This video from ITFreeTraining will look at how to manage Hyper-V from clients and servers. Set up correctly, the administrator should, in most cases, only ever have to configure the physical Hyper-V server during initial setup and also other configurations can be done from remote.

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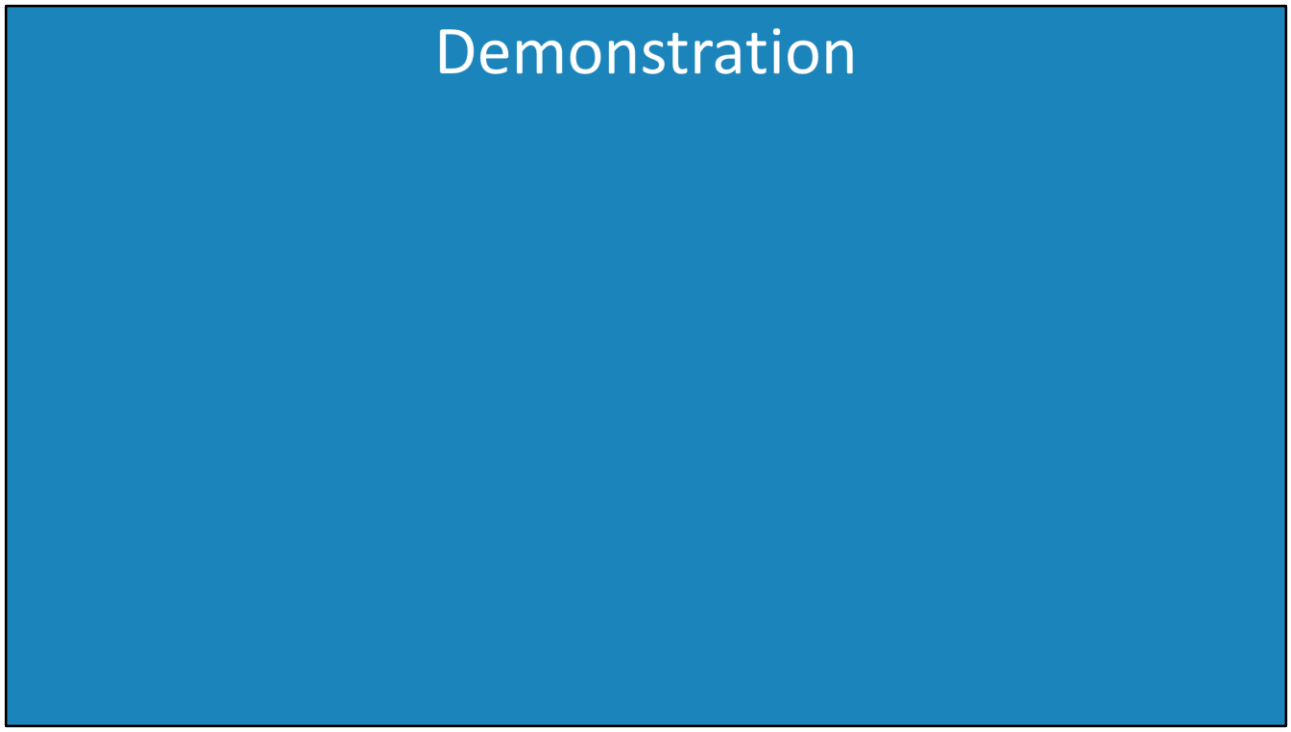

Demonstration
00:15 Switch to the server running Hyper-V.
00:26 Open Server Manager.
00:34 Go to Tools and Server Manager to open Hyper-V Manager.
00:40 Since the Hyper-V role is installed on this server, it automatically appears in the manager.
00:48 The top center section shows the virtual machines installed on this host .
00:53 The middle section shows the checkpoints.
01:08 A checkpoint is a moment in time of the virtual machine saving hard drive and memory so that it can be restored to that point in time by an administrator.
1:28 Additional details about the currently selected virtual machine appear in the bottom section.
1:40 On the right are settings for configuring the Hyper-V server and the selected virtual machine.

Demonstration Windows 8.1
2:08 RSAT is already installed on the Windows 8.1 machine but does not include Hyper-V management tools. This can be seen when Server manager is opened and there is no Hyper-V Management link.
2:28 Right click on Start Menu and select Control Panel. Select Programs and then select “Turn Windows features on and off”.
2:52 In the Features list, expand the Hyper-V item and check Hyper-V Management

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Tools. Press o.k. and return to the desktop.
3:12 Open Server Manager and run Hyper-V Manager from the tools menu.
3:28 You can also get to Hyper-V Manager by right clicking on the Start menu and clicking on Search and search “hyper”.
3:47 Right click on Hyper-V Manager and click Connect to Server
3:52 Enter in the server name and click Ok. It should connect relatively quickly but sometimes may take a little while to connect.

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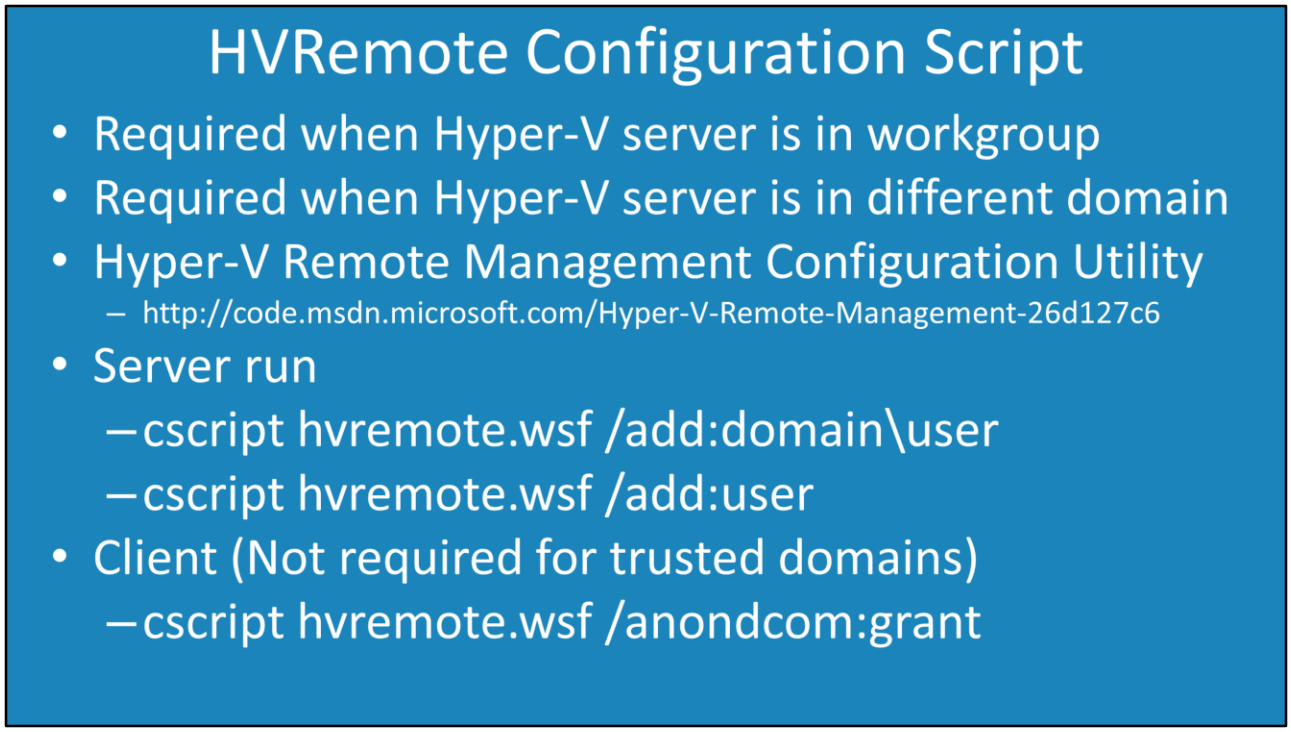

HVRemote Configuration Script

04:24 If the server and the client are not in the same domain, for example an untrusted domain or a workgroup, extra configuration needs to be done. Microsoft has provided a script which makes this configuration easy. The script can be downloaded from http://code.msdn.microsoft.com/Hyper-V-Remote-Management-26d127c6

On the server to add a domain user run

CScript nvremote.wsf /add:Domain\user

On the server to add a local user run

CScript HVRemote.wsf /add:user

On the client, the following command only needs to be run when connecting to an untrusted domain workgroup.

CScript HVRemote.wsf /AnonDCom:Grant

See http://YouTube.com/ITFreeTraining or http://itfreetraining.com for our always free training videos. This is only one video from the many free courses available on YouTube.

References

"Installing and Configuring Windows Server 2012 R2 Exam Ref 70-410" pg 138-139

"Hyper-V Remote Management Configuration Utility (HVRemote)"
http://code.msdn.microsoft.com/Hyper-V-Remote-Management-26d127c6

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