

خسن لل Prime Infrastructure Gen1 زاغ USB ةدحو مادختساب ةداعتسال او يطايتحال Stick

تايتو تحمل

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ةمدقملا

Prime Infrastructure (PI) زاغ نم ةيطايتحال خسن لىل لوصحلا ةيفيك دننستسمل اذو حضوي سكلو او زاغلا نم USB ذفنم مادختساب ايجراخ Gen 1.

ةلكشملا

لقن لوكتورب مادختسال ديقت متي، عالمعال تاوويرانيس نم ديدعلا يف نمو، مهب صاخلا تانايبلا زكرم يف (FTP/TFTP) طسبملا تافلما لقن لوكتورب/تافلما لوكتورب نم يطايتحال خسنلا ةيلمع لقن ليمعلا لىل ةيغلل بعصلا نم نوكتي مئاق امداخ دعوي زاغلا نال ارظنو. FTP/TFTP مداخ يةدعاسمب ةيجراخ ةطقن لىل (PI) تنرتنلا لىل رخا ةقيرط ةي نم يطايتحال خسنلا لقن ةيغلل بعصلا نم ف، Linux ليغشتلا ماظن لىل يف يطايتحال خسنلا فلت لىل يدوي نال ةيناكلما كانه نوكتي دق هنال ةيجراخلا ةطقنلا لىل جحصلا ريغل لقنلا تقو.

لحلا

لىل Prime Server نم يطايتحال خسنلا لقنل ليدب لحن عثوبا، ةلاخلا هذه لىل بلغلل لىل دعاسيو ريثكب عرسا هنا لىل ايزملا نمو. USB ذفنم زاغ مادختساب USB Stick ادج ديفملا نم نوكتيسو FTP/TFTP/SFTP ةطساوب خسنلا هقرغتسي يذلا تقولا لىلقت اضيأ ةريكبلا تانايبلا خسن.

USB لىل PI Gen1 زاغ نم يطايتحال خسنلا

1. ةوطخلا USB اصع لخدأ.

2. ةوطخلا موعدملا ext4 تافلما ماظنل ديدج مسق عاشنلا.

```
-bash-4.1# fdisk -l n e l t 8 e w
```

```
-bash-4.1# partprobe
```

```
-bash-4.1# mkfs.ext4 /dev/sdb1
```

```
-bash-4.1# mkdir /media/usb-drive/
```

```
-bash-4.1# mount -t ext4 /dev/sdb1 /media/usb-drive/
```

```
-bash-4.1# umount /media/usb-drive
```

هليمحت مت يذلات افلملماظن الى **defaultRepo** نم طيايحتالال خسنلنا 3. ةوطخلال
اثيذح.

نيناكالمال ك يف فلملل **MD5** نم ققحت 4. ةوطخلال

USB زاهج نم طيايحتالال خسنلنا PI Gen1

PI. الى لوخذلال ليحست 1. ةوطخلال

```
pi/admin#
```

shell. الى لقتنا 2. ةوطخلال

```
pi/admin# shell
```

```
Enter shell access password :
```

```
Starting bash shell ...
```

```
ade #
```

```
ade #
```

```
ade # sudo su -
```

```
-bash-4.1#
```

PI. يف صرقلال ماسقأ ةفاك ضرع 3. ةوطخلال

```
-bash-4.1# fdisk -l
```

```
Disk /dev/sda: 897.0 GB, 896998047744 bytes
```

```
255 heads, 63 sectors/track, 109053 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
```

```
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

```
Disk identifier: 0x000591be
```

Device	Boot	Start	End	Blocks	Id	System
/dev/sda1	*	1	64	512000	83	Linux

Partition 1 does not end on cylinder boundary.

/dev/sda2		64	77	102400	83	Linux
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Partition 2 does not end on cylinder boundary.

/dev/sda3 77 109054 875359232 8e Linux LVM

Disk /dev/mapper/smosvg-rootvol: 4194 MB, 4194304000 bytes

255 heads, 63 sectors/track, 509 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-swapvol: 16.8 GB, 16777216000 bytes

255 heads, 63 sectors/track, 2039 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-tmpvol: 2113 MB, 2113929216 bytes

255 heads, 63 sectors/track, 257 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-usrvol: 7348 MB, 7348420608 bytes

255 heads, 63 sectors/track, 893 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-varvol: 4194 MB, 4194304000 bytes

255 heads, 63 sectors/track, 509 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-optvol: 716.3 GB, 716252905472 bytes

255 heads, 63 sectors/track, 87079 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-home: 134 MB, 134217728 bytes

255 heads, 63 sectors/track, 16 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-recvol: 134 MB, 134217728 bytes

255 heads, 63 sectors/track, 16 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-altrootvol: 134 MB, 134217728 bytes

255 heads, 63 sectors/track, 16 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-localdiskvol: 134.6 GB, 134553272320 bytes

255 heads, 63 sectors/track, 16358 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/mapper/smosvg-storedatavol: 10.5 GB, 10502537216 bytes

255 heads, 63 sectors/track, 1276 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0x00000000

Disk /dev/sdb: 62.1 GB, 62075699200 bytes

255 heads, 63 sectors/track, 7546 cylinders

Units = cylinders of 16065 * 512 = 8225280 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disk identifier: 0xa5fe72c5

Device	Boot	Start	End	Blocks	Id	System
/dev/sdb1		1	7546	60613213+	8e	Linux LVM

هېڅ څه نه دي کړي چې د ليدو د وړاندوېنې لپاره 4. وړاندوېنې

```
-bash-4.1# mkdir /media/usb-drive/
```

```
-bash-4.1# mount -t ext4 /dev/sdb1 /media/usb-drive/
```

```
-bash-4.1# ls -lv
```

total 60

```
-rw-----. 1 root root 8494 Aug 24 2018 anaconda-ks.cfg
```

```
drwxr-xr-x. 2 root root 4096 Aug 24 2018 bin
```

```
-rw-r--r--. 1 root root 18977 Aug 24 2018 install.log
```

```
-rw-r--r--. 1 root root 5646 Aug 24 2018 install.log.syslog
```

```
-rw-r--r--. 1 root root 5 Aug 24 2018 iso.ks.cfg
```

```
-rw-----. 1 root root 164 Aug 24 2018 ks-post.log
```

```
-rw-----. 1 root root 381 Aug 24 2018 ks-post-toinstall.log
```

```
-rw-rw-r--. 1 root root 120 Aug 23 17:47 test.log
```

```
-bash-4.1# cd /media/usb-drive/
```

```
-bash-4.1# pwd
```

```
/media/usb-drive
```

USB. نم يطاي تحال خسن لل MD5 نم ققحت ،ةيطاي تحال خسن لل خسن لبق 5. ةوطخل

```
-bash-4.1# ls -lv
```

```
total 21197320
```

```
-rw-r--r--. 1 root root 21706033973 Jun 28 14:57 pi-180419-  
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg
```

```
drwx-----. 2 root root          16384 Jun 28 14:29 lost+found
```

```
-bash-4.1#
```

```
-bash-4.1#
```

```
-bash-4.1# md5sum pi-180419-
```

```
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg
```

```
44daa932e7ca10fafe480302f7a17b6a pi-180419-
```

```
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg
```

```
-bash-4.1#
```

```
-bash-4.1#
```

/localdisk/defaultRepo. دلجم يف ةيطاي تحال خسن لل خسن ا 6. ةوطخل

```
-bash-4.1# cp pi-180419-
```

```
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg  
/localdisk/defaultRepo/
```

```
-bash-4.1#
```

```
-bash-4.1#
```

```
-bash-4.1# cd /localdisk/defaultRepo/
```

```
-bash-4.1# ls -lv
```

```
total 21218032
```

```
-rw-r--r--. 1 root root 21706033973 Aug 23 18:56 pi-180419-  
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg
```

```
-bash-4.1#
```

```
-bash-4.1#
```

ةقباس لل MD5 مادختساب خوسنم ل يطاي تحال خسن لل اب صا لل MD5 نم ققحت 7. ةوطخل

```
-bash-4.1# md5sum pi-180419-
```

```
1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg
```

```
44daa932e7ca10fafe480302f7a17b6a pi-180419-
```

1332__VER3.1.0.0.132_BKSZ204G_CPU16_MEM3G_RAM15G_SWAP15G_APP_CK1589549125.tar.gpg

-bash-4.1#

-bash-4.1#

ليدل ليمحت اءال 8 ةوطخال

-bash-4.1# umount /media/usb-drive

-bash-4.1#

-bash-4.1#

-bash-4.1#

ةمچرتل هذه ل و ح

ةلأل تاي نقتل ن م ة و مچ م ادخت ساب دن تسمل اذ ه Cisco ت مچرت
ملاعلاء ن أ عي مچ ي ف ن ي م دخت سمل ل معد ي و تح م مي دقت ل ة يرش ب ل و
امك ة ق ي قد ن و ك ت ن ل ة ل أ مچرت ل ض ف أ ن أ ة ظ حال م ي ج ر ي . ة ص ا خ ل م ه ت غ ل ب
Cisco ي ل خ ت . ف ر ت ح م مچرت م ا ه م د ق ي ي ت ل ا ة ي ف ا ر ت ح ا ل ا ة مچرت ل ا ع م ل ا ح ل ا و ه
ي ل ا م ا د ع و ج ر ل ا ب ي ص و ت و ت ا مچرت ل ا ه ذ ه ة ق د ن ع ا ه ت ي ل و ئ س م Cisco
Systems (رف و ت م ط بار ل ا) ي ل ص أ ل ا ي ز ي ل ج ن ا ل ا دن تسمل ا