

HOWTO – Extend the ESVA Quarantine

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This guide will help you to create an extended quarantine disk in order to store more messages on busy sites.

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.

1.3 Credits

Thanks to all those who complained (so nicely!) about the appalling inaccuracies in the predecessor to this document – especially to those who came back with suggestions on how to improve the document!

Any comments or suggestions should be posted to the official ESVA forum at:

<http://www.global-domination.org/forum/>

2. Prerequisites

- Sufficient free space for the new quarantine disk
- A basic grasp of VMware principles and terminology (for VMware Server)
- If using ESX server you really should be qualified to do so (VCP level)

3. Setup

Important

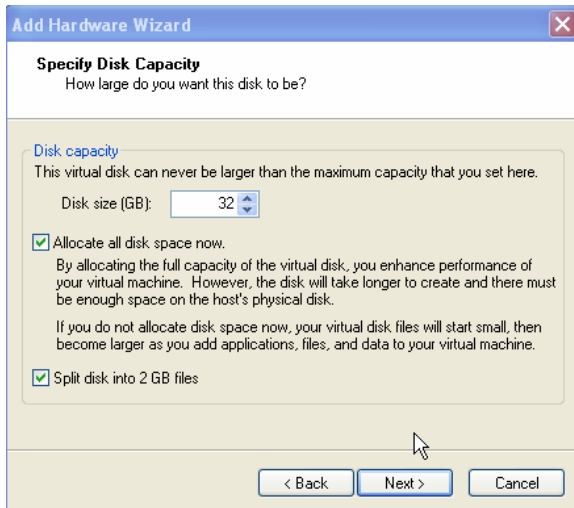
Make a backup of your ESVA before you start. The safest way is to shut it down and copy the entire directory that it resides in to a safe location.

Remove any snapshots before you commence with this procedure.

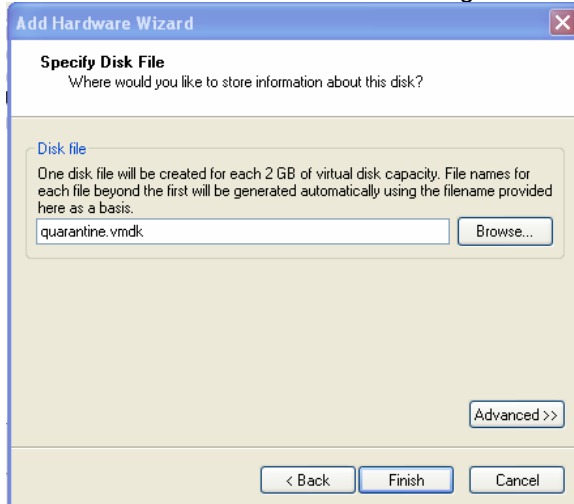
Important

This procedure will require some downtime for your ESVA and will require 2 reboots of the Virtual Machine.

- Shut down your ESVA and backup appropriately (don't use a snapshot)
- In the settings of your ESVA, add a new virtual disk (this procedure is based on VMware Server 1.0.3 - If you are using ESX server and don't know how to add a new disk, you shouldn't be attempting this procedure...):
 - Right-click the VM and select "Edit Settings"
 - On the hardware tab, click "Add"
 - Select Hard Disk, then click Next
 - Select "Create a new virtual disk" and click Next
 - Choose SCSI then click Next
- Enter the size of the disk you want to create, making sure you have enough physical space for it. You should ensure that the disk is split into 2GB files – this will aid backup and defrag operations on the host as well as possible future migrations to ESX server. The "Allocate all space now" option is optional, however by selecting it, performance on both the host and the VM will be better. Click Next when you are finished.



- Give the new disk a meaningful name – "quarantine.vmdk" is suggested – Click Finish when done. The new disk will now be created – This might take some time.



- Start your ESVA up
- Login as root on the console

- Enter the following commands:

```
cd /tmp
fdisk /dev/sdb
n
p
1
<enter>
<enter>
w

mkfs.ext3 /dev/sdb1
mkdir /tmp/quarantine
chown postfix:apache /tmp/quarantine
chmod 0770 -R /tmp/quarantine
service MailScanner stop
mount -t ext3 /dev/sdb1 /tmp/quarantine
mv /var/spool/MailScanner/quarantine/* /tmp/quarantine/
echo "/dev/sdb1 /var/spool/MailScanner/quarantine ext3 defaults 0 0">>/etc/fstab
umount /dev/sdb1
rm -rf /tmp/quarantine
init 6
```

- Your ESVA will now restart
- Confirm the success of the operation by typing `df -h` on the console as root. You should see all your mount points and sizes displayed e.g. below:

```
[root@mail-gw ~]# df -h
Filesystem                Size  Used Avail Use% Mounted on
/dev/mapper/VolGroup00-LogVol100
                          3.3G  1.3G  1.8G  42% /
/dev/sdal                  99M   11M   84M  11% /boot
/dev/shm                   252M   38M  214M  16% /dev/shm
/dev/shm                   252M   8.0K  252M   1% /var/spool/MailScanner/incoming
/dev/sdb1                  32G  177M   30G   1% /var/spool/MailScanner/quarantine
[root@mail-gw ~]#
```

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