

# HOWTO – Migrate settings from ESVA 1.6.4.5 to 1.6.4.6

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*This guide will help you to migrate settings you have configured to a later build of a 1.6 series ESVA Virtual Appliance.*

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## 1. Introduction

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You are strongly recommended to take a backup of your system before major installation and backups at regular intervals.

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## 2.0 How To

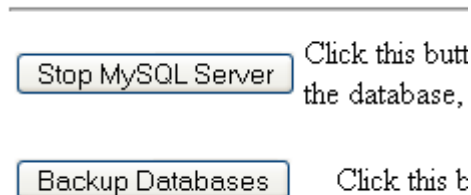
This document assumes that all hostnames and IP addresses etc will also migrate from the source appliance to the target Appliance, and that the basic VM set-up will be done on the target Appliance.

### 2.1.1 MailWatch Export

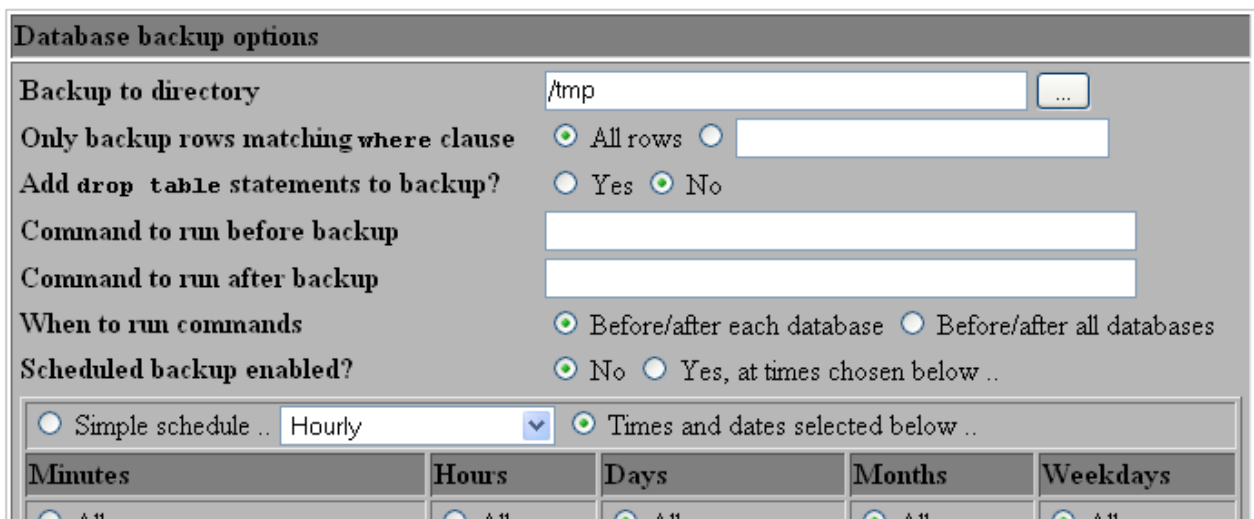
On the source appliance log into Webmin and navigate to Servers > MySQL Database Server.



Click on the Backup Databases button.

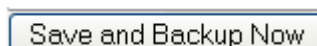


Type /tmp in the "Backup to directory" field, leaving all the other fields as default.

A screenshot of the "Database backup options" form in Webmin. The form has a title bar "Database backup options" and several fields and options:

- Backup to directory:** A text input field containing "/tmp" and a browse button "...".
- Only backup rows matching where clause:** A radio button labeled "All rows" is selected, followed by an empty text input field.
- Add drop table statements to backup?:** Radio buttons for "Yes" and "No", with "No" selected.
- Command to run before backup:** An empty text input field.
- Command to run after backup:** An empty text input field.
- When to run commands:** Radio buttons for "Before/after each database" (selected) and "Before/after all databases".
- Scheduled backup enabled?:** Radio buttons for "No" (selected) and "Yes, at times chosen below ..".
- Schedule options:** A radio button for "Simple schedule .." is selected, followed by a dropdown menu showing "Hourly" and a radio button for "Times and dates selected below ..".
- Schedule table:** A table with columns "Minutes", "Hours", "Days", "Months", and "Weekdays". Each column has a radio button labeled "All" which is selected.

Click on the "Save and Backup Now" button.



The databases will now backup.

### Backup Database

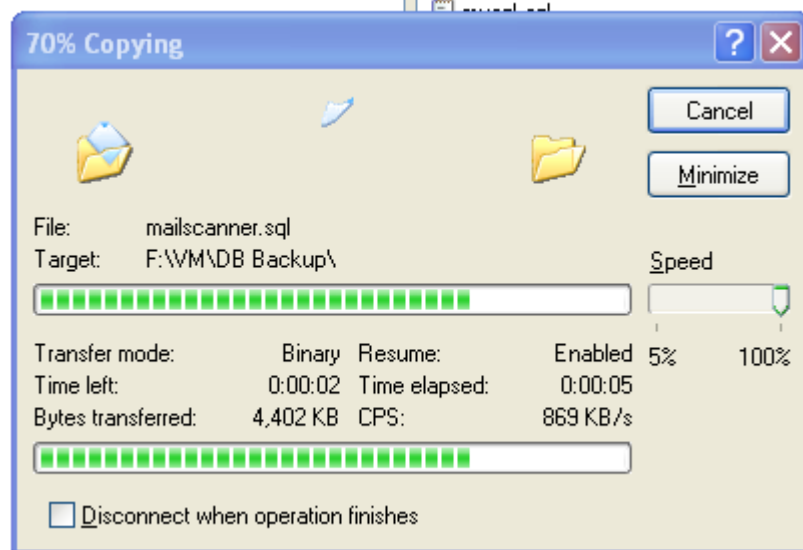
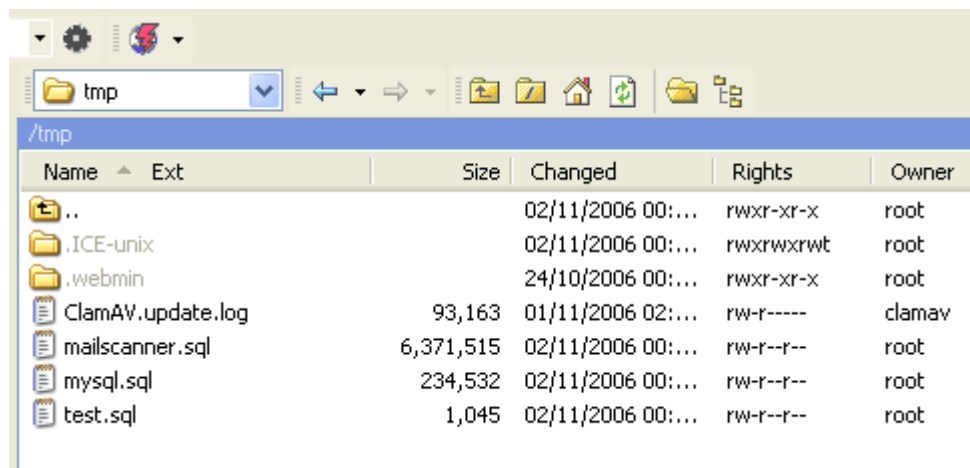
Successfully backed up 6371515 bytes from database mailscanner to file /tmp/mailscanner.sql.

Successfully backed up 234532 bytes from database mysql to file /tmp/mysql.sql.

Successfully backed up 1045 bytes from database test to file /tmp/test.sql.

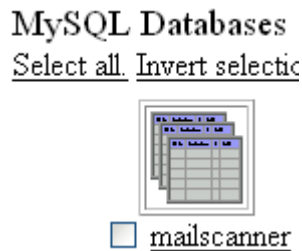
Scheduled backup for database left disabled.

Login to ESVA with WinSCP and copy /tmp/MailScanner.sql to your PC.



## 2.1.2 MailWatch Import

On the target appliance, login to Webmin and navigate to Servers > MySQL Database Server. Click on the mailscanner database.



Scroll to the bottom of the page and click on the “Execute SQL” button.

Execute SQL

Select the mailscanner.sql file you downloaded from the source appliance, then click Execute.

Select an SQL commands file to execute on database mailscanner ..

From local file  ...

From uploaded file F:\VM\DB Backup\mails

The import might take a few minutes and generate no messages.

Execute SQL

Output from uploaded SQL commands ..

No output generated

Quit Webmin – Your work here is done!

## 2.2.1 Backup Configuration files from source

Using WinSCP copy the following to your PC:

### Directories:

/var/spool/postfix/

/var/spool/MailScanner/

/etc/MailScanner/

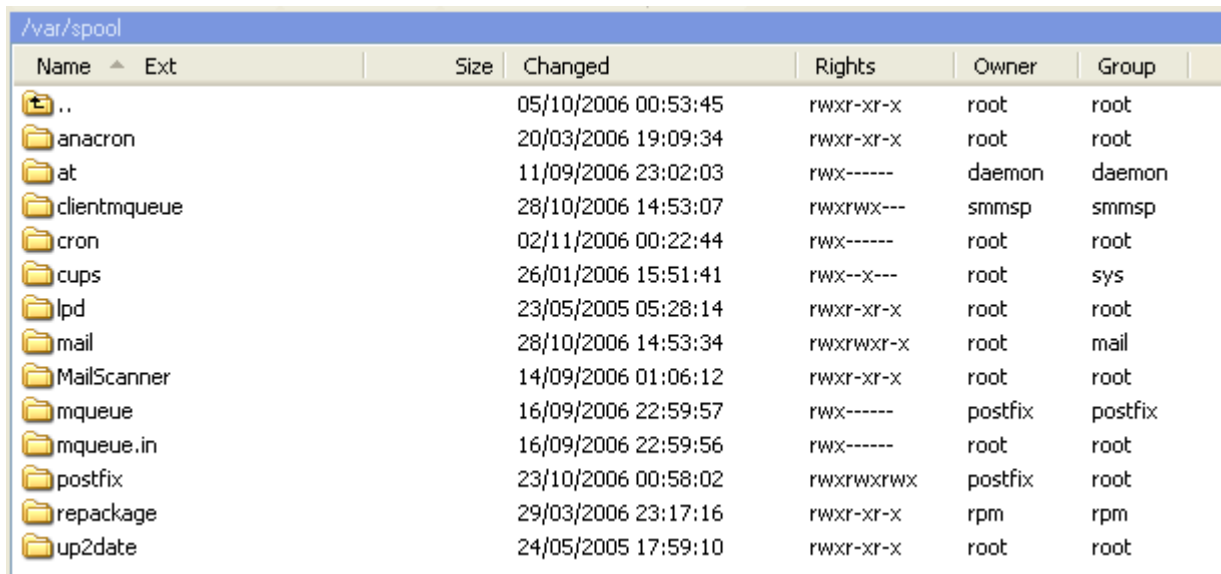
/etc/postfix/

...Any other files you have modified.

## 2.2.1 Restore Configuration files to target

Using WinSCP copy the configuration files backed up in 2.2.1 to their original location, overwriting the originals on the target

**Check the permissions and ownership of files & directories are correct on the target:**



The screenshot shows a directory listing for /var/spool. The table below represents the data shown in the image.

Name	Ext	Size	Changed	Rights	Owner	Group
..			05/10/2006 00:53:45	rwxr-xr-x	root	root
anacron			20/03/2006 19:09:34	rwxr-xr-x	root	root
at			11/09/2006 23:02:03	rwx-----	daemon	daemon
clientmqueue			28/10/2006 14:53:07	rwxrwx---	smmsp	smmsp
cron			02/11/2006 00:22:44	rwx-----	root	root
cups			26/01/2006 15:51:41	rwx--x---	root	sys
lpd			23/05/2005 05:28:14	rwxr-xr-x	root	root
mail			28/10/2006 14:53:34	rwxrwxr-x	root	mail
MailScanner			14/09/2006 01:06:12	rwxr-xr-x	root	root
mqueue			16/09/2006 22:59:57	rwx-----	postfix	postfix
mqueue.in			16/09/2006 22:59:56	rwx-----	root	root
postfix			23/10/2006 00:58:02	rwxrwxrwx	postfix	root
repackage			29/03/2006 23:17:16	rwxr-xr-x	rpm	rpm
up2date			24/05/2005 17:59:10	rwxr-xr-x	root	root

/var/spool/postfix						
Name	Ext	Size	Changed	Rights	Owner	Group
..			14/09/2006 01:05:30	rw-r-xr-x	root	root
.pyzor			23/10/2006 00:58:03	rw-rwxrwx	postfix	postfix
.razor			01/11/2006 01:34:47	rw-rwxrwx	postfix	postfix
.spamassassin			23/10/2006 00:58:04	rw-rwxrwx	postfix	postfix
active			28/10/2006 14:53:34	rw-rwxrwx	postfix	root
bounce			27/10/2006 01:23:06	rw-rwxrwx	postfix	root
corrupt			20/04/2005 16:31:23	rw-rwxrwx	postfix	root
defer			27/10/2006 01:17:11	rw-rwxrwx	postfix	root
deferred			27/10/2006 01:16:58	rw-rwxrwx	postfix	root
flush			27/10/2006 01:17:36	rw-rwxrwx	postfix	root
hold			28/10/2006 14:53:34	rw-rwxrwx	postfix	root
incoming			28/10/2006 14:53:34	rw-rwxrwx	postfix	root
maildrop			20/04/2005 16:31:23	rw-rwxrwx	postfix	postdrop
pid			26/10/2006 00:35:20	rw-rwxrwx	root	root
postgrey			02/11/2006 00:05:11	rw-rwxrwx	postgrey	postgrey
private			02/11/2006 00:05:14	rw-rwxrwx	postfix	root
public			02/11/2006 00:05:14	rw-rwxrwx	postfix	postdrop
saved			20/04/2005 16:31:23	rw-rwxrwx	postfix	root
trace			20/04/2005 16:31:23	rw-rwxrwx	postfix	root

/var/spool/postfix/postgrey						
Name	Ext	Size	Changed	Rights	Owner	Group
..			23/10/2006 00:58:02	rw-rwxrwx	postfix	root
__db.001		24,576	02/11/2006 00:05:11	rw-----	postgrey	nobody
__db.002		278,528	02/11/2006 00:05:11	rw-----	postgrey	nobody
__db.003		98,304	02/11/2006 00:05:11	rw-----	postgrey	nobody
__db.004		16,384	02/11/2006 00:05:11	rw-----	postgrey	nobody
log.0000000001		10,485,760	01/11/2006 02:32:47	rw-rwxrwx	postgrey	nobody
postgrey.db		8,192	14/09/2006 01:09:29	rw-rwxrwx	postgrey	nobody
postgrey.lock		0	01/11/2006 02:04:55	rw-----	postgrey	nobody
postgrey_clients.db		8,192	14/09/2006 01:09:29	rw-rwxrwx	postgrey	nobody

/var/spool/MailScanner						
Name	Ext	Size	Changed	Rights	Owner	Group
..			14/09/2006 01:05:30	rw-r-xr-x	root	root
incoming			02/11/2006 00:06:19	rw-----	postfix	postfix
quarantine			14/09/2006 01:05:30	rw-rwx---	postfix	apache
spamassassin			27/10/2006 23:45:41	rw-r-xr-x	postfix	postfix

/var/spool/MailScanner/spamassassin						
Name	Ext	Size	Changed	Rights	Owner	Group
..			14/09/2006 01:06:12	rwxr-xr-x	root	root
razor			23/10/2006 00:50:05	rwxr-xr-x	postfix	postfix
auto-whitelist		12,288	22/10/2006 14:51:06	rw-----	postfix	postfix
auto-whitelist.mutex		6	22/10/2006 14:51:06	rw-----	postfix	postfix
razor-agent.log		3,187	27/10/2006 23:45:51	rw-----	postfix	postfix
server.c101.cloudmark.com...		621	27/10/2006 23:45:40	rw-----	postfix	postfix
server.c102.cloudmark.com...		621	23/10/2006 00:57:03	rw-----	postfix	postfix
server.c103.cloudmark.com...		621	23/10/2006 00:54:40	rw-----	postfix	postfix
server.c104.cloudmark.com...		594	23/10/2006 00:54:21	rw-----	postfix	postfix
server.c105.cloudmark.com...		621	23/10/2006 00:55:02	rw-----	postfix	postfix
servers.catalogue.lst		95	27/10/2006 23:45:41	rw-----	postfix	postfix
servers.discovery.lst		22	23/10/2006 00:54:20	rw-----	postfix	postfix
servers.nomination.lst		38	27/10/2006 23:45:41	rw-----	postfix	postfix

/var/spool/MailScanner/spamassassin/razor						
Name	Ext	Size	Changed	Rights	Owner	Group
..			27/10/2006 23:45:41	rwxr-xr-x	postfix	postfix
razor-agent.conf		766	22/10/2006 23:51:48	rw-r--r--	root	root

Don't worry about the folders in this one – just SpamAssassin.cache.db

/var/spool/MailScanner/incoming						
Name	Ext	Size	Changed	Rights	Owner	Group
..			14/09/2006 01:06:12	rwxr-xr-x	root	root
1874			02/11/2006 00:05:45	rwxr-xr-x	postfix	postfix
1913			02/11/2006 00:05:59	rwxr-xr-x	postfix	postfix
1974			02/11/2006 00:06:08	rwxr-xr-x	postfix	postfix
2200			02/11/2006 00:06:13	rwxr-xr-x	postfix	postfix
2208			02/11/2006 00:06:19	rwxr-xr-x	postfix	postfix
SpamAssassin.cache.db		12,288	29/10/2006 00:59:41	rw-----	postfix	postfix

/etc/postfix						
Name	Ext	Size	Changed	Rights	Owner	Group
..			02/11/2006 00:05:42	rwxr-xr-x	root	root
access		15,444	20/04/2005 16:31:24	rw-r--r--	root	root
canonical		10,947	20/04/2005 16:31:24	rw-r--r--	root	root
generic		9,622	20/04/2005 16:31:24	rw-r--r--	root	root
header_checks		16,411	14/09/2006 01:06:13	rw-r--r--	root	root
helo_access		0	14/09/2006 01:06:14	rw-r--r--	root	root
helo_access.db		12,288	14/09/2006 01:06:16	rw-r--r--	root	root
LICENSE		11,942	20/04/2005 16:31:24	rw-r--r--	root	root
main.cf		26,468	26/10/2006 01:01:36	rw-r--r--	root	root
main.cf.default		14,293	20/04/2005 16:31:24	rw-r--r--	root	root
main.cf.orig		25,741	14/09/2006 01:06:13	rw-r--r--	root	root
makedefs.out		934	20/04/2005 16:31:24	rw-r--r--	root	root
master.cf		4,186	20/04/2005 16:31:26	rw-r--r--	root	root
postfix-files		17,266	20/04/2005 16:31:26	rw-r--r--	root	root
postfix-script		6,366	20/04/2005 16:31:24	rwxr-xr-x	root	root
postgrey_whitelist_clients		5,869	01/11/2006 00:42:13	rw-r--r--	root	root
postgrey_whitelist_clients.local		0	25/07/2006 08:23:52	rw-r--r--	root	root
postgrey_whitelist_recipients		188	25/07/2006 08:23:52	rw-r--r--	root	root
post-install		22,471	20/04/2005 16:31:24	rwxr-xr-x	root	root
recipient_access		0	30/09/2006 22:53:41	rw-r--r--	root	root
recipient_access.db		12,288	30/09/2006 22:54:00	rw-r--r--	root	root
relocated		6,523	20/04/2005 16:31:24	rw-r--r--	root	root
sender_access		0	14/09/2006 01:06:14	rw-r--r--	root	root
sender_access.db		12,288	14/09/2006 01:06:16	rw-r--r--	root	root
TLS_LICENSE		1,629	20/04/2005 16:31:24	rw-r--r--	root	root
transport		11,492	29/10/2006 00:59:23	rw-r--r--	root	root
transport.db		12,288	29/10/2006 00:59:24	rw-r--r--	root	root
virtual		11,732	14/09/2006 01:06:14	rw-r--r--	root	root
virtual.db		12,288	14/09/2006 01:06:16	rw-r--r--	root	root

All sub directories and files below /etc/MailScanner should be world-readable and owned by root – except /etc/MailScanner/bayes...

/etc/MailScanner						
Name	Ext	Size	Changed	Rights	Owner	Group
..			02/11/2006 00:05:42	rwxr-xr-x	root	root
bayes			01/10/2006 02:01:43	rw-rw-rw-	root	apache
mcp			14/09/2006 01:05:26	rwxr-xr-x	root	root
reports			14/09/2006 01:05:26	rwxr-xr-x	root	root
rules			01/10/2006 01:50:04	rwxr-xr-x	root	root
country.domains.conf		11,441	08/08/2006 16:28:36	rw-r--r--	root	root
filename.rules		118	30/09/2006 23:36:23	rw-r--r--	root	root
filename.rules.allowall.conf		12	30/09/2006 23:49:09	rw-r--r--	root	root
filename.rules.conf		6,851	08/08/2006 16:28:36	rw-r--r--	root	root
filetype.rules		118	30/09/2006 23:38:14	rw-r--r--	root	root
filetype.rules.allowall.conf		12	30/09/2006 23:50:07	rw-r--r--	root	root
filetype.rules.conf		921	08/08/2006 16:28:36	rw-r--r--	root	root
MailScanner.conf		99,850	29/10/2006 00:05:53	rw-r--r--	root	root
phishing.safe.sites.conf		15,062	28/10/2006 04:16:43	rw-r--r--	root	root
phishing.safe.sites.conf.old		15,062	28/10/2006 04:16:43	rw-r--r--	root	root
spam.assassin.prefs.conf		11,508	25/10/2006 22:35:26	rw-r--r--	root	root
spam.lists.conf		3,029	25/10/2006 22:38:32	rw-r--r--	root	root
virus.scanners.conf		2,532	19/09/2006 21:07:39	rw-r--r--	root	root

/etc/MailScanner/bayes						
Name	Ext	Size	Changed	Rights	Owner	Group
..			29/10/2006 00:05:53	rw-r-xr-x	root	root
bayes.mutex		12	28/10/2006 14:53:26	rw-rw-rw-r	root	apache
bayes_seen		12,288	28/10/2006 14:53:26	rw-rw-rw-r	root	apache
bayes_toks		45,056	28/10/2006 14:53:26	rw-rw-rw-r	root	apache

**!!!Don't forget to reboot once you have finished!!!**

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