

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

Zermatt VM Guide (Zermatt V3.0.1)

Whilst all reasonable care has been taken to ensure that the details are true and not misleading at the time of publication, no liability whatsoever is assumed by Automature LLC, or any supplier of Automature LLC, with respect to the accuracy or any use of the information provided herein.

Any license, delivery and support of software require entering into separate agreements with Automature LLC.

This document may contain confidential information and may not be modified or reproduced, in whole or in part, or transmitted in any form to any third party, without the written approval from Automature LLC.

Copyright © 2010 Automature LLC

All rights reserved.

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

Revision History

Ver.	Date	Name	Description of Changes
2.6	30-08-2011	Dipayan Sengupta	First Edition
2.6	02-09-2011	Dipayan Sengupta	Second Edition
3.0.1	06/11/12	Soham Ghosh	Third Edition

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

Contents

<u>1 Introduction.....</u>	<u>4</u>
1.1 Document Purpose.....	4
1.2 Intended Audience.....	4
<u>2 Virtual Machine Configuration.....</u>	<u>5</u>
2.1 Change the IP Address of the virtual machine.....	5
2.2 Change the Host name of the virtual machine.....	5
<u>3 TWiki Port Configuration (If required).....</u>	<u>7</u>
3.1 Steps to configure TWiki Port.....	7
<u>4 Apache Port Configuration (If required).....</u>	<u>8</u>
4.1 Steps to configure Apache Port	8
<u>5 Zermatt configuration.....</u>	<u>9</u>
5.1 Steps to configure Zermatt.....	9
<u>6 MySQL configuration.....</u>	<u>10</u>
6.1 Steps to configure MySql.....	10

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

1 Introduction

- Zermatt is a web server application that has been developed using Perl, MySQL, Apache, TWiki and TML (TWiki Markup Language). Zermatt helps you to plan and report the QA processes of an organization.
- **VMware Player** is a freeware virtualization software package from [VMware, Inc](http://www.vmware.com)

1.1 Document Purpose

- The Configuration Guide provides step by step instructions for configuring Zermatt in a Virtual Machine.

1.2 Intended Audience

- This Configuration Guide is intended for system administrators, who would be installing and managing Zermatt.

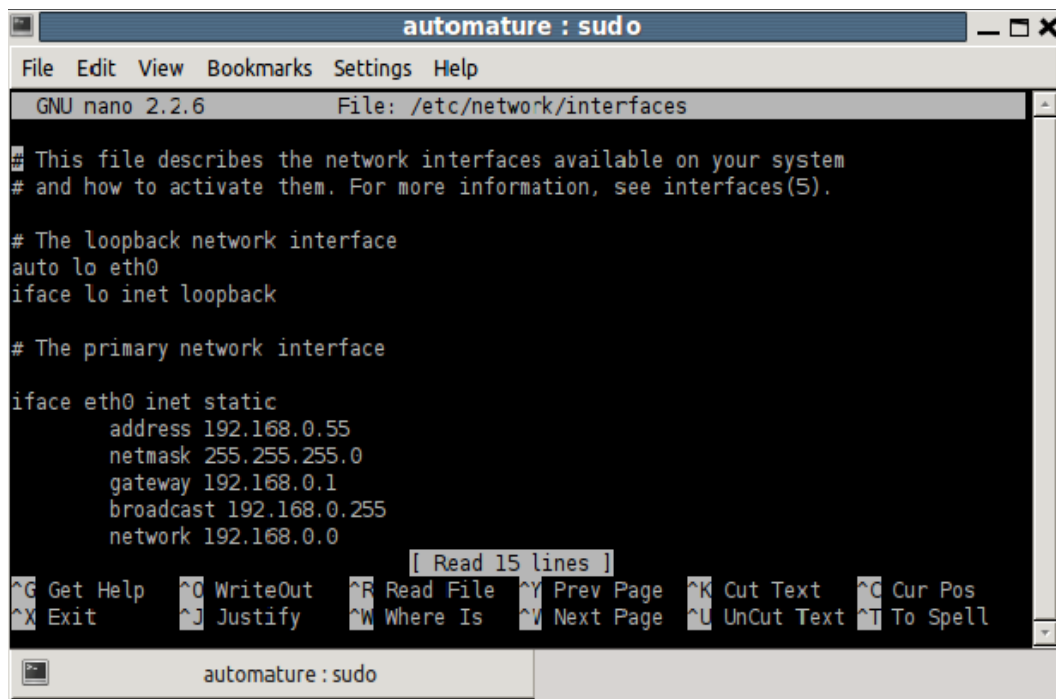
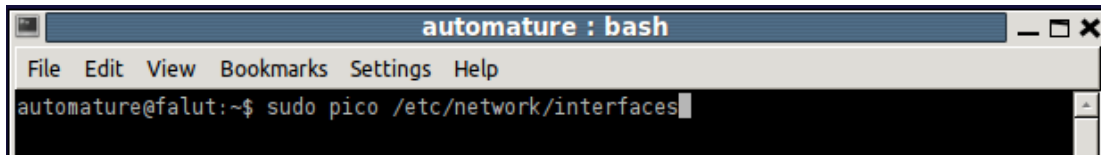
ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

2 Virtual Machine Configuration

2.1 Change the IP Address of the virtual machine.

1. On the fresh copy of zermatt virtual machine change the IP address of the virtual machine.

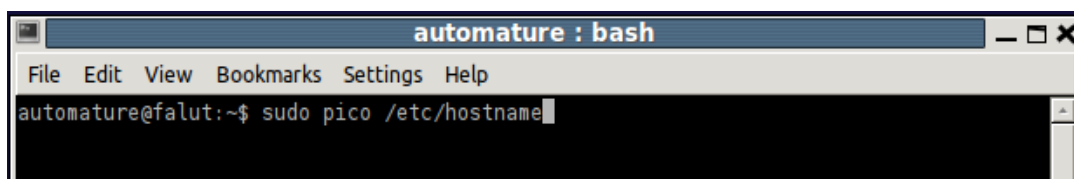
```
sudo pico /etc/network/interface
```



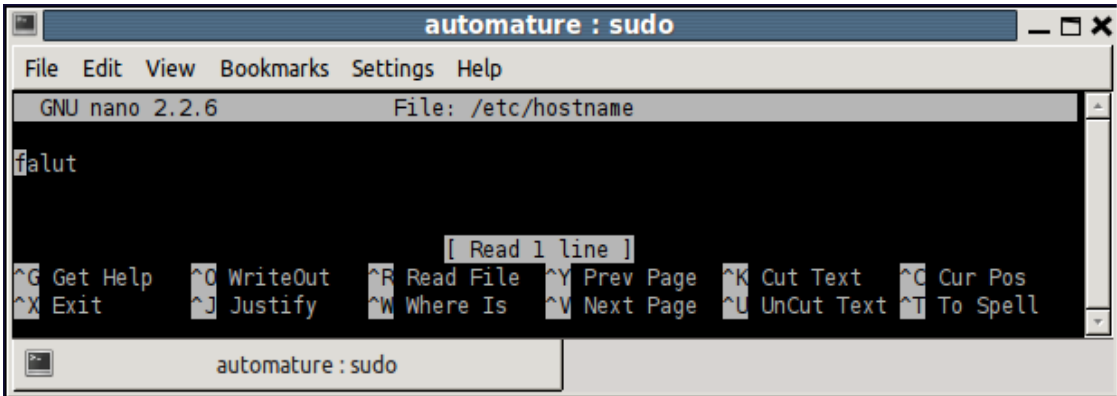
2.2 Change the Host name of the virtual machine.

1. Change the Host name of the virtual machine

```
sudo pico /etc/hostname
```



ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012



ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

3 TWiki Port Configuration (If required)

3.1 Steps to configure TWiki Port

1. To configure TWiki login to <http://localhost:21680/twiki/bin/configure>

Enter the configuration password

Your Password:

2. Enter password and configuration screen will appear. In configuration screen click on “General path settings”.

Explanation of colours and symbols:

- Settings marked **like this** are required (they must have a value).
- Any **errors** in your configuration will be highlighted.
- **Warnings** are non-fatal, but are often a good indicator that something that is wrong.
- The little **δ** after an entry means that the current value is **not** the same as the default value. If you hover the cursor over the **δ**, a popup will show you what the default value is.
- **EXPERT** means a setting is for expert use only. You should not fiddle with it unless you know what you are doing, or at least have read all the documentation. EXPERT options are hidden unless you click the [Yes, I've read all the documentation](#) button.

Settings Click the buttons below to open each section	Open all options
Environment variables (read only)	
CGI Setup (read only)	
General path settings	
Security setup	
Anti-spam measures	
Log files	
Localisation	

3. Add port to DefaultUrlHost and PermittedRedirectHostUrls.

This is the root of all TWiki URLs e.g. <http://myhost.com:123>.

{DefaultUrlHost}δ

If your host has aliases (such as both www.twiki.org and twiki.org, and some IP addresses) you need to list them to tell TWiki that redirecting to them is OK. TWiki uses redirection as part of its normal mode of operation when it changes between editing and viewing. The security setting {AllowRedirectUrl} is per default disabled making redirecting to other domains restricted to prevent TWiki from being used in phishing attacks to protect it from middleman exploits. You can add additional URLs to this setting to enable redirects to additional trusted sites. Enter as comma separated list of URLs or hostnames. The URL must be in the format <http://your.domain.com>.

{PermittedRedirectHostUrls}δ

4. Click next and click save to complete the process.

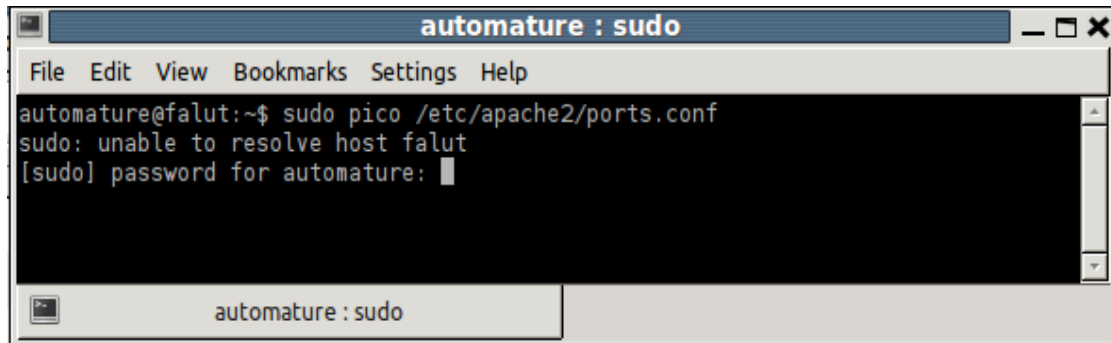
ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

4 Apache Port Configuration (If required)

4.1 Steps to configure Apache Port

1. To configure Apache port open console and type :

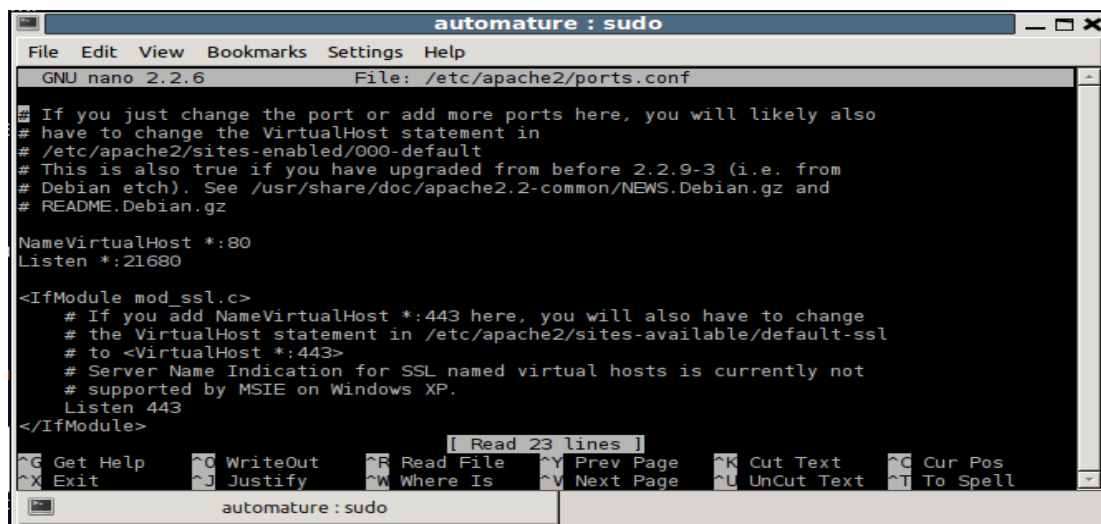
```
sudo pico /etc/apache2/ports.conf
```



```

automature : sudo
File Edit View Bookmarks Settings Help
automature@falut:~$ sudo pico /etc/apache2/ports.conf
sudo: unable to resolve host falut
[sudo] password for automature:

```



```

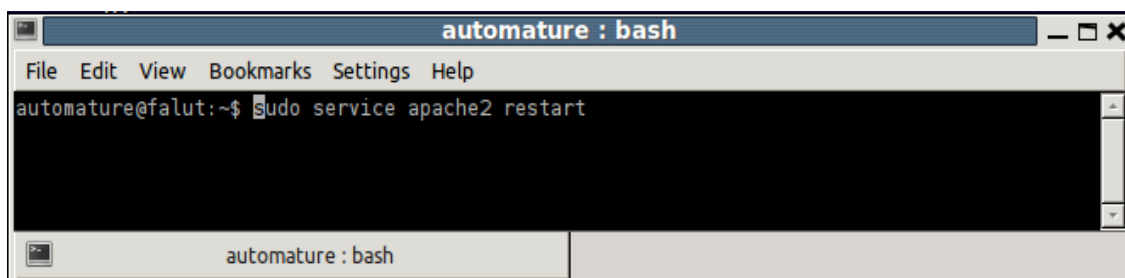
automature : sudo
File Edit View Bookmarks Settings Help
GNU nano 2.2.6 File: /etc/apache2/ports.conf
# If you just change the port or add more ports here, you will likely also
# have to change the VirtualHost statement in
# /etc/apache2/sites-enabled/000-default
# This is also true if you have upgraded from before 2.2.9-3 (i.e. from
# Debian etch). See /usr/share/doc/apache2.2-common/NEWS.Debian.gz and
# README.Debian.gz

NameVirtualHost *:80
Listen *:21680

<IfModule mod_ssl.c>
# If you add NameVirtualHost *:443 here, you will also have to change
# the VirtualHost statement in /etc/apache2/sites-available/default-ssl
# to <VirtualHost *:443>
# Server Name Indication for SSL named virtual hosts is currently not
# supported by MSIE on Windows XP.
Listen 443
</IfModule>
[ Read 23 lines
^G Get Help      ^O WriteOut      ^R Read File     ^Y Prev Page     ^K Cut Text      ^C Cur Pos
^X Exit          ^J Justify       ^W Where Is      ^V Next Page     ^L UnCut Text    ^T To Spell
automature : sudo

```

2. Restart Apache : `sudo service apache2 restart`



```

automature : bash
File Edit View Bookmarks Settings Help
automature@falut:~$ sudo service apache2 restart

```

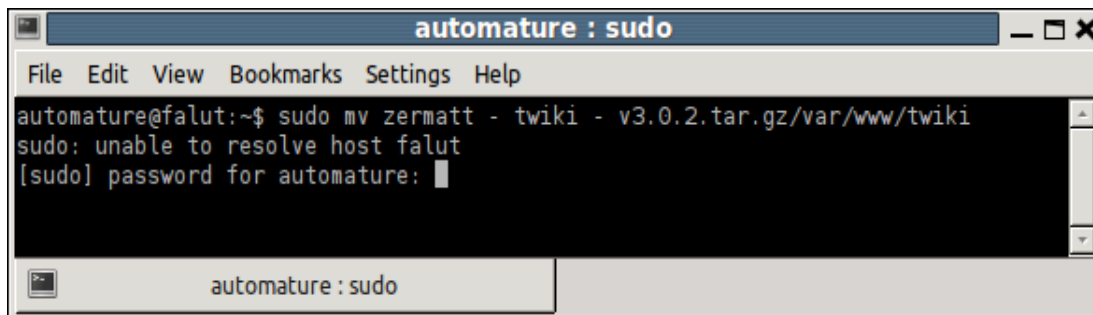

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

5 Zermatt configuration

5.1 Steps to configure Zermatt

1. To verify zermatt login open the web browser and type <http://192.168.0.55:21680/twiki/bin/view> press enter and login with userid and password.
2. Download zermatt Archive from FTP.
3. Change directory to place the zermatt Archive file downloaded location, move zermatt archive to /var/www/twiki

```
sudo mv zermatt-twiki-v3.0.2.tar.gz /var/www/twiki
```



4. To unzip the zermatt download Archive type

```
tar -xvzf zermatt-twiki-v3.02.tar.gz
```

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Soham Ghosh	Version: Zermatt Version 3.0.1	Date :06-11-2012

6 MySQL configuration

6.1 Steps to configure MySql.

1. To change MySql bind address type : `sudo etc/mysql/my.cnf`

```

automature : bash
File Edit View Bookmarks Settings Help
automature@falut:~$ sudo pico /etc/mysql/my.cnf
automature : bash

```

```

automature : sudo
File Edit View Bookmarks Settings Help
GNU nano 2.2.6 File: /etc/mysql/my.cnf
# The MySQL database server configuration file.
#
# You can copy this to one of:
# - "/etc/mysql/my.cnf" to set global options,
# - "~/.my.cnf" to set user-specific options.
#
# One can use all long options that the program supports.
# Run program with --help to get a list of available options and with
# --print-defaults to see which it would actually understand and use.
#
# For explanations see
# http://dev.mysql.com/doc/mysql/en/server-system-variables.html
#
# This will be passed to all mysql clients
# It has been reported that passwords should be enclosed with ticks/quotes
# especially if they contain "#" chars...
# Remember to edit /etc/mysql/debian.cnf when changing the socket location.
[client]
[ Read 130 lines ]
^G Get Help      ^O WriteOut      ^R Read File     ^Y Prev Page     ^K Cut Text      ^C Cur Pos
^X Exit          ^J Justify       ^W Where Is      ^V Next Page     ^U UnCut Text    ^T To Spell
automature : sudo

```

2. Download my sql Archive from FTP.
3. To move My Sql file to proper location type
`sudo mv MySQLdatav3.0.2.tar.gz /var/www/twiki`
4. To unzip the MySQL downloaded Archive file type
`sudo tar -xvzf MySQLDatav3.0.2.tar.gz`
5. To execute the file with in MySQL Archive file
`mysql -u root -p Framework<ZermattSchema.v3.0.2.sql`
`mysql -u root -p Framework<ZermattReferenceData.v3.0.2.sql`
6. To login to my sql type `mysql -u root -p`
7. Press enter and give password to login.