

/etc/dhcp/dhcpd.conf

```
#hosts centOS
host lnx-centos-001-boot{
    next-server 10.10.10.10;
    hardware ethernet 00:15:5D:00:7C:6A;
    if exists user-class and option user-class = "iPXE"{
        filename "iscsi-centos-mother-boot.ipxe";
    } else {
        filename "undionly.kpxe";
    }
}
```

/etc/tgt/config.d/centos.conf

```
GNU nano 4.8 /etc/tgt/conf.d/centos.conf
#targety dla CentOS
<target iqn.centos:mother-centos>
backing-store /srv/iscsi/centos-mother.img
#incominguser user password1234
</target>
```

/var/www/html/centos/install.ipxe

```
GNU nano 4.8 install.ipxe
#!ipxe
#set base http://10.10.10.10/centos/CentOSAll/
#sanhook --drive 0x82 iscsi:10.10.10.10:::1:iqn.centos1:mother-centos-boot
sanboot --drive 0x81 iscsi:10.10.10.10:::1:iqn.centos:mother-centos

#prompt -k 0x197e -t 5000 F12 dla Instalacji || exit
#kernel ${base}/images/pxeboot/vmlinuz initrd=initrd.img repo=${base}
#initrd ${base}/images/pxeboot/initrd.img
#boot
```

i instaled centos from cd

### Local Standard Disks

1024 MiB



**Msft Virtual Disk**

sda / 992.5 KiB free

### Specialized & Network Disks

29.3 GiB



**IET VIRTUAL-DISK**

sdb / 1023.97 MiB free

Add a disk...

### Other Storage Options

#### Partitioning

- Automatically configure partitioning.  I will configure partitioning.  
 I would like to make additional space available.

### MANUAL PARTITIONING

CENTOS 7 INSTALLATI

Done

us

Help

#### ▼ New CentOS 7 Installation

##### SYSTEM

**/boot** 1023 MiB >  
sdb3

##### ▼ Unknown

xfs 1023 MiB  
sda1  
xfs 22.3 GiB  
sdb1  
swap 6144 MiB  
sdb2

#### sdb3

Mount Point:

/boot

Device(s):

IET VIRTUAL-DISK (sdb)

Desired Capacity:

1023 MiB

Modify...

Device Type:

Standard Partition

Encrypt

File System:

xfs

Reformat

Label:

Name:

sdb3

You have not defined a root partition (/), which is required for installation of CentOS to continue.  
 /boot file system cannot be on an iSCSI disk which is not configured in iBFT.

Close

MANUAL PARTITIONING CENTOS 7 INSTALLATION

Done US Help!

▼ New CentOS 7 Installation

SYSTEM

<b>/boot</b>	<b>512 MiB</b>	▶
sda1		
/	23.79 GiB	
centos-root		
swap	5632 MiB	
centos-swap		

sda1

Mount Point: /boot

Device(s):

Desired Capacity: 512 MiB

Msft Virtual Disk (sda)

Modify...

Device Type: Standard Partition  Encrypt

File System: xfs  Reformat

Order	Action	Type	Device Name	Mount point
8	Destroy Format	partition table (MSDOS)	sdb	
9	Create Format	partition table (MSDOS)	sdb	
10	Create Device	partition	sdb1	
11	Create Format	physical volume (LVM)	sdb1	
12	Create Device	lvmvg	centos	
13	Create Device	lvm lv	centos-root	
14	Create Format	xfs	centos-root	/
15	Create Device	lvm lv	centos-swap	
16	Create Format	swap	centos-swap	
17	Create Format	partition table (MSDOS)	sda	
18	Create Device	partition	sda1	
19	Create Format	xfs	sda1	/boot

## USER SETTINGS



**ROOT PASSWORD**  
*Root password is set*



**USER CREATION**  
*No user will be created*