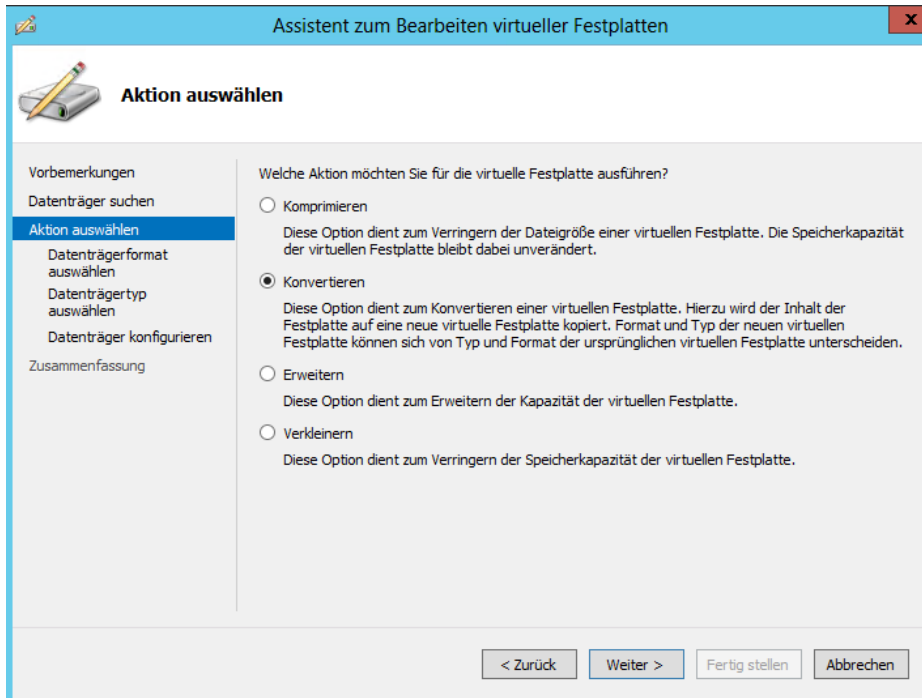


Speichern von on premise VM in Microsoft Azure

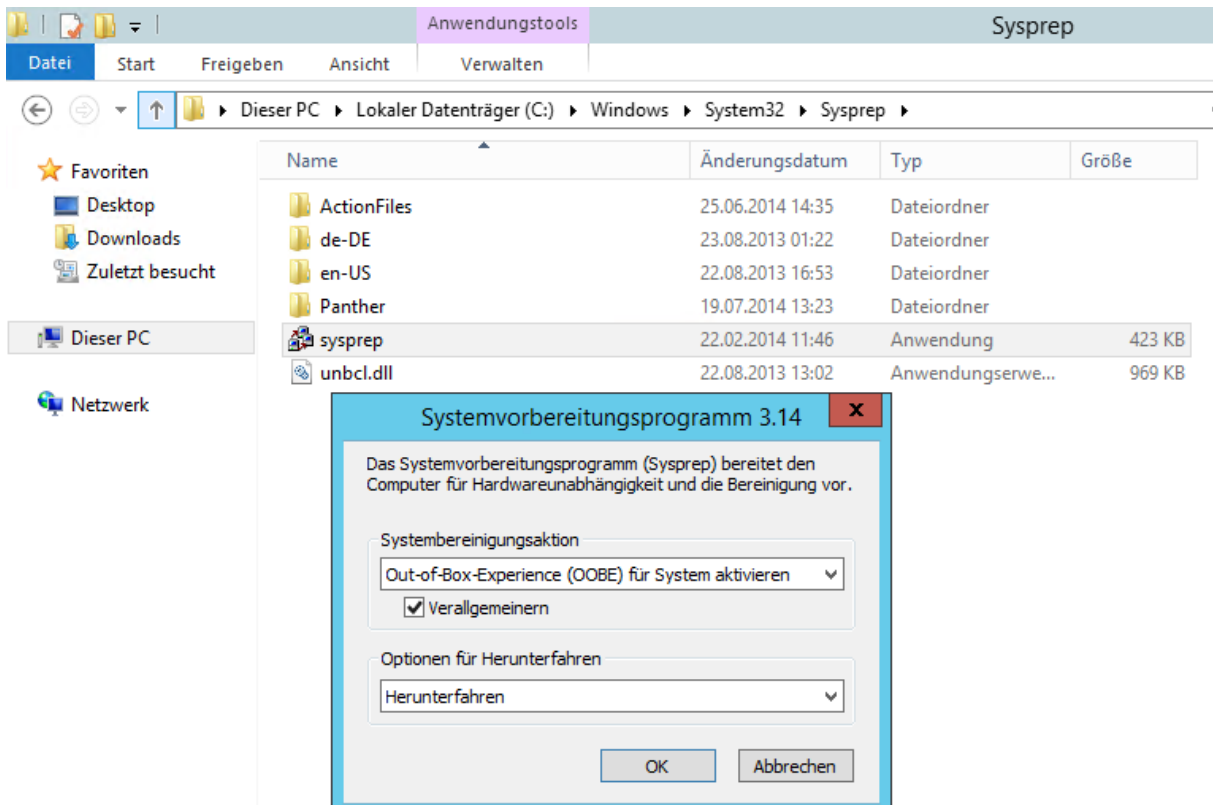
Informationen:

<http://azure.microsoft.com/de-de/documentation/articles/virtual-machines-create-upload-vhd-windows-server/>

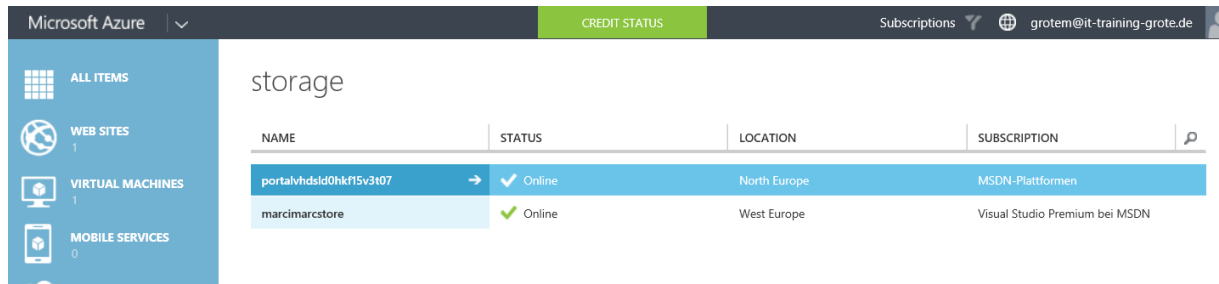
VHDX in VHD konvertieren, wenn on premise eine VHD existiert



VM starten und Sysprep ausführen



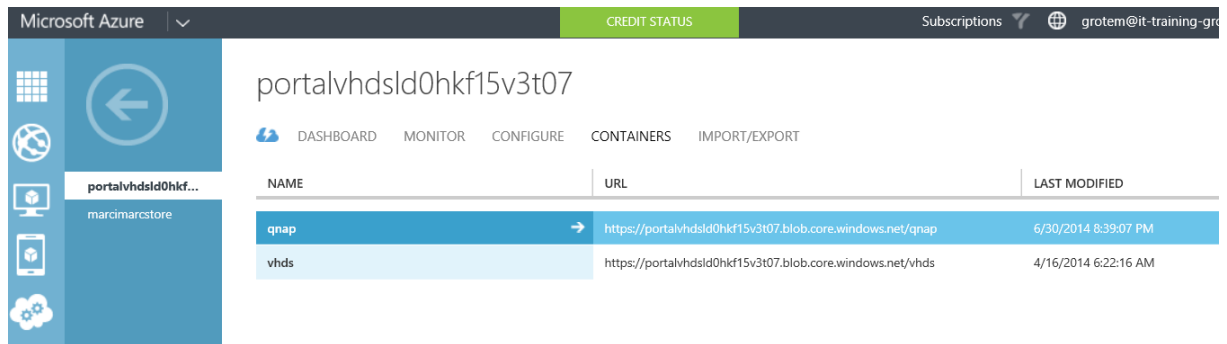
Storage Accounts ermitteln



The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes 'Microsoft Azure', 'CREDIT STATUS', 'Subscriptions', and the user email 'grotem@it-training-grote.de'. The left sidebar contains navigation options: 'ALL ITEMS', 'WEB SITES (1)', 'VIRTUAL MACHINES (1)', and 'MOBILE SERVICES (0)'. The main content area is titled 'storage' and displays a table of storage accounts.

NAME	STATUS	LOCATION	SUBSCRIPTION
portalvhdsld0hkf15v3t07	Online	North Europe	MSDN-Plattformen
marcimarcstore	Online	West Europe	Visual Studio Premium bei MSDN

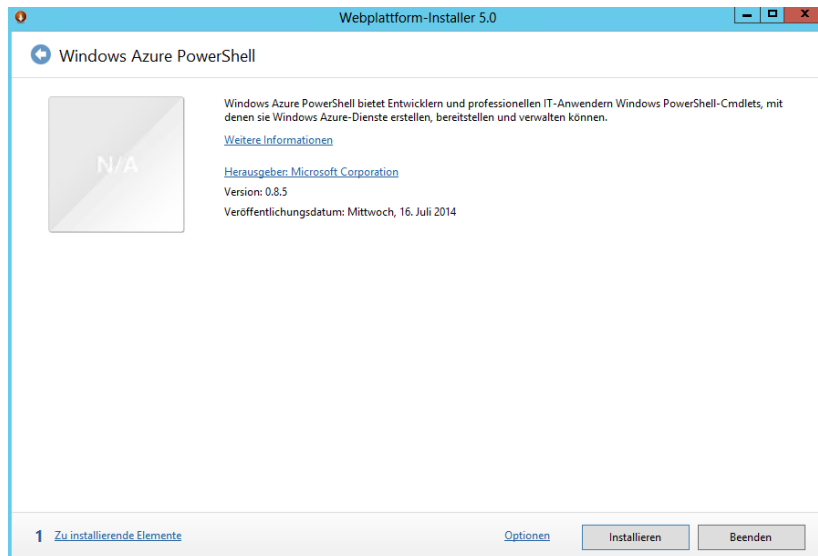
Container fuer VHD erstellen oder ermitteln



The screenshot shows the Microsoft Azure portal interface for a specific storage account. The top navigation bar includes 'Microsoft Azure', 'CREDIT STATUS', 'Subscriptions', and the user email 'grotem@it-training-gr...'. The left sidebar shows navigation options: 'portalvhdsld0hkf...', 'marcimarcstore', and 'VIRTUAL MACHINES'. The main content area is titled 'portalvhdsld0hkf15v3t07' and displays a table of containers.

NAME	URL	LAST MODIFIED
qnap	https://portalvhdsld0hkf15v3t07.blob.core.windows.net/qnap	6/30/2014 8:39:07 PM
vhds	https://portalvhdsld0hkf15v3t07.blob.core.windows.net/vhds	4/16/2014 6:22:16 AM

Azure PS installieren



The screenshot shows the 'Webplattform-Installer 5.0' window for Windows Azure PowerShell. The window title is 'Webplattform-Installer 5.0'. The main content area is titled 'Windows Azure PowerShell' and contains the following text:

Windows Azure PowerShell bietet Entwicklern und professionellen IT-Anwendern Windows PowerShell-Cmdlets, mit denen sie Windows Azure-Dienste erstellen, bereitstellen und verwalten können.

[Weitere Informationen](#)

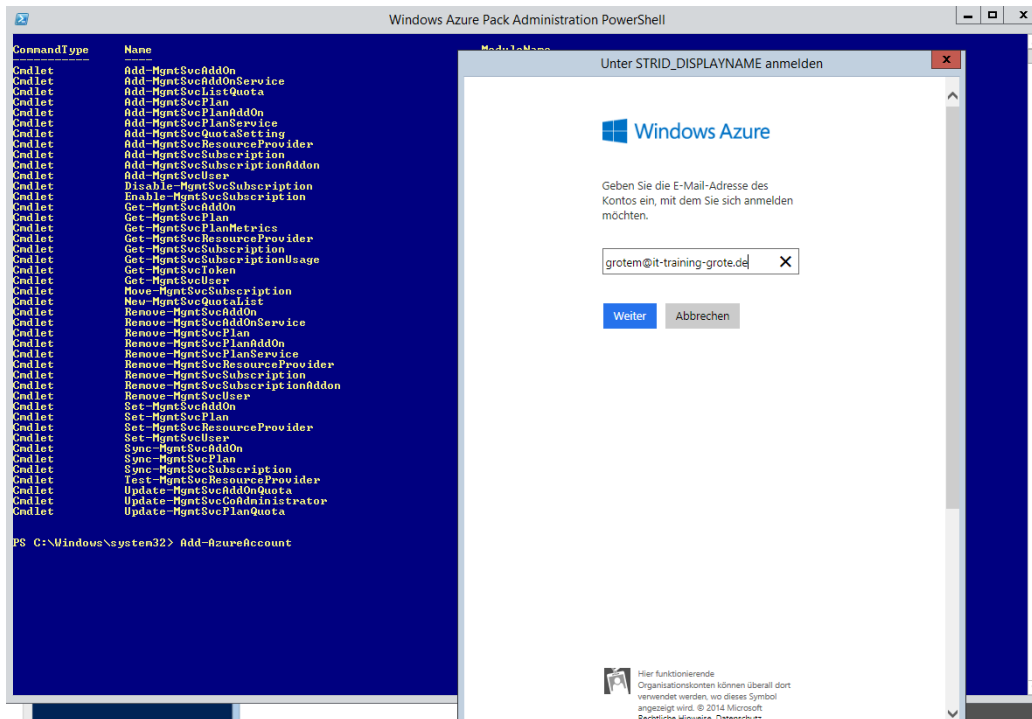
Herausgeber: Microsoft Corporation

Version: 0.8.5

Veröffentlichungsdatum: Mittwoch, 16. Juli 2014

At the bottom of the window, there is a progress indicator '1 Zu installierende Elemente' and three buttons: 'Optionen', 'Installieren', and 'Beenden'.

Anmelden an Azure mit Powershell



VHD Datei uploaden

```
PS C:\> Add-AzureVhd -Destination "https://portalvhdsld0hkf15v3t07.blob.core.windows.net/vhds/Grote-azure.vhd" -LocalFilePath "d:\grote-azure.vhd"
MD5 hash is being calculated for the file d:\grote-azure.vhd.
```

Add-AzureVhd -Destination

"https://portalvhdsld0hkf15v3t07.blob.core.windows.net/vhds/Grote-azure.vhd" -
LocalFilePath "d:\grote-azure.vhd"

MD5 Hash - ganz schoen schnell ☺

```
Calculating MD5 Hash
86.7% complete; Remaining Time: 00:01:27; Throughput: 1556.3Mbps
|
Verbleibende Zeit: 00:01:27
```

Der Upload dann leider nicht so schnell ☹

```
Uploading
10.6% complete; Remaining Time: 00:20:51; Throughput: 88.1Mbps
|
Verbleibende Zeit: 00:20:51
```

VHD liegt im Container

VHD Image als Custom Image hinzufuegen

Microsoft Azure | CREDIT STATUS | Subscriptions | grotem@it-training

virtual machines

INSTANCES IMAGES DISKS

No images have been created. To get started, click Create an image or Browse VM Depot.

CREATE AN IMAGE →
BROWSE VM DEPOT →

- ALL ITEMS
- WEB SITES 1
- VIRTUAL MACHINES 1
- MOBILE SERVICES 0
- CLOUD SERVICES 1
- SQL DATABASES 0

Create an image from a VHD

NAME
Grote-Azure

DESCRIPTION
VM Template WS 2012 R2 Fully Patched

VHD URL
https://portalvhdsld0hkf15v3t07.blob.core.windo

OPERATING SYSTEM FAMILY
Windows

I have run Sysprep on the virtual machine.

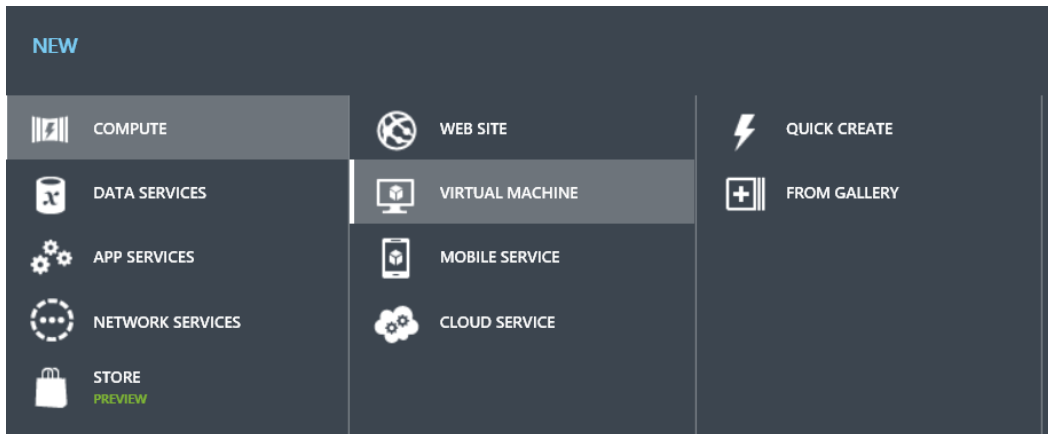


virtual machines

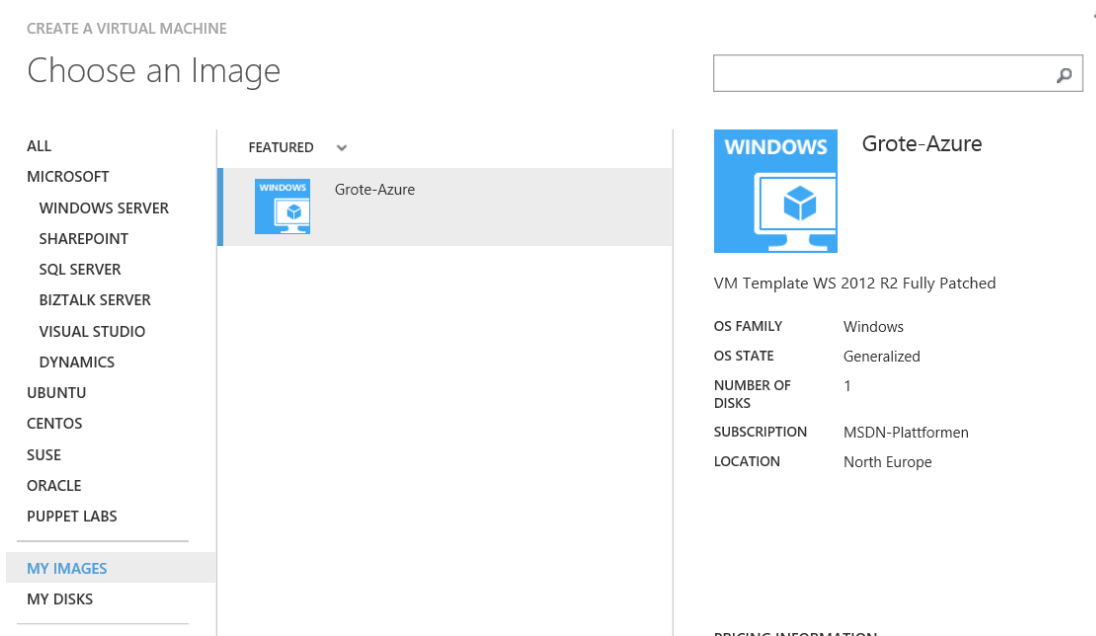
INSTANCES IMAGES DISKS

NAME	STATUS	SOURCE	LAST UPDATE	SUBSCRIPTION	LOCATION
Grote-Azure	Available	-		MSDN-Plattformen	

Neue virtuelle Maschine aus Gallery erstellen



My Images auswählen



CREATE A VIRTUAL MACHINE

Virtual machine configuration

VIRTUAL MACHINE NAME ?

Azure-Test

TIER

BASIC

STANDARD

SIZE

A1 (1 core, 1.75 GB memory)

NEW USER NAME

grotem

NEW PASSWORD

••••••••



CONFIRM

••••••••

Virtual Machine Configuration und RDP Port UFP (Universal Firewall Bypass Protokoll) friendly machen 😊

NAME	PROTOCOL	PUBLIC PORT	PRIVATE PORT	LOAD-BALANCED SET NA...
PowerShell	TCP	5986	5986	-
Remote Desktop	TCP	56836	443	-

Add Ons auswahlen

CREATE A VIRTUAL MACHINE

Virtual machine configuration

VM AGENT ?

Install the VM Agent

CONFIGURATION EXTENSIONS ?

Puppet Enterprise Agent

Published by: Puppet Labs | [Learn more](#) | [Legal terms](#)

Chef

Published by: Chef Software, Inc. | [Learn more](#) | [Legal terms](#)

Custom Script

Published by: Microsoft | [Learn more](#) | [Legal terms](#)

SECURITY EXTENSIONS ?

Microsoft Antimalware PREVIEW

Published by: Microsoft | [Learn more](#) | [Legal terms](#)

Symantec Endpoint Protection

Published by: Symantec | [Learn more](#) | [Legal terms](#)

Trend Micro Deep Security Agent

Published by: Trend Micro | [Learn more](#) | [Legal terms](#)

LEGAL TERMS

If any third-party extensions have been selected for installation, I acknowledge that I am getting such software from the third-party publishers identified above and that such publishers' legal terms and privacy statements apply to it.

Neue VM wird provisioniert

virtual machines

INSTANCES IMAGES DISKS

NAME	STATUS	SUBSCRIPTION	LOCATION	DNS NAME
GROTEM	Stopped (Deallocated)	MSDN-Plattformen	North Europe	grotem.cloudapp.net
TEST-VM	Starting (Provisioning)	MSDN-Plattformen	North Europe	Grote-Test.cloudapp.net

VM starten und verbinden

Da ist die VM

