

Microsoft®

# System Center

# Virtual Machine Manager 2012

## Proyecto Instalación

Agente VMM 2012



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# System Center Virtual Machine Manager 2012 RTM

- Se realiza la instalación del agente de Virtual Machine Manager 2012 RTM en un servidor con Windows 2008 R2 (Core)
- **Requerimientos:**
  - 1 Windows 2008 R2 Core (Miembro de dominio)
  - Virtual Machine Manager 2012 RTM
- **Material Complementario:**
  - Requerimientos de Sistema <http://bit.ly/vmm2012Req>
  - Arquitectura y Puertos <http://bit.ly/Hsch5U>



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## Ingresamos al equipo con VMM 2012





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Abrimos la consola de VMM 2012  
(Virtual Machine Manager Console) -> Connect



Connect to Server

Microsoft System Center 2012

Virtual Machine Manager

Server name:   
Example: vmmserver.contoso.com:8100

Use current Microsoft Windows session identity  
 Specify credentials

User name:   
Example: contoso\domainuser

Password:

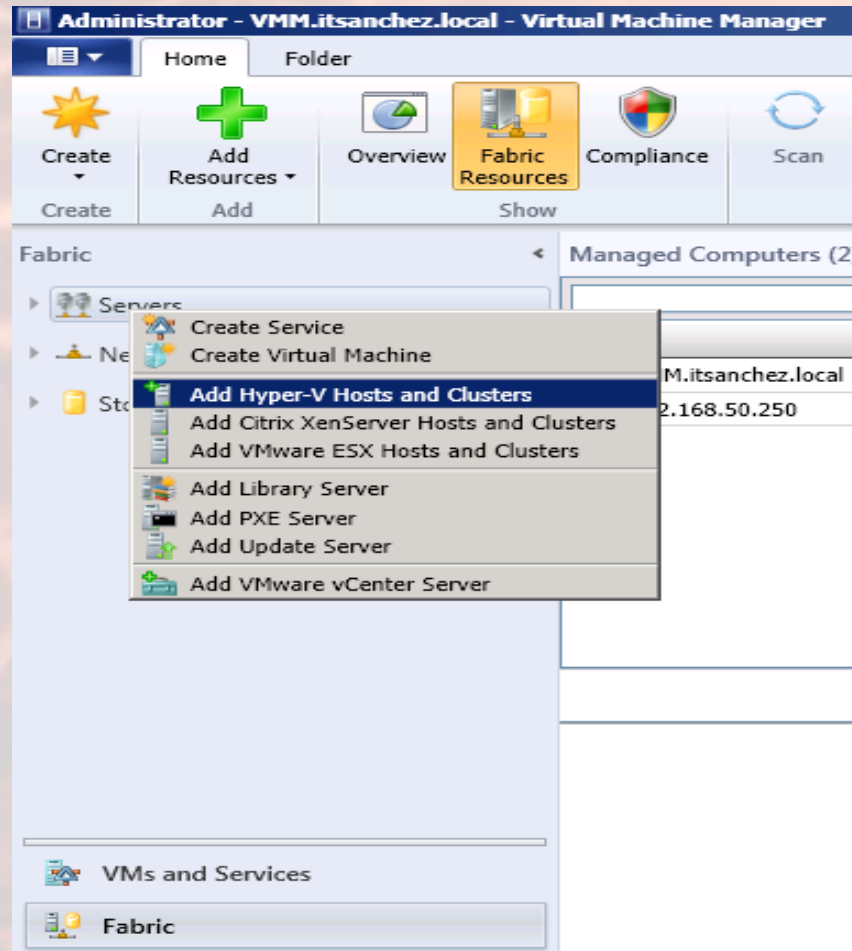
Automatically connect with these settings



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Seleccionamos -> Fabric -> Server -> Add Hyper-V Host and Clusters





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Seleccionamos -> Windows Server Compute is a Trusted AD Domain -> Next

**Add Resource Wizard**

## Resource location

- Resource location
- Credentials
- Discovery scope
- Target resources
- Host settings
- Summary

### Indicate the Windows computer location

- Windows Server computers in a trusted Active Directory domain
- Windows Server computer in an untrusted Active Directory domain
- Windows Server computers in a perimeter network  
If you select this option, before you continue, use VMM Setup to install the VMM agent locally on the targeted computers. Ensure that you configure the perimeter network settings during the agent setup.
- Physical computers to be provisioned as virtual machine hosts  
Select this option to add bare-metal computers with baseboard management controllers.

Previous **Next** Cancel



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Validamos nuestra cuenta → **Next**

**Add Resource Wizard**

## Credentials

Resource location

Credentials

Discovery scope

Target resources

Host settings

Summary

### Specify the credentials to use for discovery

The Run As account or credentials will be used to discover computers and to install the Hyper-V role and the Virtual Machine Manager agent if necessary.

Use an existing Run As account

Run As account:

Manually enter the credentials

User name:

Example: contoso\domainuser

Password:

**i** The above provided credentials or Run As account should be a local administrator on the host machines. They will only be used while adding the host. Once the host has been successfully added, the VMM service account will be added as local administrator on the host and used to provide any future access to it.



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Ingresamos el nombre del equipo -> **Next**

**Add Resource Wizard** [X]

## Discovery scope

Resource location

Credentials

**Discovery scope**

Target resources

Host settings

Summary

### Specify the search scope for virtual machine host candidates

Search for computers by whole or partial names, FQDNs, and IP addresses. Alternatively, you may generate an Active Directory query to discover the desired computers.

Specify Windows Server computers by names

Specify an Active Directory query to search for Windows Server computers

---

Enter the computer names of the hosts or host candidates that you want VMM to manage. Each computer name must be on a separate line.

Computer names:

CoreHV1

Skip AD verification

Examples: server1  
server1.contoso.com  
10.0.1.1  
2a01:110:1e:3:f8ffcf44:23

Previous Next Cancel





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Validamos el equipo -> **Next**

**Add Resource Wizard**

## Target resources

Resource location

Credentials

Discovery scope

**Target resources**

Host settings

Summary

Select the computers that you want to add as hosts

Discovered computers:

Computer Name	Operating System	Hypervisor
<input checked="" type="checkbox"/> corehw01.itsanchez.local	Windows Server 2008 R2 Enterprise	Hyper-V

Select all Refresh Stop

Previous **Next** Cancel



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Seleccionamos la carpeta para guardar las virtuales → **Add**

**Add Resource Wizard**

## Host settings

Resource location

Credentials

Discovery scope

Target resources

**Host settings**

Summary

### Specify a host group and virtual machine placement path settings for hosts

Assign the selected computers to the following host group:

Host group:

If any of the selected hosts are currently managed by another Virtual Machine Manager (VMM) environment, select this option to reassociate the hosts with this VMM management server.

Reassociate this host with this VMM environment

VMM uses virtual machine placement paths as default locations to store virtual machines placed on a host. To add a new virtual machine placement path, specify a path and click Add.

Add the following path:

Selected virtual machine placement paths:



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Seleccionamos → **Next**

**Add Resource Wizard**

## Host settings

Resource location

Credentials

Discovery scope

Target resources

**Host settings**

Summary

**Specify a host group and virtual machine placement path settings for hosts**

Assign the selected computers to the following host group:

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If any of the selected hosts are currently managed by another Virtual Machine Manager (VMM) environment, select this option to reassociate the hosts with this VMM management server.

Reassociate this host with this VMM environment

VMM uses virtual machine placement paths as default locations to store virtual machines placed on a host. To add a new virtual machine placement path, specify a path and click Add.

Add the following path:

Selected virtual machine placement paths:

c:\Virtuales	<input type="button" value="Remove"/>
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Seleccionamos → **Finish**

**Add Resource Wizard**

## Summary

- Resource location
- Credentials
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- Summary**

### Confirm the settings

[View Script](#)

Resource type:	Hyper-V capable Windows Servers
Resource location:	Trusted Windows computer
Discovery credentials:	ITSanchez\administrator
Discovery scope:	Active Directory based discovery 1 computers are selected to manage
Host settings:	Host group: All Hosts VM placement paths: c:\Virtuales


[Previous](#) **[Finish](#)** [Cancel](#)



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## En Jobs (Trabajos) podemos validar como avanza la instalación

Status:  50 %






Command: Add-SCVMHost

Result name: [corehv01.itsanchez.local](#)






Started: 30/04/2012 03:19:16 a.m.

Duration: 00:00:08

Owner: ITSANCHEZ\Administrator

Step	Name	Status	Start Time	End Time
 1	Add virtual machine host		30/04/2012 03:19:16 a.m.	
	1.1 Create undeployed host	Completed	30/04/2012 03:19:17 a.m.	30/04/2012 03:19:18 a.m.
	1.2 Install Virtual Machine Manager agent		30/04/2012 03:19:18 a.m.	
	1.3 Refresh host	Not started		

## Al finalizar la tarea ya tenemos listo nuestro host para trabajar

	Add virtual machine host	Completed w/ Info	30/04/2012 03:19:16 a.m.	corehv01.itsanchez.local	ITSANCHEZ\Administrator
	Refresh host	Completed	30/04/2012 03:15:03 a.m.	192.168.50.250	ITSANCHEZ\systemcenter
	Refresh virtual machine	Completed	30/04/2012 03:14:25 a.m.	HyperV-Core	ITSANCHEZ\systemcenter
	Refresh virtual machine properties	Completed	30/04/2012 02:55:08 a.m.	192.168.50.250	ITSANCHEZ\systemcenter
	Refresh virtual machine properties	Completed	30/04/2012 02:49:46 a.m.	192.168.50.250	ITSANCHEZ\systemcenter



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Vemos que ya es posible administrar equipos en VMM 2012

Server Tools Administrator - VMM.itsanchez.local - Virtual Machine Manager

Home Folder Host

Create Service Create Virtual Machine Create Cloud Create Host Group Assign Cloud Overview VMs Services PowerShell Jobs PRO

VMs and Services

- Clouds
- All Hosts
  - 192.168.50.250
  - corehv01

VMs (1)

Name	Status	Virtual Machine...	Host	Cloud
Curso VMM 2012	Stopped	Stopped	corehv01	