

**SCVMMM 2012**

# PRE-REQUISITES FOR INSTALLATION OF SCVMM 2012

SQL SERVER (LOCAL OR REMOTE)

SQL NATIVE CLIENT

SQL CLI TOOLS

WAIKL 3.0

.NET 35

IIS 7.0



Build

System Center > Virtual Machine Manager > 2012 > RC > Build

Organize Open New folder

Name	Date modified	Type	Size
amd64	30/08/2011 07:10	File folder	
Help	30/08/2011 07:10	File folder	
i386	30/08/2011 07:10	File folder	
Prerequisites	05/09/2011 17:51	File folder	
SAV	30/08/2011 07:10	File folder	
autorun	13/08/2011 09:08	Setup Information	
Microsoft.VC90.CRT.manifest	13/08/2011 09:18	MANIFEST File	
msvcr90.dll	13/08/2011 09:18	Application extension	6...
setup	30/08/2011 02:15	Application	350 KB

setup Application Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42 Size: 350 KB



Microsoft  
**System Center 2012**  
 Release Candidate

---

**Virtual Machine Manager**

**Install**

- Restart may be required
- Before you begin
- Get the latest updates to Virtual Machine Manager from Microsoft Update

[\(VMM Privacy Statement\)](#)

**Optional Installations**

- Local Agent**  
Installs agent on local machine.

[Release Notes](#)  
[Installation Guide](#)  
[Browse the CD](#)  
[System Center Online](#)  
[VMM Configuration Analyzer](#)

© 2012 Microsoft Corporation. All rights reserved. Close

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

	setup	Date modified: 30/06/2011 02:15	Date created: 04/09/2011 17:42
	Application	Size: 350 KB	





# Microsoft System Center 2012 Release Candidate

## Virtual Machine Manager

**Virtual Machine Manager Setup**

Please wait while Setup copies temporary files...

Errors.resources.dll

G: [Progress bar]

Cancel

### Optional Installations

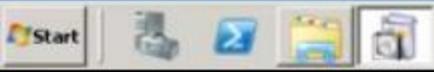
- [Local Agent](#)  
Installs agent on local machine.

© 2012 Microsoft Corporation. All rights reserved.

Close

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

	setup	Date modified: 30/06/2011 02:15	Date created: 04/09/2011 17:42
	Application	Size: 350 KB	





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Getting started [Report a problem](#)

**Select features to install**

VMM management server

VMM console

VMM Self-Service Portal

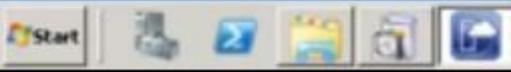
Expand all

Previous Next > Cancel

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350


 setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
 Application Size: 350 KB



EN



Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Getting started [Report a problem](#)

**Product registration information**

Name:

Organization:

Product key:

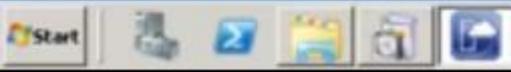
**i** If you don't provide a product key during setup, VMM will be installed as an evaluation edition. You can provide a product key after setup is complete by using the VMM console.

Previous **Next >** Cancel

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350


 setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
 Application Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Getting started [Report a problem](#)

### Please read this license agreement

**MICROSOFT PRE-RELEASE SOFTWARE LICENSE TERMS**

**MICROSOFT SYSTEM CENTER VIRTUAL MACHINE MANAGER 2012**

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the pre-release software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services

for this software, unless other terms accompany those items. If so, those terms apply.

I have read, understood, and agree with the terms of the license agreement

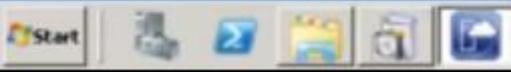
[Print](#)

[VMW Privacy Statement](#)

[Previous](#)
[Next >](#)
[Cancel](#)

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	35


 setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
 Application Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Getting started [Report a problem](#)

---

**Join the Customer Experience Improvement Program (CEIP) to help improve the quality, reliability and performance of Microsoft products and services**

If you choose to participate:

Microsoft will \_\_\_\_\_  
 Collect information about your software and hardware configurations.  
 Collect information about how you use our software and services to identify trends and usage patterns.

Microsoft will not \_\_\_\_\_  
 Collect your name or address.  
 Ask you to take surveys; nor will you be contacted by a sales representative.  
 Prompt you with additional messages that might interrupt your work.

Yes, I am willing to participate in the Customer Experience Improvement Program  
 No, I am not willing to participate

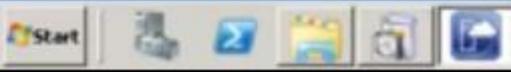
You can stop participating at any time by changing a setting in Customer Experience Improvement Program Settings, found in Settings workspace of the VMM console.

[More about the Customer Experience Improvement Program](#)  
[Privacy Statement for the Microsoft Customer Experience Improvement Program](#)  
[VMM Privacy Statement](#)

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	35

 setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
 Application Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Getting started [Report a problem](#)

---

### Installation location

The recommended location for program files is displayed.

Location:

Free space 27.60 GB

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

After defining or accepting the default path click next

setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
Application Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Prerequisites [Report a problem](#)

Please review these prerequisite warnings

Setup can continue but this computer does not meet recommended system requirements, which can affect system performance.

Problem	Prerequisite	Affected Feature
Memory Check	Insufficient computer memory was found. The recommended memory configuration for the VMM management server is 4000 megabytes (MB). This computer has only 2047 MB of memory. To remedy this condition, install more memory in this computer.	Management Server

[Review full system requirements](#) [Check prerequisites again](#)

Previous Next > Cancel

Set up will check for prerequisites if all prerequisites are met click next to continue

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
Application Size: 350 KB



Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Configuration [Report a problem](#)

---

### Database configuration

Provide information about the database that you would like to use for your VMM management server.

Server name:  Browse

Port:

Use the following credentials

User name and domain:

Format: Domain\UserName

Password:

Instance name:

Select an existing database or create a new database.

New database:

Existing database:

Previous Next > Cancel

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	35

setup Application Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
 Size: 350 KB



Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Configuration [Report a problem](#)

### Configure service account and distributed key management

**Virtual Machine Manager Service Account**  
Select the account to be used by the VMM service. Highly available VMM installations require the use of a domain account.  
Which type of account should I use?

Local System account  
 Domain account

User name and domain:  Password:

**Distributed Key Management**  
Select whether to store encryption keys in Active Directory instead of on the local machine. Highly available VMM installations require the keys be stored in Active Directory.

Store my keys in Active Directory  
Provide the location in Active Directory. For example, CN=DKM,DC=contoso,DC=com.

[How do I configure distributed key management?](#)

Search Build

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

This page is used for selecting the service acct, and Distribution key management a new feature. Distribution key management is used in high available installs and uses an organizational unit within an active directory to store a special unit key

setup Date modified: 30/06/2011 02:15 Date created: 04/09/2011 17:42  
Application Size: 350 KB



Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Configuration [Report a problem](#)

### Self-Service portal configuration

Specify the VMM server that the Self-Service portal will connect to, and the port it will use to communicate with the VMM management server.

**VMM Server**

VMM server name:

Port for communication with the VMM management server:

**Web Server**

Port for connections to the Self-Service portal:

If Windows Firewall is turned on, the wizard will attempt to add a firewall exception to this port.

If the IP address for the Self-service portal is shared with other web sites, specify the host header for the portal.

Provide host header for portal access

Previous **Next >** Cancel

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350

setup Application Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42 Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Configuration [Report a problem](#)

### Library configuration

Specify a share for the Virtual Machine Manager library

Create a new library share

Share name:

Share location:  [Select...](#)

Share description:

Use an existing library share

Share name:

Share location:

Share description:

[Previous](#) [Next >](#) [Cancel](#)

Use a new library name or use the default

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	30

setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
Application Size: 350 KB



Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Processing [Report a problem](#)

**Installing features**

Microsoft Storage Management Service

- VMM management server
- VMM console
- VMM Self-Service Portal

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350


 setup Application Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42 Size: 350 KB





Microsoft System Center 2012 Virtual Machine Manager Setup Wizard

Complete [Report a problem](#)

### Setup completed successfully

For detailed information, review the Setup log files that are located in the %SYSTEMDRIVE%\ProgramData\VMM\Logs folder. Note that the ProgramData folder is a hidden folder.

- ✓ VMM management server
- ✓ VMM console
- ✓ VMM Self-Service Portal

Open the VMM console when this wizard closes

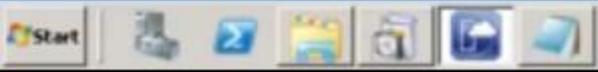
[Release Notes](#)  
[Installation Guide](#)  
[Read Documentation](#)  
[System Center Online](#)

[Close](#)

Search Built

Type	Size
File folder	
Setup Information	
MANIFEST File	
Application extension	64
Application	350


 setup Application Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42 Size: 350 KB



# ADDING A A VIRTUAL MACHINE TO SCVMMM

RC - Installation, Adding First Host

Microsoft System Center 2012 Release Candidate

### 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

Date modified	Type	Size
30/08/2011 07:10	File folder	
30/08/2011 07:10	File folder	
30/08/2011 07:10	File folder	
05/09/2011 17:51	File folder	
30/08/2011 07:10	File folder	
13/08/2011 09:08	Setup Information	1 KB
13/08/2011 09:10	MANIFEST File	2 KB
13/08/2011 09:10	Application extension	641 KB
30/08/2011 02:15	Application	350 KB

setup Date modified: 30/08/2011 02:15 Date created: 04/09/2011 17:42  
Application Size: 350 KB

Home Folder

Create Add Overview Fabric Resources Compliance Scan Remediate Compliance Properties Update Agent Reassociate Connect via RDP PowerShell Jobs PRO Window

Fabric Managed Computers (1)

Name	Agent Status	Role
SCVMM2012.dginserv.net	Responding	Library, VMM Server

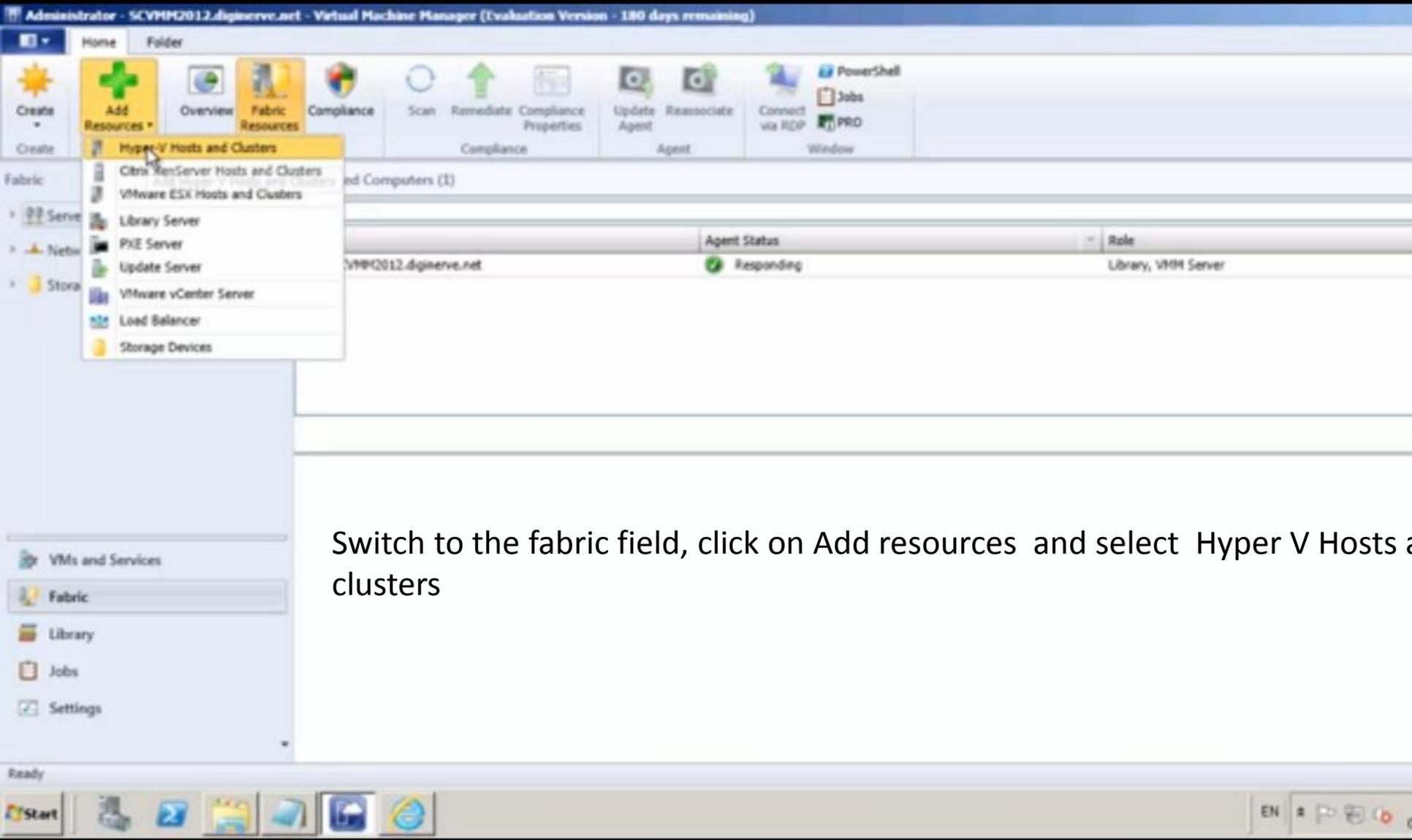
Servers  
Networking  
Storage

VMs and Services  
Fabric  
Library  
Jobs  
Settings

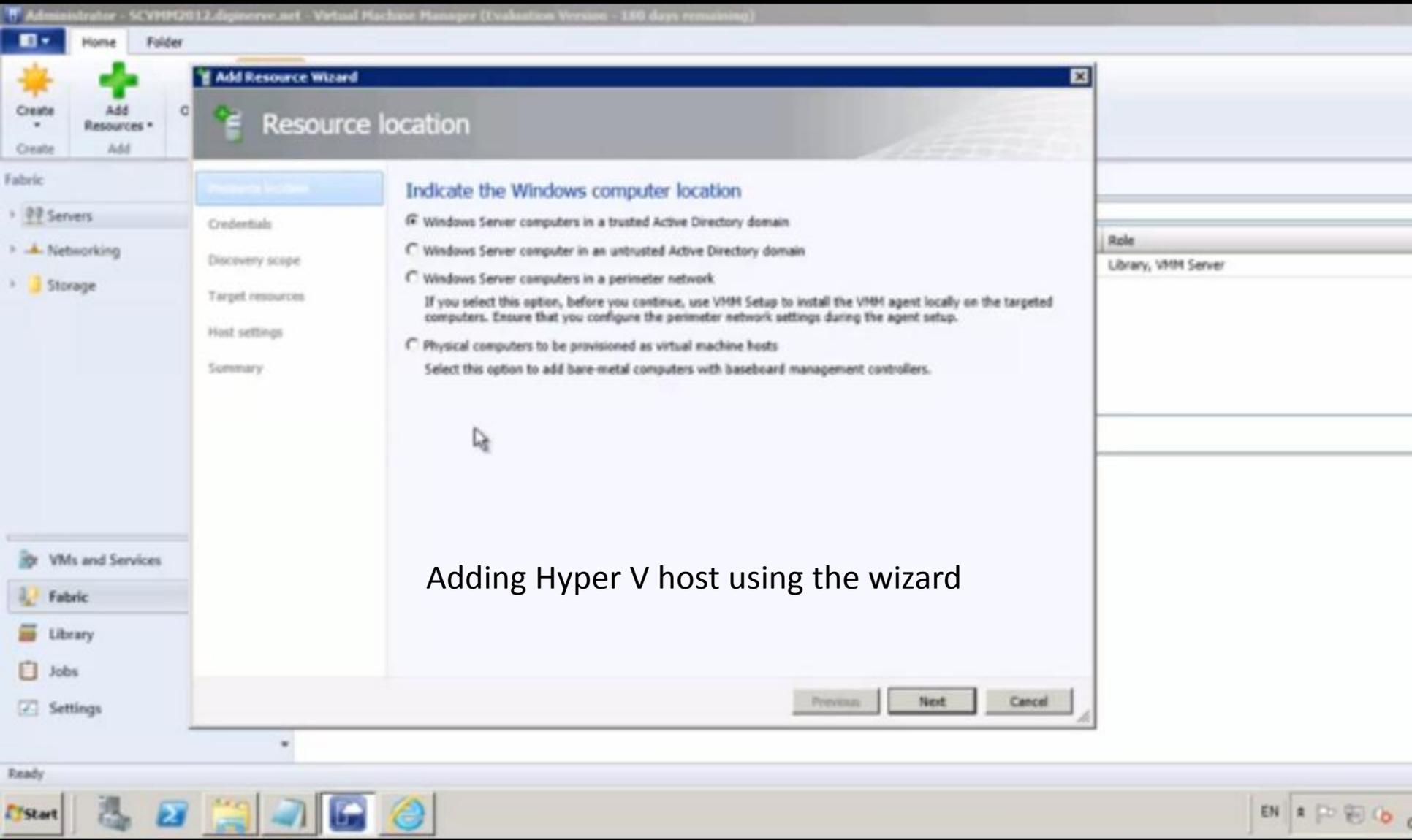
Ready



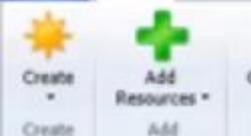
EN



Switch to the fabric field, click on Add resources and select Hyper V Hosts and clusters



Adding Hyper V host using the wizard



Fabric

- Servers
- Networking
- Storage

VMs and Services

- Fabric
- Library
- Jobs
- Settings

### 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

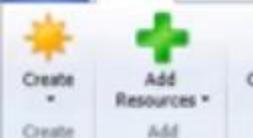
Password:

**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.

Ready



EN



Fabric

Servers

Networking

Storage

VMs and Services

Fabric

Library

Jobs

Settings

### Add Resource Wizard

## 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:

dig-sh4

Skip AD verification

Examples: server1  
server1.contoso.com  
10.0.1.1  
2a01:110:1e:3:8ff:fe44:23

Previous Next Cancel

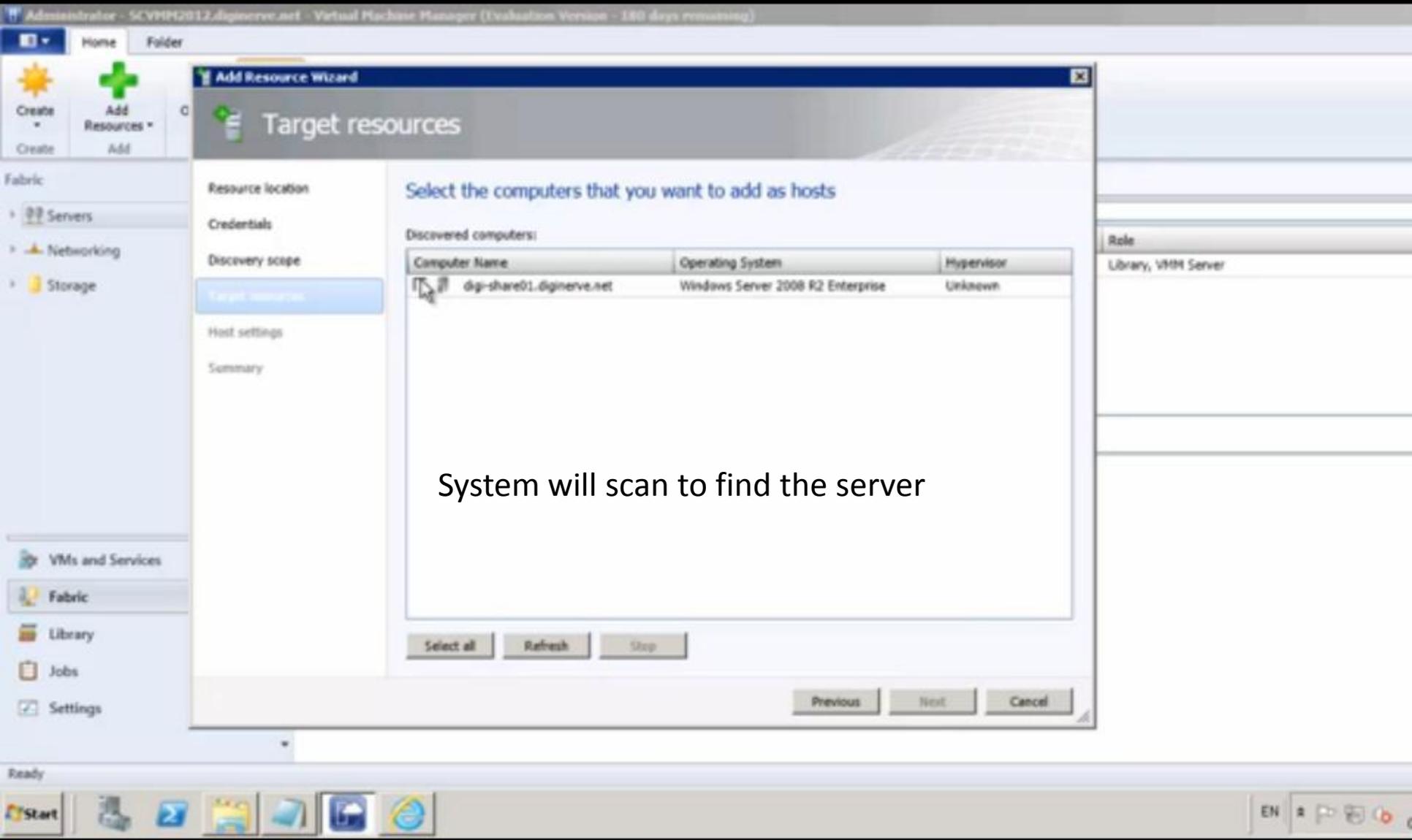
Role

Library, VMM Server

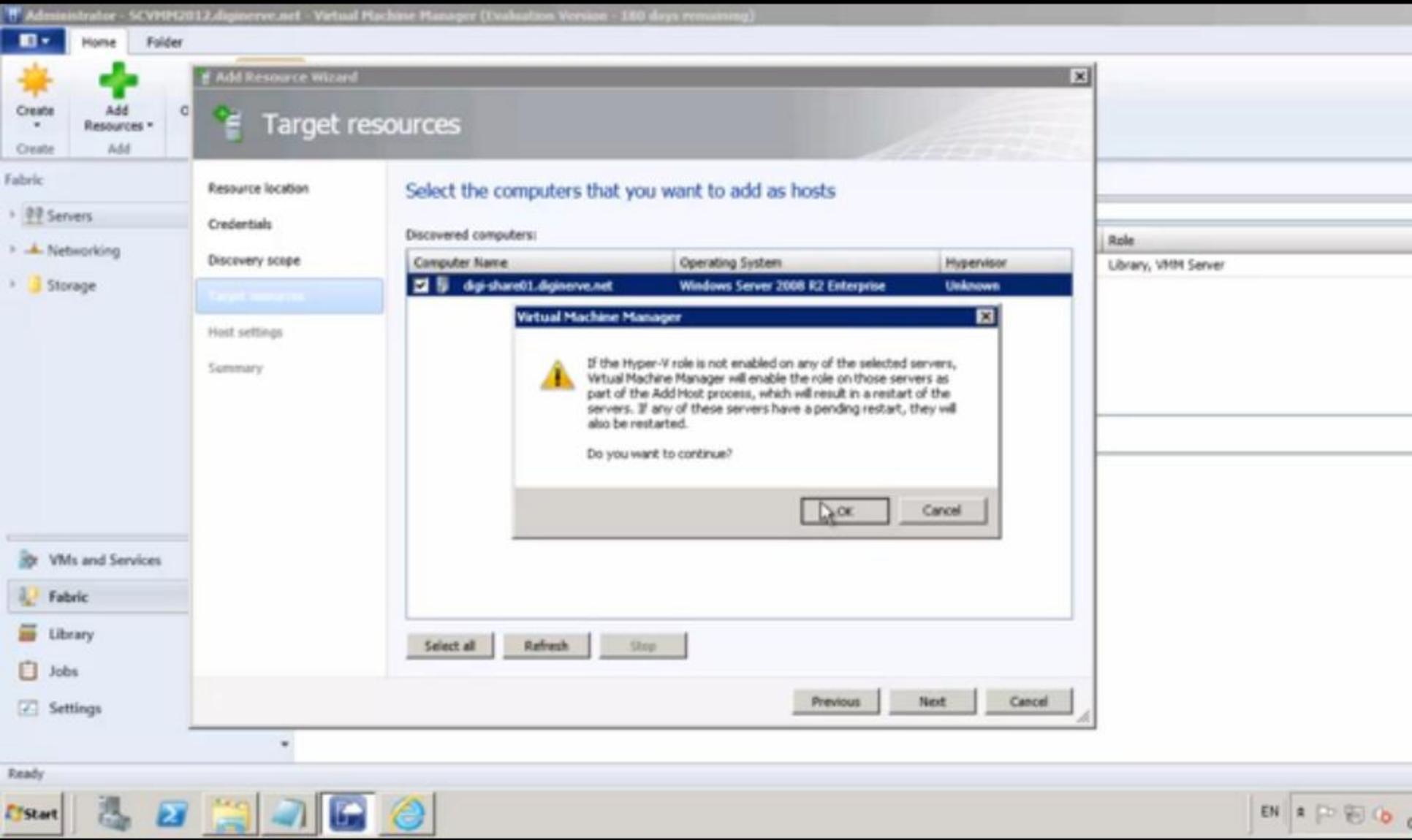
Ready

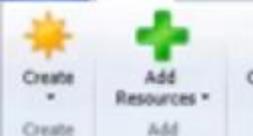


EN



System will scan to find the server





Fabric

- Servers
- Networking
- Storage

- VMs and Services
- Fabric
- Library
- Jobs
- Settings

### 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: **All Hosts**

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:

**Add**

Selected virtual machine placement paths:

**Remove**

**Previous** **Next** **Cancel**

Role

Library, VMM Server

Ready



EN

