ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

Zermatt VM Configuration Guide (Zermatt V2.6.2)

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		
Version: Zermatt Version2.6	Date :30-08-2011	
,	Version: Zermatt Version2.6	

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

ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

Contents

1	Introduction4
	Document Purpose
	Intended Audience
2	Configuration Instructions
_	
-	Static IP set up
-	Static IP set up5 TWiki Configuration

ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

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

Document Purpose

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

Intended Audience

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

ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

2 Configuration Instructions

Static IP set up

- Open Web Browser and go the URL <u>https://localhost:10000</u>.
- Log in as automature as username and automature as password.

🛞 localhost https://l	ocalhost:10000/	ි ∨
	Login to W	ebmin
	You must password serve	enter a username and to login to the Webmin er on localhost.
	Username	automature
	Password	••••••
		Remember login permanently?
		Login Clear

- From the left side bar navigate in the following way →
 Networking-> Network Configuration.
- Navigate to Network Interfaces.



ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

• There are two tabs namely **Active now** and **Activated at boot**. In the **Active now** page, check the checkbox for **eth0** and click on **De-Activate Selected Interfaces** right below the table. The status for **eht0** should be down.

📀 📀 🛃 localhost https://lo	calhost:10000/			್ 🖌 🥙 🚼 ۷	• Google	*
Login: automature UWebmin System Servers Others Networking Bandwidth Monitoring	Active Now Interfaces listed them under the Select all. Inve	Activated at Bo d in this table are Activated at Bo ert selection. Add	Network Ir out currently active o oot tab. d a new interface.	nterfaces	nost cases, you	should edit
Linux Firewall NIS Client and Server	Name	Туре	IPv4 address	Netmask	IPv6 address	Status
Network Configuration	✓ eth0	Ethernet	192.168.0.2	255.255.255.0		Up
Network Services and Protocols	lo	Loopback	127.0.0.1	255.0.0.0		Up
PPTP VPN Client TCP Wrappers Hardware Cluster Un-used Modules	Select all. Inve De-Activate Select Return to ne	ert selection. Ado ected Interfaces twork configuration	d a new interface. on		Down	

- Go to the next tab Activated at Boot and click on eth0 and you can see the edit boot up interface page.
- Select your desired IPv4 address.

For example, if you want to make it static, click on the radio button of Static Configuration and put the desired IPv4 address say 192.168.205.32 and netmask 255.255.255.0. Click on Save button right below the table.

Login: automature	Module Index	Edit Bastur Interface	
Webmin	House mack	Edit Bootup Interface	
System	Boot Time Interface Para	meters	
Others	Name eth0	Activate	• Yes
 Networking Bandwidth Monitoring Linux Firewall NIS Client and Server Network Configuration Network Services and Protocols PPTP VPN Client TCP Wrappers Hardware 	IPv4 address From DHG From BOG Static con IPv6 addresses IPv6 disa	CP oTP nfiguration IPv4 address 192.168.205.32 Netmask 255.255.0 Broadcast Automatic 192.168.2 bled	05.255
Cluster Un-used Modules Search:	 From IPv Static configuration 	6 discovery IPv6 address Netmas	sk
View Module's Logs	Virtual 0 (Add virtual in interfaces	terface) Hardware address	• Default

ZERMATT VM CONFIGURATION MANUAL	Pages (9)	
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

You will be automatically redirected to the Activated at Boot tab. Select eth0 checkbox and click on Apply Selected Interfaces.

•

So So tocalhost https://l	ocalnosc:10000/			13 V C 1	✓ Google	a 1
Login: automature	Module Index		Network In	terfaces		
 System Servers Others Networking Bandwidth Monitoring 	Active Now Interfaces listed too. Select all, I Inver	Activated at Boo in this table will b t selection. I Add a	ot e activated when the a new interface.	system boots up, a	nd will generally b	e active now
Image: Servers Module Index Image: Servers Module Index Image: Servers Active Now Activated at Boot Image: Servers Interfaces listed in this table will be it too. Image: Networking Select all. Invert selection. Add ar Image: Servers Natworking Bandwidth Monitoring Select all. Invert selection. Add ar Linux Firewall Name NS Client and Server eth0 Network Configuration Io Loopback Select all. Invert selection. Add ar PPTP VPN Client TCP Wrappers Image: Hardware Image: Search:	IPv4 address	IPv4 address Netmask I		Activate		
NIS Client and Server	✓ eth0	Ethernet	192.168.205.32	255.255.255.0	(Yes
Network Configuration	lo	Loopback	Automatic	Automatic		Yes
Network Services and Protocols	Select all. Invert selection. Add a new interface. Delete Selected Interfaces Delete and Apply Selected Interfaces					
PPTP VPN Client						
Hardware Cluster Un-used Modules Search:	Return to net	work configuration		(

ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

TWiki Configuration

- Open Web Browser and go the URL <u>https://localhost:10000</u>.
- From the left side bar navigate in the following way \rightarrow
- File Manager-> var->www>twiki>lib
- Select LocalSite.cfg and click on edit.

Config Save Preview Edit Refresh Info	Image: State	Extract New N	Rename Hount
	//var/www/twiki/lib Name	Size	User
- dev	Assert.pm	l kB	www-data
- etc	CPAN	4 kB	www-data
- home	DEPENDENCIES	2 kB	www-data
- lost+found	LocalSite.cfg <	13 kB	www-data
- media	MANIFEST	1 kB	www-data
🚡 mnt	Monitor.pm	5 kB	www-data
🚡 opt	TWiki	4 kB	www-data
- proc	TWiki.pm	155 kB	www-data
- root	TWiki.spec	60 kB	www-data
Ho sbin			

- Navigate to General Path Settings-> Permitted Redirect Host URLs.
- Enter your static IP.
- Click on Next at the bottom of the page and click Save on the confirmation screen.



ZERMATT VM CONFIGURATION MANUAL		Pages (9)
Author : Dipayan Sengupta	Version: Zermatt Version2.6	Date :30-08-2011

MySQL configuration

This is only required when you need to report to a database using Zug.

- Open Web Browser and go the URL <u>https://localhost:10000</u>.
- From the left side bar navigate in the following way \rightarrow

File Manager-> etc->mysql.

• Select my.cnf and click on edit.

Webmin System	Config Save Preview Edit Refresh	Image: Second state of the second state of	ad Extract New N	ew Rename Mour	at Copy Cut P	aste
Servers						
Others Command Shell	bin bin boot	/ Name	Size	User	Group	Date .
File Manager HTTP Tunnel		conf.d debian-start	4 kB 1 kB	root root	root root	08/May 04/Feb
Perl Modules Protected Web Directories	akonadi alternatives	debian.cnf 🖌	333 B 816 B	root root	root root	08/May 13:29
SSH Login System and Server Status Upload and Download	- apache2 - apm - apmarmor	my.cnf.save my.cnf.save.l	3 kB 3 kB	root root	root root	31/May 02/Jun
Networking Hardware	apparmor.d apport apt					

• Go the line **Bind Address** and change the static IP and save the file.

ا Editing /etc/mysql/my.cnf		
user = myse	gl	
socket = /var/run/m	ysqld/mysqld.sock	
port = 3306		
basedir	= /usr	
datadir = /var/lib/	mysql	
tmpdir = /tmj	p	
skip-external-locki	ng	
key_buffer	= 16M	
max_allowed_packet	= 16M	
thread stack	= 192K	
unicad_seack		
thread_cache_size	= 8	

• Close the browser.

Your Configuration is now complete.