



???? xm list ???? Guest ? vcpu ?????????? CPU ???,xm ?????????? xm vcpu-list . ??????????1? CPU 4 ? cores.

**1.Name :** Guest (Domain) name

**2.ID :** Domain ID

**3.VCPUs :** ??? vcpu ??,0 ????,????.

**4.CPU :**?? vcpu ?????? CPU ?????.

**5.State :**

**r - running**

?????? CPU ??? Guest

**b - blocked**

?? Guest ? sleep ?????? I/O ??.

**p - paused**

?????? xm pause domainID ??????????.????????S1 - "Sleep" ???.

**6.Time(s) :** ?????? Domain ? CPU ??????????????

**7.CPU Affinity:**Guest ? vcpu ?????????? CPU .??? any cpu ??????????????.

```
[root@benjr ~]# xm vcpu-list
Name                ID VCPUs  CPU State  Time(s) CPU Affinity
Domain-0             0  0  0  -b-    26.4 0
Domain-0             0  1  1  -b-     8.7 1
Domain-0             0  2  2  r--    9.7 2
Domain-0             0  3  3  -b-     5.9 3
rhel4.6              4  0  3  -b-     5.4 any cpu
rhel5                3  0  1  -b-    19.0 any cpu
```

?? Domain U (Guest)? CPU Affinity ?? any cpu (?????????????),????????????????????,?? xm vcpu-pin.

Usage: xm vcpu-pin <Domain> <VCPU> <CPUs>

???? rhel4.6(ID:4) ??? CPU(?????????) ?????? CPU (core)

```
[root@benjr ~]# xm vcpu-pin 4 0 2
[root@benjr ~]# xm vcpu-list
Name                ID VCPUs  CPU State  Time(s) CPU Affinity
Domain-0             0  0  0  -b-    38.4 0
Domain-0             0  1  1  r--    12.5 1
Domain-0             0  2  2  -b-    13.1 2
Domain-0             0  3  3  -b-     7.6 3
rhel4.6            4  0  2  -b-    12.6 2
rhel5                3  0  1  -b-    21.4 any cpu
```

???? Domain U(Guest) ????????

?????? VCPU ??????????,?????? OS ?????????? CPU ??.??. xm vcpu-set ??????????

```
[root@benjr ~]# xm list
```

Name	ID	Mem(MiB)	VCPUs	State	Time(s)
Domain-0	0	975	4	r-----	74.6
<b>rhel4.6</b>	<b>4</b>	<b>511</b>	<b>1</b>	<b>-b----</b>	<b>12.6</b>
rhel5	3	511	1	-b----	21.5

???? rhel4.6(ID:4) ??? CPU (core)

```
[root@benjr ~]# xm vcpu-set 4 3
```

????????????????.

```
[root@benjr ~]# xm list
```

Name	ID	Mem(MiB)	VCPUs	State	Time(s)
Domain-0	0	975	4	r-----	75.0
<b>rhel4.6</b>	<b>4</b>	<b>511</b>	<b>1</b>	<b>-b----</b>	<b>12.6</b>
rhel5	3	511	1	-b----	21.5

????????????????,????? /etc/xen/ ?????????? virt-manager ???????.

```
[root@benjr ~]# xm vcpu-list
```

Name	ID	VCPUs	CPU	State	Time(s)	CPU Affinity
Domain-0	0	0	0	r--	456.1	0
Domain-0	0	1	1	r--	217.0	1
Domain-0	0	2	2	-b-	254.6	2
Domain-0	0	3	3	-b-	76.6	3
<b>rhel4.6</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>-b-</b>	<b>7.7</b>	<b>any cpu</b>
<b>rhel4.6</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>-b-</b>	<b>3.2</b>	<b>any cpu</b>
<b>rhel4.6</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>-b-</b>	<b>3.3</b>	<b>any cpu</b>
<b>rhel4.6</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>-b-</b>	<b>2.9</b>	<b>any cpu</b>
rhel5	6	0	1	-b-	1.6	any cpu

??????? : <http://benjr.tw/?q=node/374>