# Linux Terminal Server Project



Linux Terminal Server Project

# OpenVPN [] CentOS 5.5 amd 64



2. IP Server 192.168.1.10

**OCCUPIED Server** 

[root@vpn ~]# wget
http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.2
-2.el5.rf.x86\_64.rpm

#### 

[root@vpn ~]# yum search openvpn		
Loaded plugins: fastestmirror		
Loading mirror speeds from cached hostfile		
* addons: mirror.issp.co.th		
* base: mirror.issp.co.th		
* extras: mirror.issp.co.th		
* rpmforge: fr2.rpmfind.net		
* updates: mirror.issp.co.th		
============================== Matched:	openvpn	
kvpnc.x86_64 : Frontend for various VPN clients		
openvpn.x86 64 : secure tunneling daemon		

```
[root@vpn ~]# yum -y install openvpn
Loaded plugins: fastestmirror
Loading mirror speeds from cached hostfile
* addons: mirror.issp.co.th
* base: mirror.issp.co.th
* extras: mirror.issp.co.th
* rpmforge: apt.sw.be
* updates: mirror.issp.co.th
rpmforge
| 1.1 kB 00:00
rpmforge/primary
| 2.1 MB 00:02
```

Setting up Install Process

10272/10272

Resolving Dependencies

-> Running transaction check

-> Package openvpn.x86\_64 0:2.1.4-1.el5.rf set to be updated

-> Processing Dependency: lzo for package: openvpn

-> Processing Dependency: liblzo2.so.2()(64bit) for package:
openvpn

- -> Running transaction check
- -> Package lzo.x86\_64 0:2.04-1.el5.rf set to be updated
- -> Finished Dependency Resolution

Dependencies Resolved

Total download size: 581 k

			==
Package			
Arch			
Version			
Repository		Size	
			==
Installing:			
openvpn			
x86_64			
2.1.4-1.el5	5.rf		
rpmforge		442 k	
Installing for dependencies:			
lzo			
x86_64			
2.04-1.el5.	rf		
rpmforge		139 k	
Transaction S	ummary		
			==
Install	 2 Package(s)		
Upgrade	0 Package(s)		

Downloading Packages: (1/2):lzo-2.04-1.el5.rf.x86 64.rpm 139 kB 00:01 (2/2):openvpn-2.1.4-1.el5.rf.x86 64.rpm | 442 kB 00:01 Total 187 kB/s | 581 kB 00:03 Running rpm\_check\_debug Running Transaction Test Finished Transaction Test Transaction Test Succeeded Running Transaction Installing lzo 1/2Installing openvpn 2/2 Installed: openvpn.x86\_64 0:2.1.4-1.el5.rf Dependency Installed: lzo.x86 64 0:2.04-1.el5.rf Complete! [root@vpn ~]#

;

;

#### \_\_\_\_\_/usr/share/doc/openvpn-2.1.4/

[root@vpn ~]# cd /usr/share/doc/openvpn-2.1.4/ [root@vpn openvpn-2.1.4]# ls AUTHORS COPYRIGHT.GPL PORTS README.plugins ChangeLog easy-rsa README sample-configfiles contrib INSTALL README.auth-pam sample-keys COPYING NEWS README.down-root sample-scripts [root@vpn openvpn-2.1.4]#

root@vpn openvpn-2.1.4]# cd easy-rsa/2.0/ [root@vpn 2.0]# ls build-ca build-inter build-key-pass build-key-server build-req-pass inherit-inter Makefile openssl.cnf README sign-req whichoopensslcnf build-dh build-key build-key-pkcs12 build-req clean-all list-crl openssl-0.9.6.cnf pkitool revoke-full vars

[root@vpn 2.0]# vi vars

# These are the default values for fields # which will be placed in the certificate. # Don't leave any of these fields blank. export KEY\_COUNTRY="TH" export KEY\_PROVINCE="Chiangmai" export KEY\_CITY="Chiangmai"
export KEY\_ORG="RMUTL"
export KEY\_EMAIL="teppap@rmutl.ac.th"

[root@vpn 2.0]# chmod +x \*

[root@vpn 2.0]# source ./vars NOTE: If you run ./clean-all, I will be doing a rm -rf on /usr/share/doc/openvpn-2.1.4/easy-rsa/2.0/keys [root@vpn 2.0]# ./clean-all [root@vpn 2.0]# ls -l keys/ total 4 -rw-r-r-1 root root 0 Feb 10 13:21 index.txt -rw-r-r-1 root root 3 Feb 10 13:21 serial [root@vpn 2.0]# ./build-ca Generating a 1024 bit RSA private key writing new private key to 'ca.key' You are about to be asked to enter information that will be incorporated into your certificate request. What you are about to enter is what is called a Distinguished Name or a DN. There are guite a few fields but you can leave some blank For some fields there will be a default value, If you enter '.', the field will be left blank.

Country Name (2 letter code) [TH]: State or Province Name (full name) [Chiangmai]:

```
Locality Name (eg, city) [Chiangmai]:
Organization Name (eg, company) [RMUTL]:
Organizational Unit Name (eg, section) []:RMUTL
Common Name (eg, your name or your server's hostname) [RMUTL
CA1:vpn.rmutl.ac.th
Name []:vpn.rmutl.ac.th
Email Address [teppap@rmutl.ac.th]:
[root@vpn 2.0]# ls -l keys/
total 12
-rw-r-r-1 root root 1424 Feb 10 13:22 ca.crt
-rw--- 1 root root 891 Feb 10 13:22 ca.kev
-rw-r-r-1 root root 0 Feb 10 13:21 index.txt
-rw-r-r-1 root root 3 Feb 10 13:21 serial
[root@vpn 2.0]# ./build-key-server vpn.rmutl.ac.th
Generating a 1024 bit RSA private key
writing new private key to 'vpn.rmutl.ac.th.key'
You are about to be asked to enter information that will be
incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished
Name or a DN.
There are guite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
Country Name (2 letter code) [TH]:
State or Province Name (full name) [Chiangmai]:
Locality Name (eq, city) [Chiangmai]:
Organization Name (eq, company) [RMUTL]:
Organizational Unit Name (eg, section) []:RMUTL
Common Name (eg, your name or your server's hostname)
[vpn.rmutl.ac.th]:
Name []:vpn.rmutl.ac.th
Email Address [teppap@rmutl.ac.th]:
```

Please enter the following 'extra' attributes to be sent with your certificate request A challenge password []: An optional company name []: Using configuration from /usr/share/doc/openvpn-2.1.4/easyrsa/2.0/openssl.cnf Check that the request matches the signature Signature ok The Subject's Distinguished Name is as follows countryName :PRINTABLE:'TH' stateOrProvinceName :PRINTABLE:'Chiangmai' localityName :PRINTABLE:'Chiangmai' organizationName :PRINTABLE:'RMUTL' organizationalUnitName:PRINTABLE:'RMUTL' :PRINTABLE: 'vpn.rmutl.ac.th' commonName :PRINTABLE: 'vpn.rmutl.ac.th' name emailAddress :IA5STRING:'teppap@rmutl.ac.th' Certificate is to be certified until Feb 7 06:23:57 2021 GMT (3650 days) Sign the certificate? [y/n]:y 1 out of 1 certificate requests certified, commit? [y/n]yWrite out database with 1 new entries Data Base Updated [root@vpn 2.0]# [root@vpn 2.0]# ls -l keys/ total 48 -rw-r-r-1 root root 4200 Feb 10 13:24 01.pem -rw-r-r-1 root root 1424 Feb 10 13:22 ca.crt -rw-r-r-1 root root 148 Feb 10 13:24 index.txt -rw-r-r-1 root root 21 Feb 10 13:24 index.txt.attr -rw-r-r-1 root root 0 Feb 10 13:21 index.txt.old -rw-r-r-1 root root 3 Feb 10 13:24 serial -rw-r-r-1 root root 3 Feb 10 13:21 serial.old -rw-r-r-1 root root 4200 Feb 10 13:24 vpn.rmutl.ac.th.crt

-rw-r-r- 1 root root 745 Feb 10 13:23 vpn.rmutl.ac.th.csr -rw--- 1 root root 887 Feb 10 13:23 vpn.rmutl.ac.th.key [root@vpn 2.0]# cat keys/vpn.rmutl.ac.th.key --BEGIN RSA PRIVATE KEY----

MIICXQIBAAKBgQC3FvB9xhcMjFXl/H9cCA5fteVmHwu+BzioudyNMj33zRF11 WGK

wYmtp1C2biSHtsm66y4JqE3t6/oNBhKHhtAwpYmDHuHXPo15VKmH/DkaeouR0
rbc

*CYy/eF0dmKc0ug0j4WwjY7233611mKY5wM9acGyEfbVQJioF1mjGV13oTwIDA QAB* 

AoGAAzlSLsTILx5hfNU/YN17c0/+pBez2zrBUqdDLPFPigeAYTTKr0jPhdFGa I/z

8LfVQYdWnjDqfmADXStYNC65h7oh/Ll5n4jM9nVLPf3R0B1zqGeP7k1ZuzfrQ Nm0

yGsl870a3vDXUUiLs0A7GsQ4BvNnkb5acLCHjgnEY0oazgECQQDeHY4biDrwt aBJ

cHKNlDo80hl4RpV55pFB6kxtgi03XnixCjlwHEYM97Gklw37/MPoNfIs7gINL DKy

MK2BvaDPAkEA0wVHNkuh+lJ3Y0sn1N080fZIdZvJKScp2oDYDfGJFBaNcz33U 2gu

288ZmQb2rZNTqdEovP6Ico85VkKCw2oggQJBAJJ9XZcM7wqITzGARxzXEN3CF 2g6

7SSbi1u0wjlLLLUiymjA/IbTLuQojHGn6mIyH6bLxXAafSHg74KUFirGPQMCQ EWy

gpj0VkulnURnpxpJkGMQ41HlCIYNJ2fCEppYYpw97q5Xky77RC7Zsmy2vhcKi
CGY

scnqkAq2f4ucIDCHBwECQQDIWxF7c4QIFdaf4ZWUZG0uo7L0/dsjPiUuyg0FB
sA1

l0FAhiCH8ZRErTejC3mLB/HdYL43futnhvix/YEDqoxr

—END RSA PRIVATE KEY—

[root@vpn 2.0]# cat keys/vpn.rmutl.ac.th.crt

Certificate:

Data:

Version: 3 (0x2)

Serial Number: 1 (0x1)

Signature Algorithm: sha1WithRSAEncryption

Issuer: C=TH, ST=Chiangmai, L=Chiangmai, O=RMUTL, OU=RMUTL,

CN=vpn.rmutl.ac.th/name=vpn.rmutl.ac.th/emailAddress=teppap@r mutl.ac.th Validity Not Before: Feb 10 06:23:57 2011 GMT Not After : Feb 7 06:23:57 2021 GMT Subject: C=TH, ST=Chiangmai, L=Chiangmai, O=RMUTL, OU=RMUTL, CN=vpn.rmutl.ac.th/name=vpn.rmutl.ac.th/emailAddress=teppap@r mutl.ac.th Subject Public Key Info: Public Key Algorithm: rsaEncryption RSA Public Key: (1024 bit) Modulus (1024 bit): 00:b7:16:f0:7d:c6:17:0c:8c:55:e5:fc:7f:5c:08: 0e:5f:b5:e5:66:1f:0b:be:07:38:a8:b9:dc:8d:32: 3d: f7: cd: 11: 75: d5: 61: 8a: c1: 89: ad: a7: 50: b6: 6e: 24:87:b6:c9:ba:eb:2e:09:a8:4d:ed:eb:fa:0d:06: 12:87:86:d0:30:a5:89:83:1e:e1:d7:3e:8d:79:54: a9:87:fc:39:1a:7a:8b:91:3a:b6:dc:09:8c:bf:78: 5d:1d:98:a7:34:ba:03:a3:e1:6c:23:63:bd:b7:df: ad: 75:98:a6:39:c0:cf:5a:70:6c:84:7d:b5:50:26: 2a:05:d6:68:c6:57:5d:e8:4f Exponent: 65537 (0x10001) X509v3 extensions: X509v3 Basic Constraints: CA: FALSE Netscape Cert Type: SSL Server Netscape Comment: Easy-RSA Generated Server Certificate X509v3 Subject Key Identifier: 9B: 37: 63: 86: 89: D8: F5: 9A: D6: A4: 5F: 8A: 50: 3A: E2: 67: 25: 0D: 18: 14 X509v3 Authority Key Identifier: keyid:8A:E7:4E:11:35:25:94:5E:F8:D3:E9:62:8E:E4:7B:00:32:57:8 0:5F *DirName:/C=TH/ST=Chiangmai/L=Chiangmai/O=RMUTL/OU=RMUTL/CN=vp n.rmutl.ac.th/name=vpn.rmutl.ac.th/emailAddress=teppap@rmutl.* ac.th

serial:FC:A0:4D:C7:BE:EB:70:EA

X509v3 Extended Key Usage: TLS Web Server Authentication X509v3 Key Usage: Digital Signature, Key Encipherment Signature Algorithm: sha1WithRSAEncryption 5a:13:d3:d6:95:8c:5e:38:0e:1c:7a:a2:5d:8f:e2:40:0d:ab: 5d:6f:6b:bc:09:fe:bb:97:fc:35:d0:e4:76:e2:1c:6c:c8:75: 60:3f:44:e9:c2:ce:27:08:e4:18:b2:b2:5b:63:9c:6d:c5:36: 7f:5a:5f:d4:b3:dd:5e:2f:35:04:09:c8:11:92:12:a7:64:50: 56:18:cb:4a:f2:8d:b5:6d:b0:11:db:b8:1d:bb:44:9b:ec:11: 99:27:3c:01:8e:b6:a6:b3:ba:26:d1:a9:69:cc:7d:31:2d:bc: d4:57:10:89:3a:8a:02:a9:da:fc:ca:94:0e:b8:d4:ac:3c:00: c3:ce

—BEGIN CERTIFICATE—

*MIIETzCCA7igAwIBAgIBATANBgkqhkiG9w0BAQUFADCBrDELMAkGA1UEBhMCV Egx* 

*EjAQBgNVBAgTCUNoaWFuZ21haTESMBAGA1UEBxMJQ2hpYW5nbWFpMQ4wDAYDV QQK* 

*EwVSTVVUTDE0MAwGA1UECxMFUk1VVEwxGDAWBgNVBAMTD3Zwbi5ybXV0bC5hY y50* 

aDEYMBYGA1UEKRMPdnBuLnJtdXRsLmFjLnRoMSEwHwYJKoZIhvcNAQkBFhJ0Z XBw

*YXBAcm11dGwuYWMudGgwHhcNMTEwMjEwMDYyMzU3WhcNMjEwMjA3MDYyMzU3W jCB* 

*rDELMAkGA1UEBhMCVEgxEjAQBgNVBAgTCUNoaWFuZ21haTESMBAGA1UEBxMJQ* 2*hp* 

*YW5nbWFpMQ4wDAYDVQQKEwVSTVVUTDE0MAwGA1UECxMFUk1VVEwxGDAWBgNVB AMT* 

D3Zwbi5ybXV0bC5hYy50aDEYMBYGA1UEKRMPdnBuLnJtdXRsLmFjLnRoMSEwH wYJ

*KoZIhvcNAQkBFhJ0ZXBwYXBAcm11dGwuYWMudGgwgZ8wDQYJKoZIhvcNAQEBB QAD* 

gY0AMIGJAoGBALcW8H3GFwyMVeX8f1wIDl+15WYfC74H0Ki53I0yPffNEXXVY YrB

ia2nULZuJIe2ybrrLgmoTe3r+g0GEoeG0DCliYMe4dc+jXlUqYf80Rp6i5E6t

twJ

jL94XR2YpzS6A6PhbCNjvbffrXWYpjnAz1pwbIR9tVAmKgXWaMZXXehPAgMBA AGj

ggF9MIIBeTAJBgNVHRMEAjAAMBEGCWCGSAGG+EIBAQQEAwIGQDA0BglghkgBh vhC

AQ0EJxYlRWFzeS1SU0EgR2VuZXJhdGVkIFNlcnZlciBDZXJ0aWZpY2F0ZTAdB gNV

HQ4EFgQUmzdjhonY9ZrWpF+KUDriZyUNGBQwgeEGA1UdIwSB2TCB1oAUiud0E TUl

lF740+lijuR7ADJXgF+hgbKkga8wgawxCzAJBgNVBAYTAlRIMRIwEAYDVQQIE wlD

aGlhbmdtYWkxEjAQBgNVBAcTCUNoaWFuZ21haTEOMAwGA1UEChMFUk1VVEwxD jAM

*BgNVBAsTBVJNVVRMMRgwFgYDVQQDEw92cG4ucm11dGwuYWMudGgxGDAWBgNVB CkT* 

D3Zwbi5ybXV0bC5hYy50aDEhMB8GCSqGSIb3DQEJARYSdGVwcGFwQHJtdXRsL mFj

LnRoggkA/KBNx77rc0owEwYDVR0lBAwwCgYIKwYBBQUHAwEwCwYDVR0PBAQDA gWg

MA0GCSqGSIb3DQEBBQUAA4GBAFoT09aVjF44Dhx6ol2P4kANq11va7wJ/ruX/ DXQ

5HbiHGzIdWA/ROnCzicI5BiysltjnG3FNn9aX9Sz3V4vNQQJyBGSEqdkUFYYy 0ry

jbVtsBHbuB27RJvsEZknPAGOtqazuibRqWnMfTEtvNRXEIk6igKp2vzKlA641 Kw8

AMPO

—END CERTIFICATE—

[root@vpn 2.0]#

[root@vpn 2.0]#

[root@vpn 2.0]#

[root@vpn 2.0]# ./build-dh

Generating DH parameters, 1024 bit long safe prime, generator 2

This is going to take a long time

.....++\*++\*++\*

[root@vpn 2.0]# [root@vpn 2.0]# ls -l keys/ -rw-r-r- 1 root root 4200 Feb 10 13:24 01.pem -rw-r-r- 1 root root 1424 Feb 10 13:22 ca.crt -rw-- 1 root root 891 Feb 10 13:22 ca.key -rw-r-r- 1 root root 245 Feb 10 13:25 dh1024.pem -rw-r-r- 1 root root 148 Feb 10 13:24 index.txt -rw-r-r- 1 root root 21 Feb 10 13:24 index.txt.attr -rw-r-r- 1 root root 0 Feb 10 13:21 index.txt.old -rw-r-r- 1 root root 3 Feb 10 13:24 serial -rw-r-r- 1 root root 3 Feb 10 13:21 serial.old -rw-r-r- 1 root root 4200 Feb 10 13:24 vpn.rmutl.ac.th.crt -rw-r-r- 1 root root 745 Feb 10 13:23 vpn.rmutl.ac.th.csr -rw-- 1 root root 887 Feb 10 13:23 vpn.rmutl.ac.th.key [root@vpn 2.0]#

total 52

You are about to be asked to enter information that will be incorporated into your certificate request. What you are about to enter is what is called a Distinguished Name or a DN. There are quite a few fields but you can leave some blank For some fields there will be a default value, If you enter '.', the field will be left blank. — Country Name (2 letter code) [TH]: State or Province Name (full name) [Chiangmai]: Locality Name (eg, city) [Chiangmai]: Organization Name (eg, company) [RMUTL]: Organizational Unit Name (eg, section) []:RMUTL Common Name (eg, your name or your server's hostname) [client]: Name []: Email Address [teppap@rmutl.ac.th]:

Please enter the following 'extra' attributes to be sent with your certificate request A challenge password []: An optional company name []: Using configuration from /usr/share/doc/openvpn-2.1.4/easyrsa/2.0/openssl.cnf Check that the request matches the signature Signature ok The Subject's Distinguished Name is as follows :PRINTABLE: 'TH' countryName stateOrProvinceName :PRINTABLE:'Chiangmai' :PRINTABLE: 'Chiangmai' localityName :PRINTABLE: 'RMUTL' organizationName organizationalUnitName:PRINTABLE:'RMUTL' commonName :PRINTABLE:'client' emailAddress :IA5STRING:'teppap@rmutl.ac.th' Certificate is to be certified until Feb 7 06:27:42 2021 GMT (3650 days) Sign the certificate? [y/n]:y

1 out of 1 certificate requests certified, commit? [y/n]y
Write out database with 1 new entries
Data Base Updated
[root@vpn 2.0]#

#### 

[root@vpn 2.0]# cp -rf /usr/share/doc/openvpn-2.1.4/easyrsa/2.0/keys/\* /etc/openvpn/

[root@vpn 2.0]# cd /etc/openvpn/

[root@vpn openvpn]# cp /usr/share/doc/openvpn-2.1.4/sampleconfig-files/server.conf /etc/openvpn/

# Any X509 key manateppapgement system can be used. # OpenVPN can also use a PKCS #12 formatted key file # (see "pkcs12" directive in man page). ca ca.crt cert vpn.rmutl.ac.th.crt key vpn.rmutl.ac.th.key # This file should be kept secret # Diffie hellman parameters. # Generate your own with: # openssl dhparam -out dh1024.pem 1024

# Substitute 2048 for 1024 if you are using # 2048 bit keys. dh dh1024.pem

#### 

[root@vpn openvpn]# service openvpn start
Starting openvpn:
OK ]
[root@vpn openvpn]#

#### 

Γ

[root@vpn openvpn]# ifconfig eth0 Link encap:Ethernet HWaddr C2:DE:48:D6:36:24 inet addr:192.168.1.10 Bcast:10.0.1.255 Mask:255.255.255.0 inet6 addr: fe80::c0de:48ff:fed6:3624/64 Scope:Link UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1 RX packets:76748 errors:0 dropped:0 overruns:0 frame:0 TX packets:8380 errors:0 dropped:0 overruns:0 carrier:0 collisions:0 txqueuelen:1000 RX bytes:6582338 (6.2 MiB) TX bytes:997841 (974.4 KiB)

```
lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:16436 Metric:1
RX packets:8 errors:0 dropped:0 overruns:0 frame:0
TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:560 (560.0 b) TX bytes:560 (560.0 b)
```

[root@vpn openvpn]#

3. DOT WINDOWS EXPLOYER DOT C:\Program

Files\OpenVPN\sample.config

4.[] [][][][][][][][] client.vpn [][][][][][] C:\Program Files\OpenVPN\config

# The hostname/IP and port of the server. # You can have multiple remote entries # to load balance between the servers. remote 192.168.1.10 1194 ;remote my-server-2 1194 # SSL/TLS parms. # See the server config file for more # description. It's best to use # a separate .crt/.key file pair *# for each client. A single ca* # file can be used for all clients. ca ca.crt 

cert client.crt
key client.key





## Linux Command



\_\_\_\_\_\_ Linux ппппп restore 

root@Linux:~# apt-cache search trash-cli trash-cli – command line trashcan utility root@Linux:~# apt-get install trash-cli Reading package lists... Done Building dependency tree Reading state information... Done The following packages were automatically installed and are no longer required: binutils-static Use 'apt-get autoremove' to remove them. The following NEW packages will be installed:

trash-cli 0 upgraded, 1 newly installed, 0 to remove and 23 not upgraded. Need to get OB/14.5kB of archives. After this operation, 143kB of additional disk space will be used. Selecting previously deselected package trash-cli. (Reading database ... 81890 files and directories currently installed.) Unpacking trash-cli (from .../trashcli 0.10.r55-0ubuntu1 all.deb) ... Processing triggers for man-db ... Setting up trash-cli (0.10.r55-Oubuntu1) ... Processing triggers for python-support ...

root@Linux:~#

root@Linux:~#alias rm=trash

root@Linux:~# touch 12345.txt
root@Linux:~# ls
12345.txt
root@Linux:~# rm 12345.txt
root@Linux:~# ls
root@Linux:~#

#### $\Box \Box \Box$

root@Linux:~# restore-trash 0 2011-02-07 08:46:23 /root/12345.txt What file to restore [0..0]: 0 <- 000000000 0000 00000000 \_\_\_\_\_ *restore* root@Linux:~# ls 12345.txt root@Linux:~#

## Active Openmeeting Directory



Openmeeting openmeeting DODOOOOOOOO user DOOO Active 

<u>חחחח</u> SIP <u>ההההההההההההההה</u> <u>ההההההההההה</u> OCS )

openmeetings openmeetings 1 4 rc1 r3326.zip

חחחחחחחחחחחחחחחח Ubuntu Server 9.04 32 bit

\_\_\_\_\_\_ openmeeting \_\_\_\_\_\_ 

#### 

#### 

root@meeting:/usr/share/red5/webapps/openmeetings/conf# ls
any\_hibernate.cfg.xml log
postgres\_hibernate.cfg.xml
hibernate.cfg.xml mysql\_hibernate.cfg.xml
sample\_openldap\_om\_ldap.cfg
install.xml om\_ldap.cfg

ldap\_server\_type=AD

ldap\_conn\_url=ldap://192.168.1.1:389

ldap\_admin\_dn=domain\admin-name

ldap\_passwd=password

field\_user\_principal=userPrincipalName

ldap\_auth\_type=SIMPLE

ldap\_sync\_password\_to\_om=yes

#### 

Home	Recordings   Rooms	Administration	I			
Users	Connections   Orgar	nisations   Confer	ence rooms	Configuration	Language editor   Ldap   Backu	рI
0 - 50 of	1	K < 50	≎ >> >>>	🗖 🕀 📚 🗙		
ID 1	Name	Config File		Ldan Config		
1	Innutriocal	[om_idap.crg				_
				Name	rmutl.local	
				Enabled		
				Inserted	Tue Aug 31 16:27:01 GMT+0700 2010	
				Inserted by	firstname lastname[teppap]	
				Updated	Tue Aug 31 17:28:08 GMT+0700 2010	
				Updated by	firstname lastname[teppap]	
			The config files are in the same folder as the hibernate.cfg.xml. You need to manually upload the files to this folder. Changes to the config file are immediately online.			
				Config file name	om_ldap.cfg	-
				<ul> <li>If you enable "Add Domain to username" the value of the field "domain" is added to each login that the user enters in the login box. This is useful if the Login in the Ldap is stored including the domain name. Example: User enters "hans" domain is specified as "localhost.com", login that is verified against Ldap is: hans@localhost.com</li> <li>Add Domain to username S</li> <li>Domain rmutl.local</li> </ul>		

#### 

#### 8. 000000 restart service 000 red5 0000000

Login		
Username or email	testuser	
Password	310 310 310 310 310 310	
Language	english	\$
Color-Style	lightsteelblue	÷
Quality	best ~ 16KB upload	\$
Domain	rmutl.local	÷
	📃 Remember login	
		Sign in
Forgotten your pass	word?	visit OpenMeeting

# Desktop



Output D Output O

#### 

2. Remote Server Administration Tools for Windows 7 (

#### 

1. \_\_\_\_\_ Remote Server Administration Tools for Windows
7 \_\_\_\_\_\_

#### **Files in This Download**

The links in this section correspond to separate files available in this download. Download the files most appropriate for you.

File Name:	File Size	
amd64fre_GRMRSATX_MSU.msu	222.1 MB	Download
x86fre_GRMRSAT_MSU.msu	215.1 MB	Download

#### 





6. DODOOD File -> Add/Remove Snap-in...

File       Action       View       Favorites       Window       Help         Mew       Ctrl+N       Open       Ctrl+O       Open       Ctrl+O         Save       Ctrl+S       Save As       Ctrl+S       There are no items to show in this of the state of the	
New     Ctrl+N       Open     Ctrl+O       Save     Ctrl+S       Save As     Ctrl+S       Add/Remove Snap-in     Ctrl+M	
Open     Ctrl+O       Save     Ctrl+S       Save As     There are no items to show in this y       Add/Remove Snap-in     Ctrl+M	
Save     Ctrl+S       Save As     There are no items to show in this of the same are no items to show in the sam	
Save As     There are no items to show in this of the second sec	
Add/Remove Snap-in Ctrl+M	view.
Ontions	
optionshi	
1 C:\Windows\\eventvwr.msc	
2 C:\Windows\system32\wf.msc	
3 C:\Windows\\compmgmt.msc	
4 C:\Windows\\taskschd.msc	
Exit	

8. Console Root Console Snap-In Console Root Add Remote Desktops



Add New Connection	? ×
Connection	
Computer name or IP <u>a</u> ddress:	
10.3.6.12	Browse
Connection name:	
10.3.6.12	
Connect with /admin option Logon information User name: myusemame	
You will be asked for credentials when you connect.	
Allow me to save credentials	
Settings will take effect on the next connection to this comp	outer.
ОК	Cancel

ᡖ Console1 -	[Console Root\Remote Desktops]
<u>न</u> File Actio	on View Favorites Window Help
🗢 🔿 🛛 🖄	II 🗟 I 🛛 🔲
Console Ro	oot Name
A 👰 Remote	e Desktops
3	New Window from Here
	Delete
	Properties
	Help
_	

10.3.6.12 Properties			
General Screen Options Other			
Expand to fill MMC Result Pane			
Choose desktop size:			
1024 x 768 💌			
Enter <u>c</u> ustom desktop size:			
Width:			
Height:			
Settings will take effect on the next connection to this computer.			
OK Cancel Help			

Connect
 Connect





## ZoomIt



ΠΠ Google Docs ППППП пппп \_\_\_\_\_\_ 

http://technet.microsoft.com/en-us/sysinternals/bb897434.aspx

500 KB 

(\_\_\_\_\_\_\_ zip) zip ZoomIt.exe



#### \*\*hotkey [][] Ctrl +3



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( \_\_\_\_\_\_ ΠΠ 

)  $(\Pi\Pi\Pi\Pi)$ http://virtuawin.sourceforge.net/

Independence of the support in the support in

ΠΠΠΠ

\_\_\_\_\_Systemtray



🔹 VirtuaWin - Setup 🛛 🗙			
General Hotkeys Mouse Modules Expert About			
Desktop Configuration         Desktop Layout:			
On hidden window activation: Show window on current desktop On taskbar button activation: Show window on current desktop			
User Interface Available window list actions: Switch To Move Here Show Always Show Mouse opens compact window list Mouse opens compact window menu			
OK Cancel Apply Help			

000000000 (000000000000000 Application 000000 03 000 00000000) 1. \_\_\_\_\_\_ windows explorer \_\_\_\_\_\_\_ 1

3.0 00000000000 Notepad 0000000

(AutoSwitcher)



6. OCCUPATION AutoSwitcher CONTINUE Configure

General Hotkeys Mouse Modules Expert About	
Module List AutoSwitcher WinList Configure Reload Enable/Disable	AutoSwitcher 1.1
Get Modules	
OK Cancel Apply Help	

Guest OS [[[[]]]][[[]]][[]]] Server



Ø VMware Infrastructure Web Access (tep	opap@teppap-nb) - Windows	Internet Explorer	7				12			
🕞 🔵 🗢 🙋 https://teppap-nb:8333	i/ui/#{e:"HostSystem ha-host",	w:{t:true,i:0}}			- 😵	Certificate Erro	or 🍫 🗙 🛃 Go	oogle		• م
🖕 Favorites 🏾 🌈 VMware Infrastructur	re Web Access (teppap@tep						🗄 🔻 🗟 🔻 🖻	1 🖶 🔻 Page	<ul> <li>Safety ▼ Too</li> </ul>	s <b>▼ @</b> ▼ <sup>»</sup>
VMware Infrastructure Web Acc Application Virtual Machine Add	cess (teppap@teppap-nb ministration 🛛 🔲 🚺 👂	) ©					Help	Virtual Applia	nce Marketplace	Log Out
Tirventory ▼	Uirtual Machin	es Tasks Events Pe	rmissions							
<u>⊡</u> u xp	General					-	Commands			-
	<ul> <li>Hostname Manufacturer Model</li> <li>Processors</li> <li>Usage</li> <li>Memory Usage</li> <li>Datastores</li> <li>Name ▲</li> <li>Bridged</li> <li>Name ▲</li> <li>Bridged</li> </ul>	teppap-nb Intel(R) Core(TN)2 D 1 CPU × 2 Cores 3,92 GB Capacity	100 CPU T71 0.00 MHz 09 MB Free Spa	00 © 1.80GHz ce Location VMnet vmnet0	Type bridged		Create Virtual M Add Virtual M Add Datastorn Configure Optic Edit Host Sett Calit Virtual M Refresh Netw VMware Tips Upgrade to VMwa afford! Improve server of	I Machine achine to Invent e ons achine Startup/S ork List	e at a price you o this thigher perform	D B ance.
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2. [] invertory [][[][[][][][][][][][][]]] server [][[][][][][]]

3. DDDDDDDDDDDDDAllow virtual machines to start and stop automatically with the system

irtual Machine Startup/Sh	utdown Se	ttings			
<b>ystem Settings</b> ] Allow virtual machines to sta	art and stop	automatically wi	th the system		
efault Startup Delay fter each virtual machine star o seconds Start next VM immediately i	tup, delay f f the VMwar	or: e Tools start	Default Shutdo For each virtual 0 second Shutdown Action	own Delay machine, delay shutdow ds n: Power Off	wn for:
ower on the specified machine	s when the	system starts. D	uring shutdown t	hey will be stopped in t	he opposite order.
Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	
Any Order	otartap	orancap orang	Chataonn	chacaonn bonay	
Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	
Ianual Startup					
Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	
хр	Disabled	0 seconds	Power Off	0 seconds	Move Up
					Move Down
Help					OK Cancel

#### System Settings

Allow virtual machines to start and stop automatically with the system

Default Startup Delay	Default Shutdown Delay
After each virtual machine startup, delay for:	For each virtual machine, delay shutdown for:
0 seconds	0 seconds
Start next VM immediately if the VMware Tools start	Shutdown Action: Power Off

#### Startup Order

Power on the specified machines when the system starts. During shutdown they will be stopped in the opposite order.

Specified Order					
Virtual Machine	Startup	Startun Delay	Shutdown	Shutdown Delay	
Any Order					ו
Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	
хр	Enabled	0 seconds	Power Off	0 seconds	
Manual Startup					
Virtual Machine	Startup	Startup Delay	Shutdown	Shutdown Delay	Move Up
					Hove Down Edit
Help					DK Cancel

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## **NULL Vmware Server 2**

# **□ Grave □□ Mint amd64**



(\_\_\_\_\_Alt+Space ) Grave \_\_\_\_\_ Linux (mint7 \_\_\_\_\_\_\_ ubuntu 8.10) \_\_\_\_\_ \_\_\_\_\_\_ nnnnnnnnnnnnnnnnnnnnnnn Grave nnnnnn

Grave xkb-data-grave.deb 000000 32 bit 0000000 000000000000000000 64 bit Π amd64 ΠΠΠ 

<u>F</u> ile <u>H</u> elp	
Package: xkb-data-grave	Install Package
Status: Error: Wrong architecture 'i386'	
Description Details Included Files	
Grave Switches layout with X11 keyboard system(XKB)	
This package Develop for Ubuntu 8.10 (Intrepid Ibex).	

<u>F</u> ile <u>E</u> dit <u>V</u> iew <u>G</u> o <u>B</u> o	okmarks <u>T</u> abs <u>F</u>	<u>l</u> elp					
Back Forward	Up Stop	C Reload	Tome	Compute	r Search		• • • • • •
Location: /home/te	opap/Desktop/grave	-key			୍ଦି 50% ୍ତି	List View	\$
Places 🗸 🗱	Name	~	Size	Туре	Date Modified		Pe
🛅 teppap	Tules		5 items	folder	Wed 09 Dec 2009	9 10:16:34 PM	ICT drv
Desktop	Symbols		1 item	folder	Wed 09 Dec 2009	9 10:16:34 PM	ICT drv
File System	▷ 🚞 xkb		1 item	folder	Wed 09 Dec 2009	9 10:16:34 PM	ICT drv
📠 Network	💣 script.sh		119 bytes	shell script	Wed 09 Dec 2009	9 10:41:44 PM	ICT -rw
CCU680_UMSD 🔺 📸 Trash							
Documents	-			\$			
🛅 Music							
Pictures							
Videos							
4 items Free space: 109 3 G	B						>

.

```
<u>File Edit View Terminal Help</u>
```

```
teppap@prasert-mint ~ $ su -
Password:
( Today is what happened to yesterday. )
             0
  0
    {~...~}
( Y)
     ()~*~()
     ()-()
prasert-mint ~ # cd /home/teppap/Desktop/grave-key/
prasert-mint grave-key # ls
rules script.sh symbols xkb
prasert-mint grave-key # chmod 755 script.sh
prasert-mint grave-key # ./script.sh
                                                            Ξ
prasert-mint grave-key #
                                                            ~
```



General	Layouts	Accessibility	Mouse Keys	Typing Break	c
Keyboa	rd <u>m</u> odel:	G	ieneric 105-ke	ey (Intl) PC	
🗹 Sep	arate <u>l</u> ayo	out for each wi	ndow		
<u>S</u> electe	d layouts	:			
Layout	:			0	Default
USA					0
Thaila	nd				0
<u>R</u> em	ove	Print	<u>A</u> dd	Reset to D	e <u>f</u> aults
		Apply System-	Wide	Layout <u>O</u> ption	is
<u>T</u> ype to te	est setting	ıs:			
<u>H</u> elp					<u>C</u> lose

Both Shift keys together change layout.	^
Both Win-keys switch layout while pressed.	
CapsLock key changes layout.	
CapsLock switch to first layout, Shift+CapsLock switch to last layout.	Н
Ctrl+Shift change layout.	_
Grave switches layout	=
□ LCtrl+LShift change layout.	
Left Alt key changes layout.	
<ul> <li>Left Alt key switches layout while pressed.</li> </ul>	
<ul> <li>Left Ctrl key changes layout.</li> </ul>	
<ul> <li>Left Shift key changes layout.</li> </ul>	
Left Win-key changes layout.	~
<u>H</u> elp <u>C</u> lose	

# Save as pdf [][][][] microsoft office 2007



- o Microsoft Office Access 2007
- o Microsoft Office Excel 2007
- o Microsoft Office InfoPath 2007
- o Microsoft Office OneNote 2007
- o Microsoft Office PowerPoint 2007
- o Microsoft Office Publisher 2007
- o Microsoft Office Visio 2007
- o Microsoft Office Word 2007

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kk.exe -f -r -y -a

🔤 C:\WINDOWS\system32\cmd.	ехе		-	
D:∖≻dir Volume in drive D has Volume Serial Number i	no label. s 6241-647E			
Directory of D:\				
05/12/2009 11:29 AM 05/12/2009 11:29 AM 04/29/2009 11:26 AM 11/18/2008 09:18 AM 12/25/2008 01:03 PM 05/05/2009 02:42 PM 04/29/2009 11:24 AM 05/02/2009 02:54 PM 05/02/2009 02:52 PM 02/25/2009 02:52 PM 02/25/2009 02:06 PM 12/25/2008 12:05 PM 02/13/2009 09:54 AM 07/12/2009 09:54 AM 07/12/2009 02:02 PM 10/22/2008 10:02 AM 3 File(s)	<pre><dir></dir></pre>	2003-64 2003-64.zip clean-conficker diagtool IBM Director KK.exe KK_v3.4.6.zip LevelOne LevelOnw Omnivista Share SmartUPS TippingPoint Trend Micro Windows2003_x64 4 bytes 2 bytes free		
D:\>kk.exe -f -r -y -a				-

C:\WINDOWS\syste	m32\cmd.exe	
scanning	modules in explorer.exe	
disabling autoru	n on all drive types	
scanning C:\WINDOWS\syste scanning scanning scanning scanning scanning scanning scanning scanning scanning	C:\WINDOWS\system32 m32\paalq.dll infected Net-Worm.Win32.Kido C:\Program Files\Internet Explorer\ C:\Program Files\Movie Maker\ C:\Program Files\Windows Media Player\ C:\Program Files\Windows NT\ C:\Documents and Settings\teppap\Application Data C:\DOCUME~1\teppap\LOCALS~1\Temp\1\ C:\ D:\	cured
completed Infected jobs: Infected files: Infected threads Spliced function Cured files: Fixed registry k	0 1 5: 7 5: 7 1 eys: 9	<b>•</b>

#### 

#### Switches to run the utility KK.exe from the command prompt:

Switch	Description
-p <scan path=""></scan>	scan a defined folder
- f	scan hard disks, scan portable hard disks
- n	scan network disks
- r	scan removable drives
- y	end program without pressing any key
—s	silent mode (without a black window)
-l <file name=""></file>	write info into a log
	extended log maintenance (the switch $-\mathbf{v}$
- V	works only if the <b>-l</b> switch is entered in
	the command prompt)

-z	restore the services • Background Intelligent Transfer Service (BITS), • Windows Automatic Update Service (wuauserv), • Error Reporting Service (ERSvc/WerSvc	
- x	restore display of hidden system files	
—a	disable auto start from all drives	
—m	<pre>mode to monitor threads, tasks, services. When in this mode, the utility constantly resides in memory and will periodically perform scans of threads, services, and     scheduler tasks. If an infection is detected, it will perform disinfection and     continue monitoring.</pre>	
- j	restore the registry branch SafeBoot (if the registry branch is deleted, computer cannot boot in safe mode)	
-help	show additional information about the utility	
conficker [][][ 000000000000000000000000000000000	0 000000000000000000000000000000000000	

wordpress

active

# directory



Mapping [] Moodle" [] [] [] [] moodle [] [] [] [] \_\_\_\_\_WordPress \_\_\_\_ 

\_\_\_\_\_ moodle \_\_\_\_\_ wordpress \_\_\_\_ moodle \_\_\_\_\_\_ ldap \_\_\_\_\_ active directory integration (D DDDDDD 7 DDDDDDD 20552 DDDDDDDDDD 0. wordpress 

http://wordpress.org/extend/plugins/active-directory-integrati on/

- \* WordPress since 2.7.1
- \* PHP 5
- \* LDAP support
- \* OpenSSL Support for TLS (recommended)

DDDDDDDDD LDAP Module DDDDDD php DDDDDDDDDDDDDDDDD 

\_\_\_\_\_Extension \_\_\_\_\_ php \_\_\_\_\_

Active Directory Integration

**DODDODODOD Active Directory Server** 

Domain Controllers DDD DDDDDDDDDDDD Active Directory

Domain Controllers university.local

Bind User cn=administrator,cn=users,dc=university,dc=local

Bind User Password \_\_\_\_\_ dministrator \_\_\_\_ administrator \_\_\_\_

Bind User Password \*\*\*\*\*\*\*\*

 Base DN
 OOD
 OU
 <

Base DN ou=users,dc=rmutl,dc=local

#### **UCCOURT 20 User specific settings**

Account Suffix university.local

**DODOOOD 3 DOO Authorization** 

#### **DODDODO** 4 **DOD Brute Force Protection**

 Opposition
 Opposit

#### 

Fatal error: Call to undefined function ldap\_connect() in C:\AppServ\www\wordpress\wp-content\plugins\active-directoryintegration\ad\_ldap\adLDAP.php on line 183

WORDPE	RESS
Username	
Password	
Remember Me	Log In
Lost your password?	

 Output
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畲 Dashboard	🐣 Profile			
🖑 Profile 🔍 🔻	Personal Options			
> Your Profile				
Tools	Admin Color Scheme		Blue	
		•	Gray	
	Name			
	Name			
		G		
	Username	teppap		Your username cannot be
		changed.		
		Dracert		
	First name	Prasert		
	Last name	Teppap		
	Last hame			
	Nickname (required)	teppap		
	Display name publicly as	teppap	•	
		teppap		
	Contact Info	teppap		
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# Data Mapping D Moodle