



ESXi 6.5 Client Software 安裝 SOP

註：免費版並無支援，請確認您是否使用付費版或 60 天試用版
可於管理→授權中查看版本



Step1. 至 VMware 官網下載 VMA 6.5

Home / VMware vSphere Management Assistant 6.5 (vMA)

Download VMware vSphere Management Assistant 6.5 (vMA)

| | |
|--------------|---|
| Version | 6.5.0 |
| Description | VMware vSphere Management Assistant 6.5 (vMA) |
| Release Date | 2016-11-15 |
| Type | Drivers & Tools |

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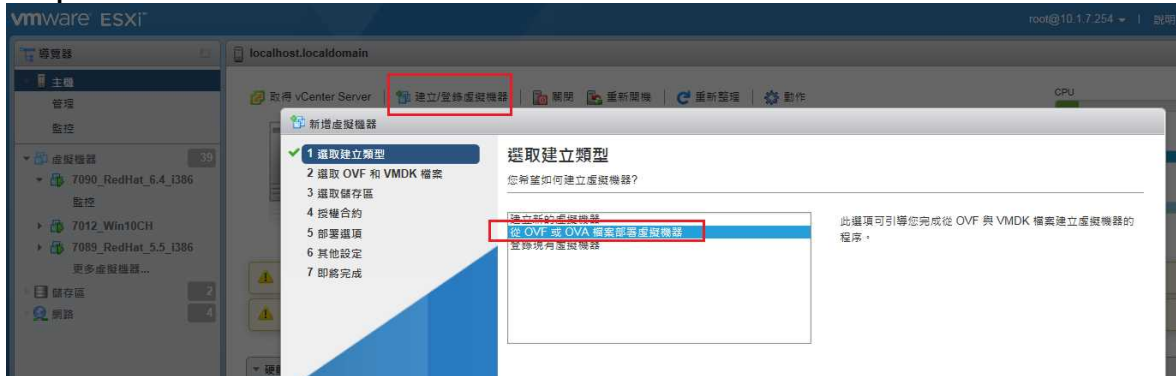
vSphere Management Assistant
File size: 660.08 MB
File type: zip

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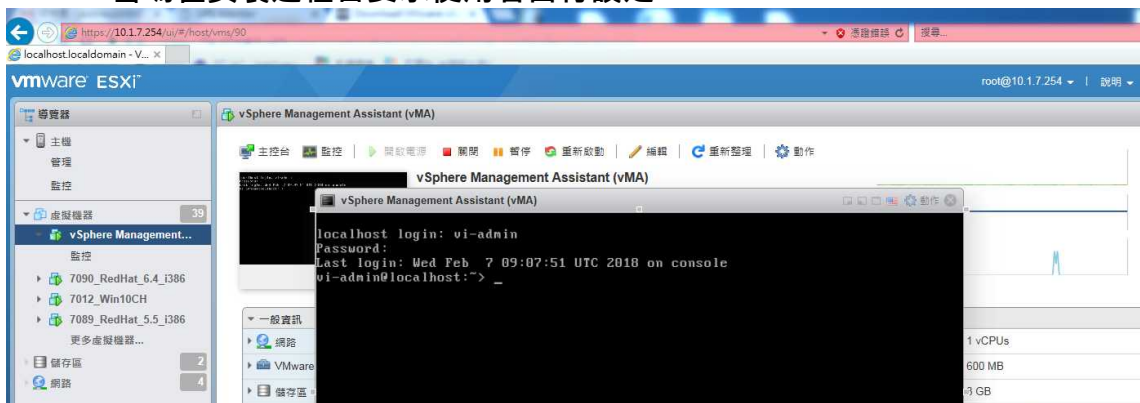
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Step2. 將下載的 VMA 6.5 解壓縮並佈署至 ESXi



Step3. 完成後將 VMA 開機，預設帳號為: vi-admin，預設密碼為: vmware 密碼在安裝過程會要求使用者自行設定



Step4. 更改 root 密碼(指令為 sudo passwd) 並使用 root 登入(指令為 su root)

```
vi-admin@localhost:/root> sudo passwd
vi-admin's password:
Changing password for root.
New UNIX password:
Retype new UNIX password:
Password changed.
vi-admin@localhost:/root> su root
Password:
localhost:~ # _
```

Step5. 依照以下描述來新增 / 查看 / 移除多個 ESXi server

- A. 新增 ESXi server → 指令為(vifp addserver ip) · 並輸入 ESXi server root 密碼
如有多台 ESXi server 輸入同樣指令繼續新增即可

```
localhost:/home # vifp addserver 10.1.1.200
root@10.1.1.200's password:
localhost:~ # vifp addserver 10.1.5.205
root@10.1.5.205's password: _
```

- B. 查看已新增的 ESXi server → 指令為(vifp listservers)

```
localhost:~ # vifp listservers
10.1.1.200      ESXi
10.1.5.205      ESXi
```

- C. 移除 ESXi server → 指令為(vifp removeserver ip)

Step6. 將 shutdown daemon 檔案放到 VMA 任何目錄下並解壓縮

解壓縮指令為(tar vxf + 檔案名稱)

```
localhost:/home/vi-admin/SD # ls
Sd_ESXi_HA_v1.00b1.tar
localhost:/home/vi-admin/SD # tar vxf Sd_ESXi_HA_v1.00b1.tar
Sd_ESXi_HA/
Sd_ESXi_HA/install.sh
Sd_ESXi_HA/oslist
Sd_ESXi_HA/uGuard.tar.gz
Sd_ESXi_HA/unins.sh
```

Step7. 輸入安裝指令(./install.sh)

```
localhost:/home/vi-admin/SD # cd Sd_ESXi_HA/
localhost:/home/vi-admin/SD/Sd_ESXi_HA # ls
install.sh  oslist  uGuard.tar.gz  unins.sh
localhost:/home/vi-admin/SD/Sd_ESXi_HA # ./install.sh _
```

Step8. 輸 IP 等其餘設定

```
localhost:/home/vi-admin/SD/Sd_ESXi_HA # ./install.sh
*****
OS TYPE:Linux
OS NAME:SuSE
*****
Input USHA IP Address:10.1.1.39
Input Client Name (Max 28 bytes & Only allow English, Number and _)(Default Root
):
Shutdown delay time is 120 seconds?(Y/n)
Estimate script file running time is 120 seconds?(Y/n)
USHA Event Polling Rate is 10 seconds?(Y/n)
Input shutdown script path:
Shutdown Enable?(Y/n)y_
```

Step9. 完成所有設定後如畫面所示

```
*****
Input USHA IP Address:10.1.1.39
Input Client Name (Max 28 bytes & Only allow English, Number and _)(Default Root
):
Shutdown delay time is 120 seconds?(Y/n)
Estimate script file running time is 120 seconds?(Y/n)
USHA Event Polling Rate is 10 seconds?(Y/n)
Input shutdown script path:
Shutdown Enable?(Y/n)y

RemoteHostIP = 10.1.1.39
ClientName = Root
ShutdownDelayTime = 120
ForceShutdownDelay = 120
PollingRate = 10
ShutdownScript =
ShutdownEnable = 1
:1 = Enable(default); 0 = Disable

Press any key to contiune.....
```

Step10. 若以上步驟正確執行，首次安裝成功後會自動進入 uGuard Main menu 若未自動進入選單，可能有某步驟未正確執行，請再檢查一次 進入選單來設定 ESXi server IP、帳號、密碼，最多可設置五台

```
+=====+
|                                     [ ESXi Config Group Menu ]                                     |
+=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Stopped
1. ESXi 1 setting
2. ESXi 2 setting
3. ESXi 3 setting
4. ESXi 4 setting
5. ESXi 5 setting
0. Return to previous menu
Please Enter Your Choice =>1_

+=====+
|                                     [ ESXi Config Group Menu ]                                     |
+=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Stopped
1. ESXi 1 setting
2. ESXi 2 setting
3. ESXi 3 setting
4. ESXi 4 setting
5. ESXi 5 setting
0. Return to previous menu
Please Enter Your Choice =>1_

+=====+
|                                     [ ESXi 1 Config ]                                     |
+=====+
1. ESXi 1 IP Address   :10.1.1.200
2. ESXi 1 Account      :root
3. ESXi 1 Password     :*
0. Return to ESXi Config Group Menu
Please Enter Your Choice =>_
```

Step11. 設定完成後便可依圖示步驟啟用 uGuard

```
+=====+
|                               [ uGuard  Main  menu ]                               |
|                               Copyright(C) 2015 FOXCONN INTERCONNECT TECHNOLOGY LTD. |
+=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Stopped
1. uGuard Configuration
2. uGuard Control
3. uGuard Status
4. uGuard Log
5. ESXi server List Configuration
0. Exit
Please Enter Your Choice =>_

+=====+
|                               [ Control Group Menu ]                               |
+=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Stopped
1. Start the program now.
2. Start the program at next boot time.
3. Stop the program.
4. Stop the program, don't restart at next boot time.
5. Suspend program
6. Resume program
0. Return to previous menu
Please Enter Your Choice =>1_

+=====+
|                               [ uGuard  Main  menu ]                               |
|                               Copyright(C) 2015 FOXCONN INTERCONNECT TECHNOLOGY LTD. |
+=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Running
1. uGuard Configuration
2. uGuard Control
3. uGuard Status
4. uGuard Log
5. ESXi server List Configuration
0. Exit
Please Enter Your Choice =>_
```

Step12. 若啟用成功可於監控網頁查看到連接設備



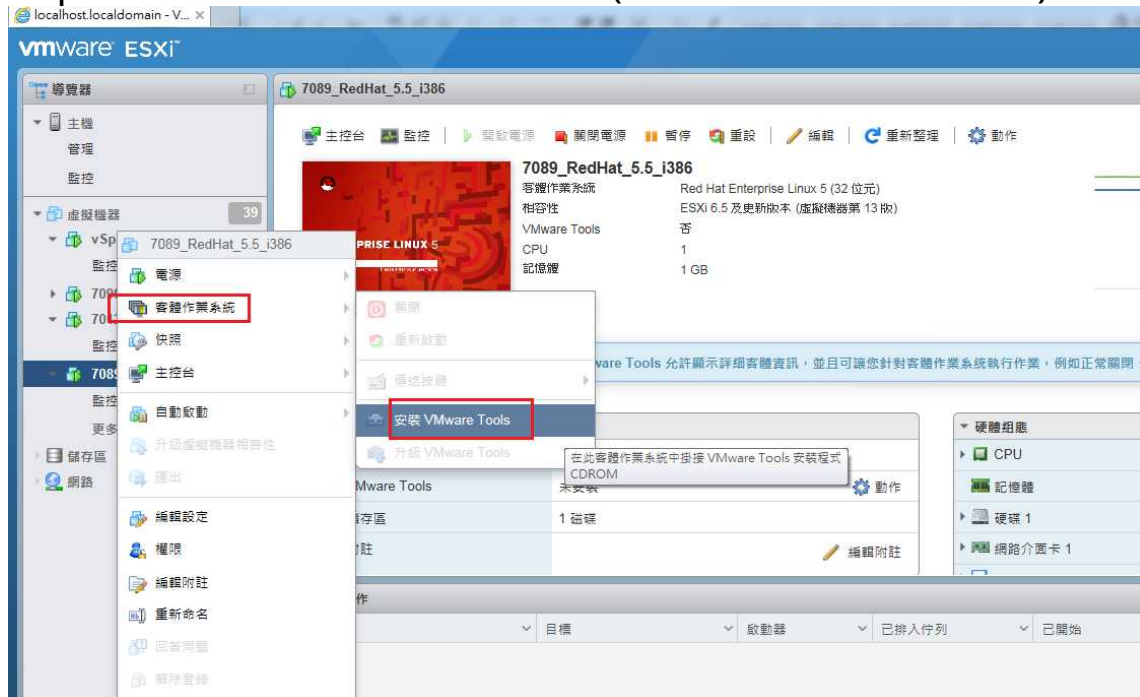
Step13. 若要修改相關設定

路徑為/etc/uGuard/script，執行指令(/.uGuard.sh)出現選單

```
localhost:/etc/uGuard/script # cd /etc/uGuard/script/
localhost:/etc/uGuard/script # ./uGuard.sh_

=====+
|                                     [ uGuard  Main  menu ]                                     |
|                                     Copyright(C) 2015 FOXCONN INTERCONNECT TECHNOLOGY LTD.                                     |
|=====+
uGuard Version      : uGuard-1.0.0.b1
uGuard Status       : Running
1. uGuard Configuration
2. uGuard Control
3. uGuard Status
4. uGuard Log
5. ESXi server List Configuration
0. Exit
Please Enter Your Choice =>_
```

Step14. 客體機器需要安裝 VMware tools(在客體機器上點滑鼠右鍵安裝)



Step15. 進行關機測試

收到關機指令後會先將 client O.S 關機後，ESXi server 才關機

The screenshot displays the VMware vSphere interface for a virtual machine named "7090_RedHat_6.4_i386". The interface includes a top navigation bar with options like "主控台", "監控", "開啟電源", "關閉電源", "暫停", "重設", "編輯", "重新整理", and "動作". Below this, there's a summary section showing the VM's name, operating system (Red Hat Enterprise Linux 6 (32 位元)), compatibility (ESXi 6.5 及更新版本 (虛擬機器第 13 版)), VMware Tools status (否), CPU (1), and memory (4 GB). To the right, there are real-time resource usage graphs for CPU (0 MHz), memory (0 B), and storage (4.4 GB). A blue banner below the summary states: "此虛擬機器上未安裝 VMware Tools。VMware Tools 允許顯示詳細客體資訊，並且可讓您針對客體作業系統執行作業，例如正常關閉、重新開機等等。您應當安裝 VMware Tools。" Below this, there are two expandable sections: "一般資訊" (General Information) and "硬體組態" (Hardware Configuration). The "一般資訊" section shows network (無網路資訊), VMware Tools (未安裝), storage (1 磁碟), and a "動作" button. The "硬體組態" section shows 1 vCPUs, 4 GB memory, 100 GB hard disk, USB 2.0 controller, and a 192Network (已連線) network card. At the bottom, the "最近的工作" (Recent Tasks) table is visible, showing two tasks: "Power Off VM" for "7090_RedHat_5.5_i386" and "7090_RedHat_6.4_i386", both completed successfully.

| 工作 | 目標 | 啟動器 | 已排入佇列 | 已開始 | 結果 | 已完成 |
|--------------|----------------------|------|---------------------|---------------------|-------|---------------------|
| Power Off VM | 7090_RedHat_5.5_i386 | root | 2018/02/07 17:13:56 | 2018/02/07 17:13:56 | 已成功完成 | 2018/02/07 17:13:56 |
| Power Off VM | 7090_RedHat_6.4_i386 | root | 2018/02/07 17:14:07 | 2018/02/07 17:14:07 | 已成功完成 | 2018/02/07 17:14:08 |

註：不支援非英文名稱的客體機器

非英文字元的虛擬機器路徑在 VMA 會顯示亂碼

關機時會因為亂碼而找不到該虛擬機器導致無法關機

如有需求，建議在該虛擬機器安裝所屬版本的關機軟體