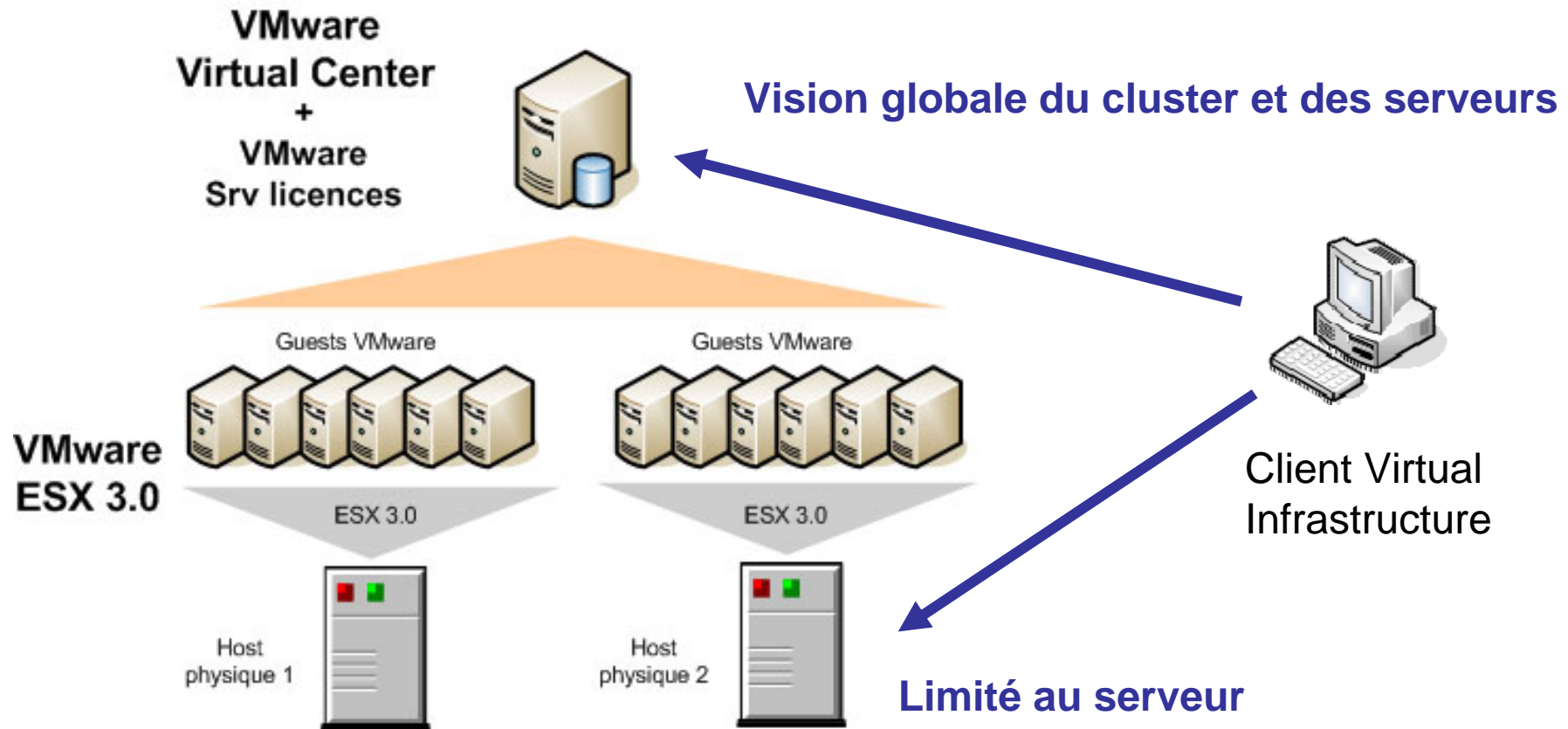




Outil de management VMware





Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (vCenter) interface. The main window shows a list of virtual machines under the 'cnrs-orleans' host. The table below summarizes the data shown in the interface:

| Name | State | Status | Host | Host CPU - MHz | Host Mem - MB | Guest Mem - % |
|----------------------------|-------------|--------|---------------|----------------|---------------|---------------|
| www2 | Powered Off | ○○○ | 199.97.128... | 0 | 0 | 0 |
| LDAP1 | Powered On | ○○● | 199.97.128... | 67 | 239 | 1 |
| mailgw2 | Powered Off | ○○○ | 199.97.128... | 0 | 0 | 0 |
| mailgw | Powered On | ○○● | 199.97.128... | 348 | 1694 | 7 |
| Win03EnterpriseEdition_10G | Powered Off | ○○○ | 199.97.128... | 0 | 0 | 0 |
| log | Powered On | ○○● | 199.97.128... | 118 | 1052 | 0 |
| virtual center | Powered On | ○○● | 199.97.128... | 23 | 981 | 1 |

Below the table, the 'Recent Tasks' section is visible, showing a table with columns: Name, Target, Status, Initiated by, Time, Start Time, Complete Time. The interface also includes a menu bar (File, Edit, View, Inventory, Administration, Help) and a toolbar with icons for Inventory, Scheduled Tasks, Events, Admin, and Maps. The user is logged in as 'Administrateur'.



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (vCenter) interface. The main window shows the details for a VMware ESX Server, 3.0.1, 32039. The interface is divided into several sections:

- Hosts & Clusters:** A tree view on the left showing the hierarchy of hosts and clusters, including 'cnrs-orleans' and various services like 'LDAP1', 'mailgw', 'virtual center', 'www2', 'Services', 'log', and 'mailgw2'.
- Summary:** A central pane showing general information about the server, including manufacturer (Dell Inc.), model (PowerEdge 1950), processors (8 CPU x 1,862 GHz), processor type (Intel(R) Xeon(R) CPU E5320 @...), state (connected), virtual machines (4), VMotion Enabled (no), and active tasks.
- Resources:** A section on the right showing CPU usage (693 MHz) and memory usage (3,38 GB). It also includes a table for datastores and a network section.
- Commands:** A list of actions available for the server, such as 'New Virtual Machine', 'New Resource Pool', 'Enter Maintenance Mode', 'Reboot', and 'Shutdown'.
- Recent Tasks:** A table at the bottom showing a list of recent tasks with columns for Name, Target, Status, Initiated by, Time, Start Time, and Complete Time.

The interface also features a menu bar (File, Edit, View, Inventory, Administration, Help) and a toolbar with icons for Inventory, Scheduled Tasks, Events, Admin, and Maps. The bottom status bar shows 'Tasks', 'Alarms', and the user 'Administrateur'.



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIX) interface. The main window shows the 'cnrs-orleans' host selected in the 'Hosts & Clusters' tree. The 'Tasks & Events' tab is active, showing a list of tasks. The 'View' is set to 'Tasks'. The table below shows the details of the tasks.

| Name | Target | Status | Initiated by | Time | Start Time |
|-----------------------------|--------|-----------------|----------------|---------------------|---------------------|
| Power On Virtual Machi... | log | Completed | Administrateur | 21/09/2007 14:47:39 | 21/09/2007 14:47:39 |
| Power Off Virtual Machi... | log | Completed | Administrateur | 21/09/2007 14:46:22 | 21/09/2007 14:46:22 |
| Power On Virtual Machi... | log | Completed | Administrateur | 21/09/2007 14:46:10 | 21/09/2007 14:46:10 |
| Unregister Virtual Machi... | MailX | Completed | Administrateur | 21/09/2007 14:45:58 | 21/09/2007 14:45:58 |
| Power Off Virtual Machi... | log | Completed | Administrateur | 19/09/2007 16:47:39 | 19/09/2007 16:47:39 |
| Power On Virtual Machi... | log | Completed | Administrateur | 19/09/2007 16:46:44 | 19/09/2007 16:46:44 |
| Power Off Virtual Machi... | MailX | Unable to co... | Administrateur | 19/09/2007 16:38:06 | 19/09/2007 16:38:06 |
| Reboot Host | log | Completed | Administrateur | 19/09/2007 16:37:43 | 19/09/2007 16:37:43 |
| Power On Virtual Machi... | MailX | Completed | Administrateur | 19/09/2007 16:36:05 | 19/09/2007 16:36:05 |
| Power Off Virtual Machi... | log | Completed | Administrateur | 19/09/2007 16:35:58 | 19/09/2007 16:35:58 |
| Power On Virtual Machi... | log | Completed | Administrateur | 19/09/2007 16:34:38 | 19/09/2007 16:34:38 |

Below the main task list is a 'Recent Tasks' section with a table that is currently empty.



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIX) interface. The main window shows a list of virtual machines (VMs) on a VMware ESX Server, 3.0.1, 32039. The VMs listed are: www2 (Powered Off), virtual center (Powered On), LDAP1, and mailgw. A context menu is open over the 'virtual center' VM, showing options such as Power On, Power Off, Suspend, Reset, Snapshot, Migrate..., Add Alarm..., Add Permission..., Open Console, Report Performance..., End VMware Tools Install, Edit Settings..., Rename, Remove from Inventory, and Delete from Disk.

| Name | State | Status | Host CPU - MHz | Host Mem - MB | Guest Mem - % | Notes |
|----------------|-------------|--------|----------------|---------------|---------------|------------|
| www2 | Powered Off | ○○○ | 0 | 0 | 0 | |
| virtual center | Powered On | ○●● | 33 | 968 | 2 | |
| LDAP1 | | ○●● | 62 | 238 | 1 | |
| mailgw | | ○●● | 335 | 1697 | 10 | machine... |



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIX) interface. The main window shows the 'Resource Allocation' tab for a VMware ESX Server (3.0.1, 32039). The interface includes a menu bar (File, Edit, View, Inventory, Administration, Help), a toolbar with icons for Inventory, Scheduled Tasks, Events, Admin, and Maps, and a navigation pane on the left showing a tree view of 'Hosts & Clusters' with sub-items like 'cnrs-orleans', 'LDAP1', 'mailgw', 'virtual center', 'www2', and 'Services'.

The main content area displays the following resource allocation summary:

- CPU Reservation: **14337 MHz**
- Memory Reservation: **7139 MB**
- CPU Reservation Used: **0 MHz**
- Memory Reservation Used: **287,39 MB**
- CPU Unreserved: **14337 MHz**
- Memory Unreserved: **6851,61 MB**

The 'View' section is set to 'CPU' and displays a table of resource allocation for various virtual machines:

| Name | Reservation - MHz | Limit - MHz | Shares | Shares Value | % Shares | Type |
|----------------|-------------------|-------------|--------|--------------|----------|------|
| www2 | 0 | Unlimited | Normal | 1000 | 14 | N/A |
| virtual center | 0 | Unlimited | Normal | 1000 | 14 | N/A |
| LDAP1 | 0 | Unlimited | Normal | 1000 | 14 | N/A |
| mailgw | 0 | Unlimited | Normal | 4000 | 57 | N/A |

At the bottom of the interface, there is a 'Recent Tasks' section with a table that is currently empty, and a status bar showing 'Tasks', 'Alarms', and the user 'Administrateur'.



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIX) interface. The main window shows a tree view of hosts and clusters, with 'virtual center' selected. The 'Edit Settings' dialog is open, showing the configuration for the selected object. The dialog is divided into 'CPU Resources' and 'Memory Resources' sections. The 'CPU Resources' section shows 'Shares' set to 'Normal' (1000), 'Reservation' at 0 MHz, and 'Limit' at 14337 MHz. The 'Memory Resources' section shows 'Shares' set to 'Normal' (20240), 'Reservation' at 0 MB, and 'Limit' at 7139 MB. Both sections have 'Unlimited' checked. A warning icon indicates 'Remaining resources available'. The background shows a summary page for the 'virtual center' with resource usage statistics and a table of resource usage.

| Shares Value | % Shares | Type |
|--------------|----------|------|
| 1000 | 14 | N/A |
| 1000 | 14 | N/A |
| 1000 | 14 | N/A |
| 4000 | 57 | N/A |



Outil de management VMware

The screenshot shows the VMware Virtual Infrastructure Client interface. The main window displays a performance chart for CPU/Real-time usage on a VMware ESX Server, 3.0.1, 32039. The chart shows CPU usage over time, with a peak around 13:50. The Y-axis represents Percent (0 to 100) and MHz (0 to 3000). The X-axis represents Time (13:15 to 14:05). Below the chart is a Performance Chart Legend table.

| Key | Object | Measurement | Units | Latest | Maximum | Minimum |
|-----|--------|--------------------------|---------|--------|---------|---------|
| 4 | | CPU Usage (Average/Rate) | Percent | 10,14 | 22,44 | 0,0 |
| 5 | | CPU Usage (Average/Rate) | Percent | 6,17 | 17,77 | 0,0 |
| 7 | | CPU Usage (Average/Rate) | Percent | 5,45 | 20,15 | 0,0 |
| 0 | | CPU Usage (Average/Rate) | Percent | 1,92 | 16,88 | 1,0 |
| 1 | | CPU Usage (Average/Rate) | Percent | 2,08 | 23,15 | 0,0 |
| 2 | | CPU Usage (Average/Rate) | Percent | 0,02 | 17,45 | 0,0 |

Recent Tasks table:

| Name | Target | Status | Initiated by | Time | Start Time | Complete Time |
|------|--------|--------|--------------|------|------------|---------------|
|------|--------|--------|--------------|------|------------|---------------|



Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (vSphere Client) interface. The main window shows the configuration for a virtual machine named 'mailgw'. The interface is divided into several sections:

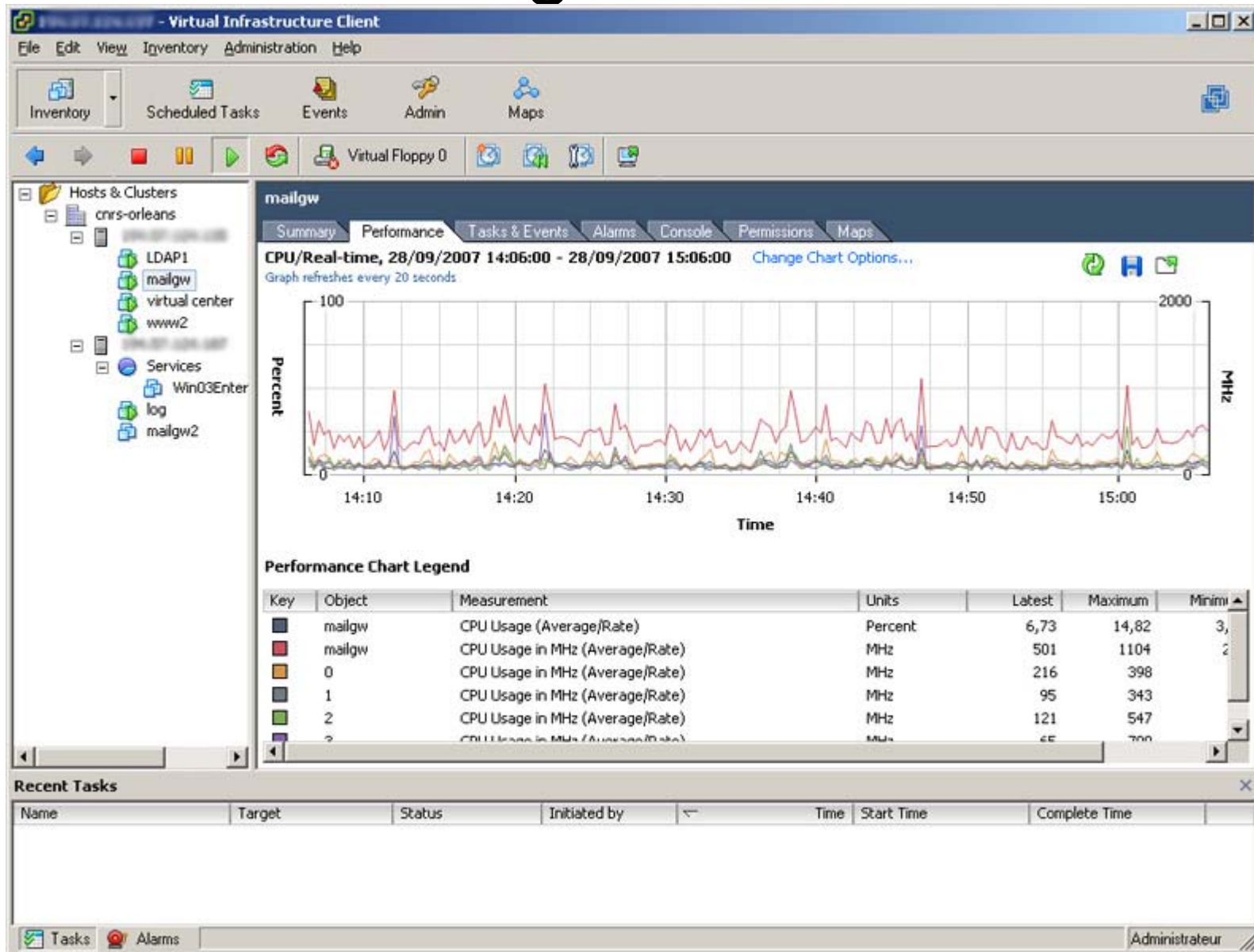
- Hosts & Clusters:** A tree view on the left showing the hierarchy: Hosts & Clusters > cnrs-orleans > mailgw.
- Summary:** The main configuration area, currently showing the 'General' tab. It includes:
 - General:** Guest OS: Other 2.6x Linux; CPU: 4 vCPU; Memory: 2000 MB; VMware Tools: OK; IP Address: [redacted]; DNS Name: [redacted]; State: Powered On; Host: [redacted]; Active Tasks: [redacted].
 - Resources:** CPU usage: 287 MHz; Host memory usage: 1,65 GB; Guest memory usage: 240,00 MB.
 - Datstore:** A table showing storage usage for 'storage1':

| Datstore | Capacity | Free |
|----------|----------|----------|
| storage1 | 58,50 GB | 17,58 GB |
 - Network:** A table showing network configuration for 'campus 163.9.1.X':

| Network |
|------------------|
| campus 163.9.1.X |
- Commands:** A list of actions available for the VM: Power off, Suspend, Reset, Edit Settings, Open Console, and Migrate to New Host.
- Recent Tasks:** A table at the bottom showing a list of recent tasks with columns for Name, Target, Status, Initiated by, Time, Start Time, and Complete Time.



Outil de management VMware





Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIXI) interface. The main window shows a tree view on the left with 'Hosts & Clusters' expanded to 'cnrs-orleans', and a list of virtual machines including 'mailgw'. A context menu is open over the 'mailgw' VM, listing various actions such as 'Power On', 'Power Off', 'Suspend', 'Reset', 'Shut Down Guest', 'Standby Guest', 'Restart Guest', 'Snapshot', 'Migrate...', 'Add Alarm...', 'Add Permission...', 'Open Console', 'Report Performance...', 'Install VMware Tools', 'Edit Settings...', 'Rename', 'Remove from Inventory', and 'Delete from Disk'. The main pane shows the 'mailgw' VM details, including 'General' and 'Resources' tabs. The 'Resources' tab displays CPU usage (473 MHz), Host memory usage (1,64 GB), and Guest memory usage (220,00 MB). A table below shows storage usage for 'storage1' (58,50 GB total, 17,58 GB free). The bottom status bar shows 'Tasks' and 'Alarms' tabs, and the user 'Administrateur' is logged in.

| Datstore | Capacity | Free |
|----------|----------|----------|
| storage1 | 58,50 GB | 17,58 GB |

| Network | |
|---------|--|
| campus | |

| Name | Initiated by | Time | Start Time | Complete Time |
|------|--------------|------|------------|---------------|
|------|--------------|------|------------|---------------|



Outil de management VMware

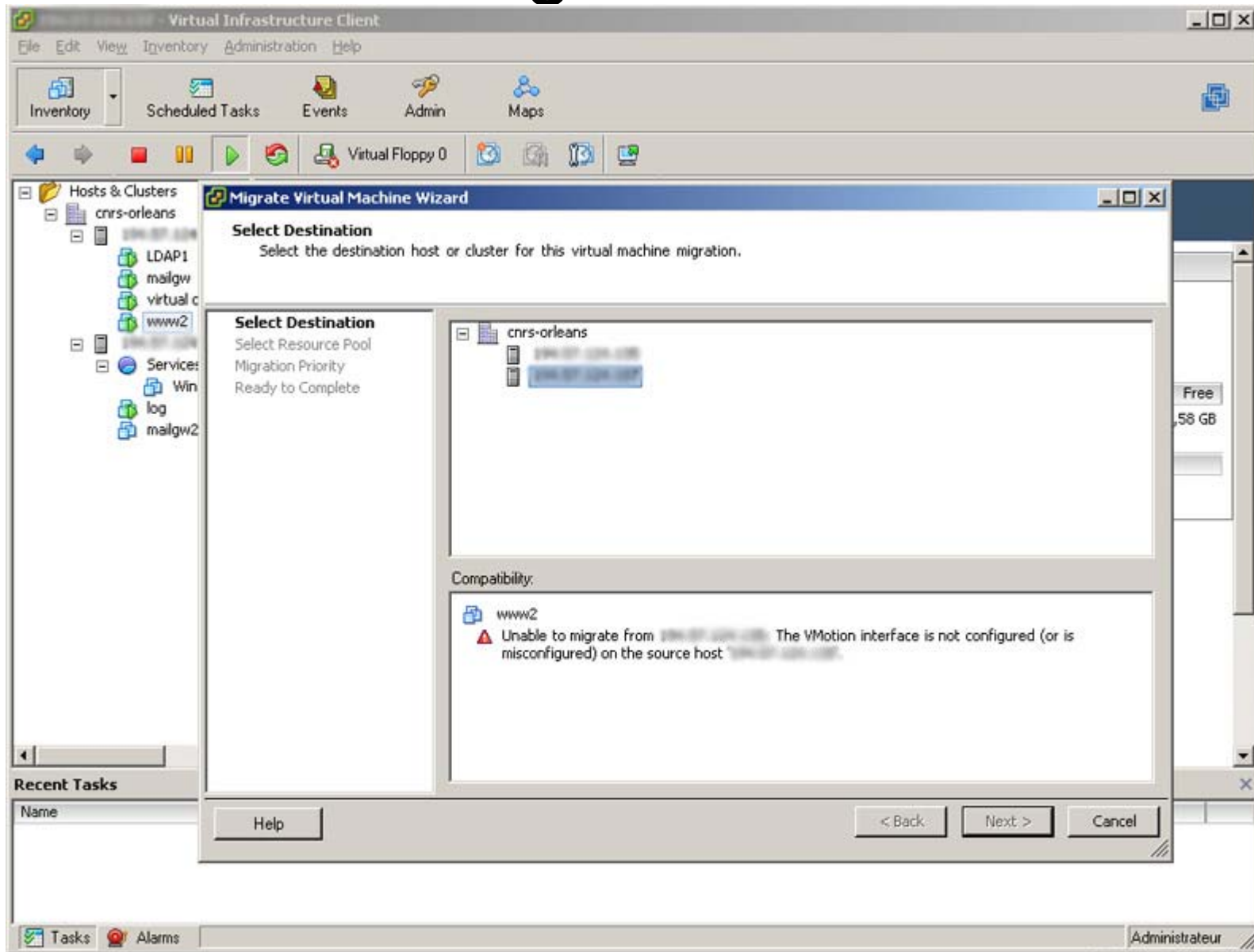
The screenshot displays the VMware Virtual Infrastructure Client (VIX) interface. The main window is titled "Virtual Infrastructure Client" and shows a tree view of hosts and clusters on the left. The "Alarm Settings" dialog box is open, showing the "General" tab. The dialog box contains a table with the following data:

| Trigger Type | Condition | % Warning | % Alert |
|-------------------------------|-----------|-----------|---------|
| Virtual Machine CPU Usage | Is Above | 75 | 90 |
| Virtual Machine Memory Usage | | | |
| Virtual Machine Network Usage | | | |
| Virtual Machine Disk Usage | | | |
| Virtual Machine State | | | |

The dialog box also includes "Add" and "Remove" buttons at the bottom. The "Recent Tasks" section at the bottom of the VIX window is empty. The user name "Administrateur" is visible in the bottom right corner.



Outil de management VMware





Outil de management VMware

The screenshot displays the VMware Virtual Infrastructure Client (VIC) interface. The main window title is "Virtual Infrastructure Client". The menu bar includes "File", "Edit", "View", "Inventory", "Administration", and "Help". The toolbar contains icons for "Inventory", "Scheduled Tasks", "Events", "Admin", and "Maps".

The left-hand navigation pane shows a tree structure under "Hosts & Clusters":

- cnrs-orleans
 - LDAP1
 - mailgw
 - virtual center
 - www2
- Services
 - Win03EnterpriseEdition_100
 - log
 - mailgw2

The central pane shows the configuration for "VMware ESX Server, 3.0.1, 32039". The "Configuration" tab is active, showing "Hardware" and "Networking" sections.

Hardware

- Processors
- Memory
- Storage (SCSI, SAN, and NFS)
- Networking
 - Storage Adapters
 - Network Adapters

Software

- Licensed Features
- DNS and Routing
- Virtual Machine Startup/Shutdown
- Security Profile
- System Resource Allocation
- Advanced Settings

Networking

Virtual Switch: vSwitch0

- Virtual Machine Port Group: VM Network (1 virtual machines | VLAN ID *)
- Physical Adapters: vmnic0 (100 Full)

Virtual Switch: vSwitch1

- Virtual Machine Port Group: campus (3 virtual machines | VLAN ID *)
- Physical Adapters: vmnic2 (100 Full)

The bottom pane shows "Recent Tasks" with columns: Name, Target, Status, Initiated by, Time, Start Time, Complete Time.

The bottom status bar includes "Tasks", "Alarms", and the user name "Administrateur".