_SERVER['HTTP_X_REAL_IP']);
```