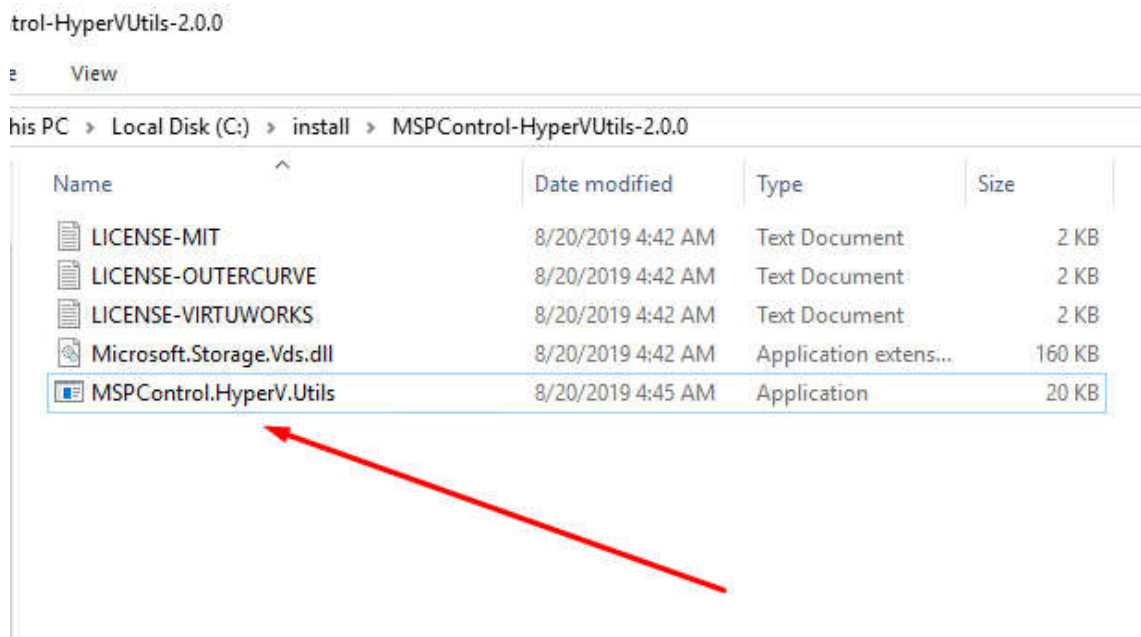


1) First, you need to create a virtual machine with the installed OS

It's desirable to make the disk size minimally possible (about 15GB) because later in the panel the template disk size can't be reduced (only increase). The size of the template disk will be the minimum volume of the virtual machine's disk

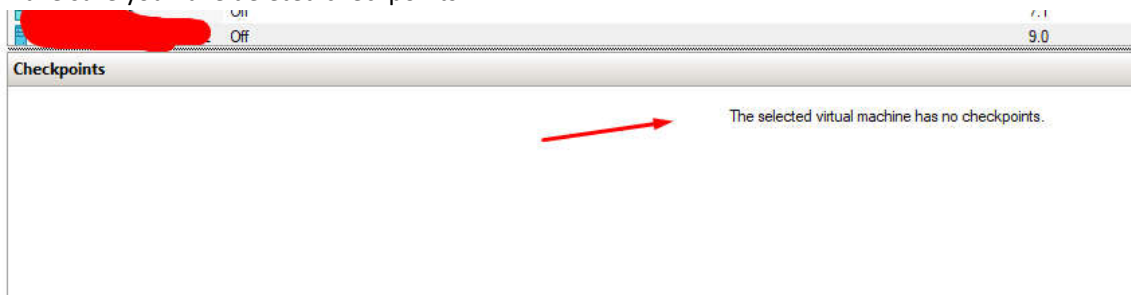
IMPORTANT: Remember Hyper-V generation of machine you have chosen to create a template. In the future you can't use a template created for 1 generation to create virtual machines 2nd generation and vice versa

1.1) You must install MSPControl Hyper-V Utilities on the virtual machine. [Download](#) the utility, unzip and run "MSPControl.HyperV.Utils"



1.2) Turn off virtual machine

1.3) Make sure you have deleted checkpoints



1.4) Create share folder for template and copy the "virtual machine .vhdx" ... in this folder.

1.5) Configure System Policies for Hyper-V

The screenshot displays a management interface with a dark sidebar on the left and a main content area on the right. The sidebar contains a list of navigation items: Account, Documentation, Dashboards, Settings, Virtual Servers, Servers, Choco Feeds, RDS Servers, RDS Users, Devices, Virtual Machines, Storage Spaces, IP Addresses, Email Routes, System Settings, Policies, Mail Templates, Update Dashboard, and Licensing. A red arrow points to the 'Policies' item. The main content area is titled 'System Policies' and lists several policy categories: MSPControl, Hosted Organization, WEB, Hyper-V, System, and Documentation. The 'Hyper-V' category is expanded, showing two sub-policies: 'Virtual Private Servers Policy' (highlighted in orange) and 'Remote Desktop Servers Policy'. A red arrow points to the 'Hyper-V' category.

1.6) Indicate the OS Templates path (created on the point 1.4), and add file name of virtual machine (.vhdx).

Virtual Private Servers Policy

Override Host Settings

Administrator Account Password Password Policy
 Enable Policy

Processor Resource Settings

Virtual machine reserve, %: 25

Virtual machine limit, %: 75

Relative weight: 1

OS Templates

OS Templates path: [redacted] .template

+ Add OS Template

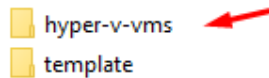
Name: [redacted]

File name (with extension): [redacted] .vhdx

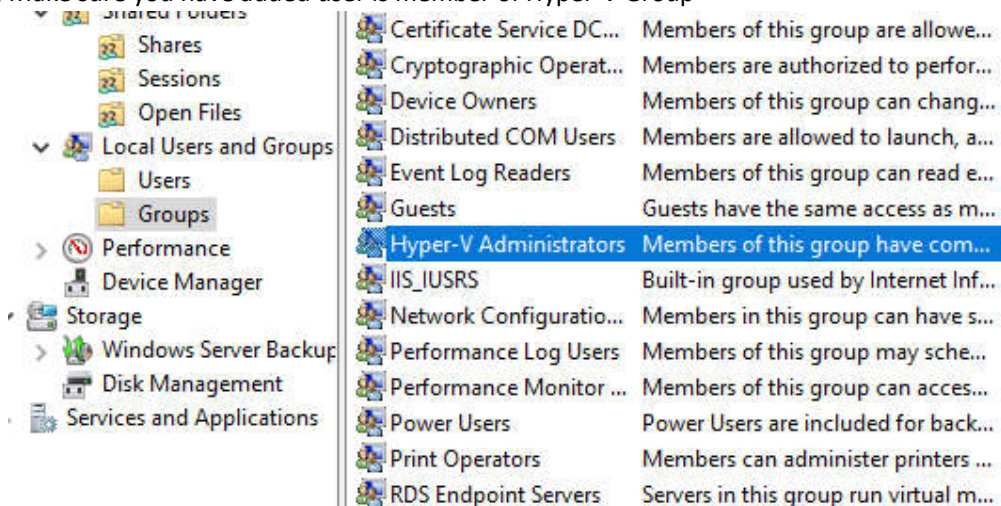
Index of the volume to expand: 1

Sysprep files (separated by ;):

1.7) Create folder where will store “virtual machines”



1.8) Make sure you have added user is member of Hyper-V Group



1.9) Make sure in the created server you have added the service “Hyper-V”

SharePoint Enterprise Server	Add
CRM 4/2011	Add
Dynamics CRM	Add
DNS	Add
Statistics	Add
Hyper-V	Add

1.10) Select created server with Hyper-V Service. Set NetBIOS or FQDN name of Your Hyper-V server.

☐ Service Properties

Hyper-V

Group: Hyper-V
 Provider: Microsoft Hyper-V 2019
 Name:
 Comments:

Service Settings

Hyper-V Server

Remote Hyper-V Server

Server name:

General Settings

VPS root folder:
 The following variables are supported: [VPS_HOSTNAME], [USERNAME], [USER_ID], [SPACE_ID]

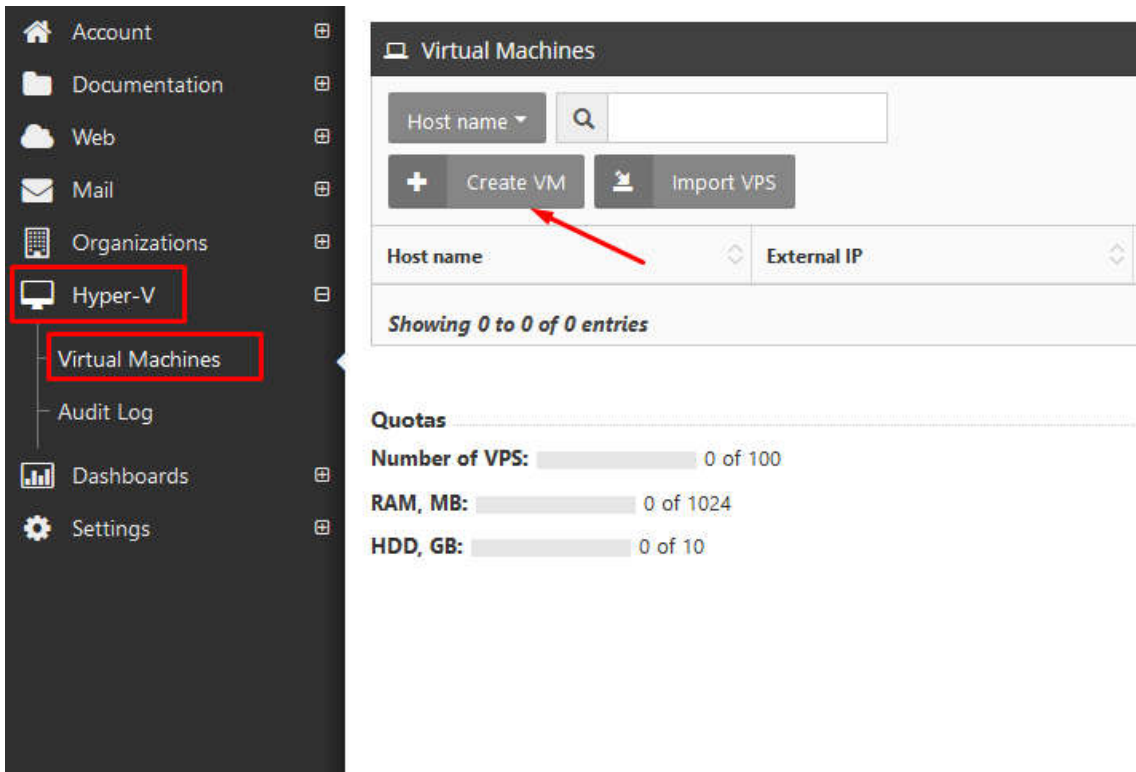
Exported VPS path:
 Cluster:

Make VM's highly available:
 SCVMM features enabled:

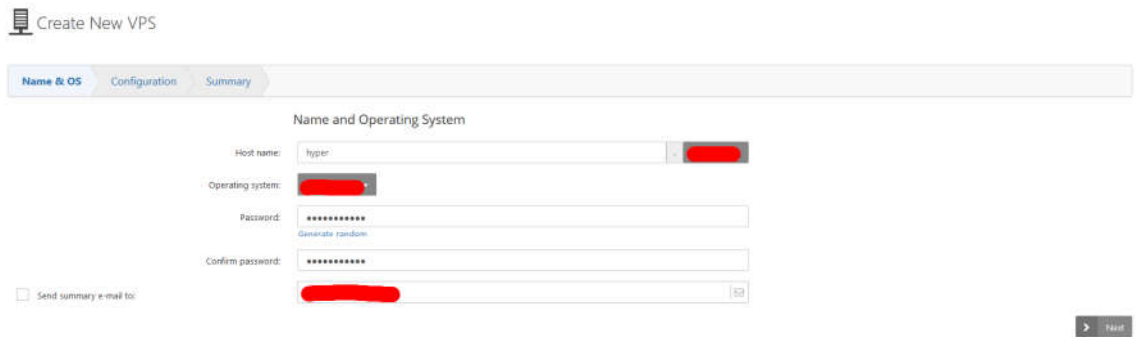
Replication

No Hyper-v Replication
 Enable Hyper-V Replication
 This is a Replica Server

1.11) Now select your customer, go to Hyper-V -> Virtual Machines -> Create VM



1.12) Set Host Name; Select OS Template; Create Password and click next.



1.13) Set configuration for VM

Create New VPS

Name & OS **Configuration** Summary

Configuration

Generation
Generation: no generation allowed in hosting plan

Resources
CPU: cores

RAM: MB

HDD: GB

Hard Drive Quality of Service management
Default value is 0

Minimum: IOPS minimum

Maximum: IOPS maximum

Dynamic memory:
 Dynamic memory

1.14) Verify the configuration summary and click Create.

Create New VPS

Name & OS **Configuration** **Summary**

Summary

Name and Operating System

Host name:

Operating system:

Configuration

Generation: First

CPU cores: 1

RAM, MB: 1024

1.15) After installation complete, you can check your new created virtual-machine.

Virtual Machines							
Host name		External IP		Private IP		VirtualIP	
test-hyper.hyper.com						Move Detach	

Showing 1 to 1 of 1 entries

Quotas

Number of VPS: | 1 of 100

RAM, MB: | 0 of 1024

HDD, GB: | 0 of 60

Done.