

## Image Details

**Image Name:** CollaborationUTP

Creation Date: November 2008

Created by: Kevin Smith (*ksmith@novell.com*)

## VMware Configuration

Version 5.5 Compatibility Mode

Memory 1280Mb

Hard Disk (SCSI 0:0) 20.0GB

Ethernet 1 using vmnet5

## Installed Software

SLES 10 sp2

eDirectory 8.8.3

ConsoleOne 1.36h

GroupWise 8

GroupWise Instant messenger 2.04

Teaming Novell 1.0.3 + Advanced License

Conferencing 1.0.1

## Build Notes

### SLES10 SP2

Default Packages, DNS & DHCP, IBM-Java 1-5 , MYSQL + + JAVA + Postgresql Server + neon + thunderbird + java and adobe plugins for firefox and packages for VMware GCC, Kernel Source and Kernel syms

Domain Name TplusCUTP.utopia.novell.com

IP Address 172.17.2.86, 172.17.2.87, 172.17.2.88, 172.17.2.89

DNS 172.17.2.86 & 137.65.1.3

Gateway 172.17.2.2

firewall disabled

ipv6 disabled

created users: bob & tina

Installed VMware tools

VMware fix renamed /etc/sysconfig/network/ifcfg-bus-pic-<mac> to /etc/sysconfig/network/ifcfg-eth0 for vmware

Apply utopia fixes to vmx

uuid.action="keep"

Keyboard.typematicMinDelay=1000000000

snap.action="prompt"

Added port redirection so port 80 redirect to port 8080

## DNS Configuration

Zone Master = utopia.novell.com

ns record = TplusCUTP

mx record = TplusCUTP

a record = TplusCUTP 172.17.2.86

a record = ConfServerUTP 172.17.2.87  
a record = ConfPortalUTP 172.17.2.88  
a record = ConfShareUTP 172.17.2.89  
Forwarder = 137.65.1.3  
Reverse DNS  
create master zone 2.17.172.in-addr.arpa  
ns record 86.2.17.172.in-addr.arpa  
86 tpluscutp.utopia.novell.com  
87 confserverutp.utopia.novell.com  
88 confportalutp.utopia.novell.com  
89 confshareutp.utopia.novell.com  
Added support for offer Demo Domain Names and Demo machines  
Ref.: [DNS / IP Address](#)

### **eDir Configuration**

ndsconfig new -t tplusctreeutp -n ou=servers.o=system -a cn=admin.o=system -e  
bond http to 172.17.2.86

### **ConsoleOne Configuration**

All languages  
All Default Snap-ins  
Copied ConsoleOne launcher to /opt/gnome/share/applications to provided a luncher in the  
application bar

### **Tree Configuration**

Created  
o=system  
o=utopia  
ou=users.o=utopia  
o=DA

### **GroupWise Configuration**

System Name =utopia  
Domain Name = utopiadom /grpwise/dom  
Post Office Name = utopiapo /grpwise/po  
Post Office Configuration  
Link = TCP/IP  
Client Server Port = 1677  
Message Transfer Port = 7101  
HTTP Port = 7181  
MTA Configuration  
Message Transfer Port = 7100  
HTTP Port = 7180  
Internet Agent  
Port MTA = 7110

DNS Name = TplusCutp.utopia.novell.com  
Internet Email Name utopia.novell.com  
Install GroupWise Client  
Additional Configuration (ConsoleOne)  
GroupWise System Operations  
System Preferences, External Access, Allow Busy Search and Tracking, default password novell  
System Preferences, Internet Addressing = utopia.novell.com  
System Preferences, eDirectory user sync enabled  
GroupWise Utilities  
Client Options, Security, use eDirectory Authentication  
Domain Settings  
GWIA, Access Control,SMTP really - Allow  
Post Office settings  
POA, Agent Settings , Enable SOAP SSL, Enable Imap  
Web Access  
configured to use the same version of tomcat as teaming  
/opt/icecore/liferay/webapps  
chkconfig postfix off  
created users bob, tina, teaming,conference and admin  
added mobile phone to address book

### **Calendar Publisher Configuration**

Setting Up Calendar Publishing Administration  
ConsoleOne  
Create a user called CalPubAdmin in the system container, password = novell  
Create a group called CalAdminGrp in the system container  
Add CalPubAdmin, Admin users to the CalAdminGrp group  
Configure the POA for Calendar Publishing  
ConsoleOne  
Select properties of the POA poa.utopiapo.servers.system  
GroupWise, Agent Settings Tab, Enable Calendar Publishing  
no to ssl  
Configure the Publisher  
run the installer  
/opt/novell/groupwise/software/install  
select install products  
GroupWise Calendar Publishing host  
Configure Calendar Publishing Host Application  
POA Network Address: 172.17.2.86  
Calendar Publishing Port: 7171  
Apache Path: Default  
Tomcat Path: default  
LDAP Server Address: 172.17.2.86

Port:389

User Container for Contextless Login: o=system

Group That User Must Be a Member Of: cn=CalAdminGrp,o=system

exit

Configure the Publishing Host

ConsoleOne

Highlight the GroupWise System then click Tools > GroupWise System Operations > \*\*Web  
Calendar Publishing Hosts, then click Add

Add a name :CalendarPublisher

<http://172.17.2.86/gwcal>

ip address 172.17.2.86

tcp port 8080

Enabling Calendar Publishing

ConsoleOne

Goto the the domain utopiadom.servers.system

Tools, GroupWise Utilities ,Client Options.

Select Environment. Calendar and Select the Calendar Host from drop down and enable all  
options

### **Teaming Configuration**

increased open file

/etc/security/limits.conf

hard nofile 65536

soft nofile 4096

Default installation

Enabled LDAP Authentication to eDirectory

Enabled mail incoming and outgoing mail via GroupWise

add zonuser :LDAP Sync zonName=cn

unselected Delete users that are not in LDAP & Delete local groups that are not in LDAP

Install GroupWise Portlets and enabled bob, tina and admin

added utf8 support

added mirrored folder to expose client installs

### **Conferencing Configuration**

Default Installation

LDAP Integration configured

### **Conferencing**

Conference Clients the links are only valid from the teaming / conference server

Use DNS resolution no ip address, make sure DNS name is in lower case

<http://confportalutp.utopia.novell.com/downloads/index.html>

### **SAMBA server**

workgroup=workgroup

smb.conf

[GroupWiseClients]

comment = GroupWise Clients Installation Source

path = /opt/novell/groupwise/software/client

read only = yes

public = yes

server string = Collaboration Server

netbios name = Collaboration

## How To's

### Create a New User

Create User in ConsoleOne

Make Sure when creating users the users have an email address and given name

Sync LDAP via Teaming Portal, Teaming Administration, Configure LDAP, Run immediately

Sync LDAP for Conferencing.

open a terminal cd /opt/iic/bin/

sh ldap-sync.sh confportalutp.utopia.novell.com

### Client install share

smb://172.17.2.86/GroupWiseClients

Client Mac intel and PPC, Windows & Linux

Global Worksapce

Client Software

Pidgin and Conferencing Clients:

[http:// confportal.utopia.novell.com/download/index.html](http://confportal.utopia.novell.com/download/index.html)

## Reference

### HOSTS

172.17.2.86	tpluscutp.utopia.novell.com	tpluscutp
172.17.2.87	confserverutp.utopia.novell.com	confserverutp
172.17.2.88	confportalutp.utopia.novell.com	confportalutp
172.17.2.89	confshareutp.utopia.novell.com	confshareutp

### URL's

Teaming Home Page: [http:// tpluscutp.utopia.novell.com:8080](http://tpluscutp.utopia.novell.com:8080)

Conferencing Admin: [http:// confportalutp.utopia.novell.com/imidio/console](http://confportalutp.utopia.novell.com/imidio/console)

GroupWise Web Access: [http:// tpluscutp.utopia.novell.com:8080/gw/webacc](http://tpluscutp.utopia.novell.com:8080/gw/webacc)

GroupWise Monitor [http:// tpluscutp.utopia.novell.com:8080/gwmon/gwmonitor](http://tpluscutp.utopia.novell.com:8080/gwmon/gwmonitor)

Calendar Admin: [http:// tpluscutp.utopia.novell.com:8080/gwcal/calendar](http://tpluscutp.utopia.novell.com:8080/gwcal/calendar)

Published Calendars: [http:// tpluscutp.utopia.novell.com:8080/gwcal/admin](http://tpluscutp.utopia.novell.com:8080/gwcal/admin)

Pidgin and Conferencing Clients: [http:// confportal.utopia.novell.com/download/index.html](http://confportal.utopia.novell.com/download/index.html)

GroupWise Instant Messenger 172.17.2.86:8300

### Users

Administrator user names for Teaming & Conferencing

admin / n0v3ll

Default users

bob / novell & tina / novell

## Bugs and things to look out for

### Conferencing

Conferencing use DNS names not IP Address  
Conferencing use lower case DNS  
Unable to download pidgin or conferencing  
to overcome this use the DNS name  
If required manually add the entries to your hosts file

### **Demo Domain & User Names**

rediguanagrill.com

Emilio Sanchez - esanchez@rediguanagrill.com

Sal Monella - smonella@rediguanagrill.com

Grill Morris Van Kellen mvankellen@rediguanagrill.com

danforthmedical.com

Ryan Gallagher - rgallagher@danforthmedica.com

Chaz Sadyk - csadyk@Danforthmedical.com

Alicia Resendez - arendez@Danforthmedical.com

Tom Jablonski - tjablonski@Danforthmedical.com

Thor Hallman - thallman@Danforthmedical.com

Bill Nevins - bnevins@Danforthmedical.com

Zerron Cameron - zcameron@Danforthmedical.com

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