Microsoft Azure Powershell

Als erstes ueber den Web Platform Installer die Azure Powershell downloaden

https://github.com/Azure/azure-sdk-tools

Microsoft Web Platform Installer 4.6 installieren



Auswahl der Komponenten

0	Web Platform Installer 4.6		_ 🗆 X
Search results for azure powers		l	م
Name		Released	Install
Windows Azure PowerShell		03.04.2014	Add
Windows Azure Pack: PowerShell API		17.04.2014	Add
Windows Azure SDK for PHP		03.04.2014	Add
Windows Azure SDK for Ruby		03.04.2014	Add
Windows Azure SDK for Node.js		03.04.2014	Add
1 Items to be installed	Options	Install	Exit



Azure Account hinzufuegen

Melden Sie sich bei Ihrem Microsoft-Konto an.	Land-ons Community Support	FREE TRIAL
	manage access to a subscription, but may disrupt a rs. After they expire, you'll need to log in again.	utomation. The credentials
Anmelden Da Sie auf vertrauliche Informationen zugreifen, müssen Sie das Kennwort bestätigen.	Windows Azure Pack. 2 Smallet fidd-Hynr Svefiddon Service Condiet fidd-Hynr Svefiddon Service Condiet fidd-Hynr Svefian Condiet fidd-Hynr Svefian Condiet fidd-Hynr Svefian fiddon Condiet fidd-Hynr Svefian String Condiet fidd-Hynr Svefian String Condiet fidd-Hynr Svefian Server Provider	Administration PowerShell X NgmtSvcAdmin NgmtSvcAdmin NgmtSvcAdmin NgmtSvcAdmin NgmtSvcAdmin NgmtSvcAdmin NgmtSvcAdmin
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©2014 Microsoft Datenschutz und Cookies	Condlet Renove-HyntSvoUsber ijtionAddon Condlet Renove-HyntSvoUsber Condlet Set-HyntSvoHadOn Condlet Set-HyntSvoHan Condlet Set-HyntSvoHan Condlet Set-HyntSvoHan Condlet Set-HyntSvoHan Condlet Set-HyntSvoHan Condlet Set-HyntSvoHan Condlet Sync-HyntSvoHan Condlet Sync-HyntSvoHan Condlet Sync-HyntSvoKanot Condlet Sync-HyntSvoKanot Condlet Sync-HyntSvoKanot Condlet Sync-HyntSvoKanot Condlet Sync-HyntSvoKanot Condlet Sync-HyntSvoKanot Condlet Text-HyntSvoKanot	Mgnt Sve Admin Mgnt Sve Admin
	Condition Update-HyntSveConductions Condition Update-HyntSveConduction PS C:\Uindove\system32> Add-AzureAccount Information is contained in a .publishsettings file. ts the .publishsettings file for use by the module. The	HyntSvcAdnin HyntSvcAdnin

Subscription anzeigen

Azure Abonnentendatei anzeigen und installieren

Σ	Windows Azure Pack Administration PowerShell	_	x	
PS PS	YS C:\Windows\system32> Get-AzurePublishSettingsFile YS C:\Windows\system32>			^

Download der Datei und installieren des Files

Micros	Microsoft Azure				
	K \$	Ihre Abonnementdatei wird generiert. Der Download beginnt in Kürze. Diese Datei enthält sichere Anmeldeinformationen und weitere Informationen zu den Abonnements, die Sie in Ihrer Entwicklungsumgebung verwenden können. Sollte der Download nicht automatisch gestartet werden, klicken Sie hier.			
1	Für Windows A Melden Sie sich für Wi	Azure-Vorschaufeatures anmelden ndows Azure-Vorschaufeatures an, an denen Sie interessiert sind.			
2	Lokale Kopie c Warnung Diese Datei Speichern Sie diese Da	Jer publishSettings-Datei speichern enthält ein codiertes Verwaltungszertifikat, das die Anmeldedaten zur Verwaltung Ihres Abonnements und zugehöriger Dienste enthält. Itei an einem sicheren Speicherort, oder löschen Sie sie nach der Verwendung.			
3	Die publishSet Folgenden Befehl ausfr Import-AzurePubli	tings-Datei importieren ^{ühren} ishSettingsFile			
4	Cloud-Dienst V Folgenden Befehl ausfr Publish-AzureServ	veröffentlichen ühren viceProject -ServiceName			
	D	Do you want to open or save MSDN-Plattformen-Visual Studio Premium bei MSDN-5-5-2014-credentials.publishsettings (7,31 KB) from manage.windowsazure.com? × Open Save V Cancel			

Import per PS

PS C:\Windows\system32> Import-AzurePublishSettingsFile 'C:\temp\MSDN-Plattformen-Visual Studio Premium bei MSDN-5-5-2014-credentials.publishsettings' PS C:\Windows\system32>

Zertifikat

The Action View Payonces Window Pie	יי יי						
📔 Console Root	Issued To	Issued By	Expiration Date	Intended Purposes	Friendly Name	Status	Certi
a 🗊 Certificates (Local Computer)		DO_NOT_TRUST_FiddlerRoot	26.09.2023	Server Authenticati	<none></none>		
⊿ 🧰 Personal	🕼 Administrator	RootCA	06.04.2013	Encrypting File Syst	47 Carline		User
Certificates	🕼 Administrator	RootCA	06.04.2013	Client Authenticati			Sma
Trusted Root Certification Authorities	api.facebook.com	DO_NOT_TRUST_FiddlerRoot	26.09.2023	Server Authenticati	<none></none>		
Enterprise Trust		bsa-portal-CA	23.04.2017	<all></all>	<none></none>		
Intermediate Certification Authorities	directory.services.live.com	DO_NOT_TRUST_FiddlerRoot	26.09.2023	Server Authenticati	<none></none>		
Trusted Publishers	DO NOT TRUST FiddlerRoot	DO NOT TRUST FiddlerRoot	26.09.2023	Server Authenticati	<none></none>		
Untrusted Certificates	2 Million Citatania internationale	StartCom Class 1 Primary Interme	13.10.2014	Client Authenticati			
Third-Party Root Certification Authorities		TC TrustCenter Class 1 L1 CA IX	25.11.2013	Client Authenticati	<none></none>	-	
Trusted People		TC TrustCenter Class 111 CA IX	12.03.2012	Client Authenticati	<none></none>		
Client Authentication Issuers	· · · · · · · · · · · · · · · · · · ·	TC TrustCenter Class 1 1 CA X	17.01.2013	Client Authenticati	<none></none>		
Other People	To aming officeanns live.com	DO NOT TRUST FiddlerRoot	26.09.2023	Server Authenticati	<none></none>		
Remote Desktop	RootCA	RootCA	30.09.2017	< 411>	<none></none>		
Certificate Enrollment Requests	StartCom Certification Authority	StartCom Certification Authority	17.09.2036	< 411>	StartCom Certificati		
Smart Card Trusted Roots	StartCom Class 1 Primary Inter	StartCom Certification Authority	24 10 2017	< 411>	StartCom Class 1 Pr		
Web Hosting	TC TrustCenter Class 1 1 CA X	TC TrustCenter Universal CA	31 12 2025	< All>	<none></none>		
Windows Live ID Token Issuer	TC TrustCenter Universal CA	TC TrustCenter Universal CA	01 01 2026	Server Authenticati	TC TrustCenter Uni		
Certificates - Current User	Windows Azure Tools	Windows Azure Tools	05.05.2015		Visual Studio Premi		
4 Personal	Windows Azure Tools	Windows Azure Tools	05.05.2015	< Alls	MSDN-Diattformen		
Certificates	1	Wildows Azure Tools	0 2022	Source Authenticati	(None)		
Trusted Root Certification Authorities	👌 💀 🛛 Ce	rtificate	× 5.2025	<alls< td=""><td><none></none></td><td></td><td></td></alls<>	<none></none>		
Enterprise Trust		_	5.2110	SAUZ	SNOTES		
Intermediate Certification Authorities	General Details Certification Pat	h	_				
Active Directory User Object	Chaun calls						
Trusted Publishers	Show: <all></all>	*					
Untrusted Certificates	Field	Value					
Third-Party Root Certification Authorities	Version	V3					
Trusted People	Serial number	1a e3 With State Book 49 ef					
Client Authentication Issuers	Signature algorithm	sha 1RSA 🗧					
Other People	Signature hash algorithm	sha1					
Smart Card Trusted Roots	Issuer	Windows Azure Tools					
	Valid from	Montag, 5. Mai 2014 19:31:59					
	Valid to	Dienstag, 5. Mai 2015 19:31:59					
	Subject	Windows Azure Tools					>
N							

Subscription setzen

Storage Location ermitteln

	Windows Azure Pack Administration PowerShell	
PS C:\Windows\system3	2> Get-AzureLocation	^
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: {Compute, Storage, PersistentUMRole, HighMemory} : East Asia : East Asia : Get-AzureLocation : acb4ddbb-3851-9ba2-afff-65cf458537d5 : Succeeded	
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: {Compute, Storage, PersistentUMRole, HighMemory} : Southeast Asia : Southeast Asia : Get-AzureLocation : acb4dd0b-3851-9ba2-afff-65cf458537d5 : Succeeded	
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: {Compute, Storage, PersistentUMRole, HighMemory} : North Europe : North Europe : Get-AzureLocation : acb4dd0b-3851-9ba2-afff-65cf458537d5 : Succeeded	
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: {Compute, Storage, PersistentUMRole, HighMemory} : West Europe : West Europe : Get-AzureLocation : acb4dd0b-3851-9ba2-afff-65cf458537d5 : Succeeded	
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: {Compute, Storage, PersistentUMRole, HighMemory} : East US : East US : Get-AzureLocation : acb4dd0b-3851-9ba2-afff-65cf458537d5 : Succeeded	
AvailableServices DisplayName Name OperationDescription OperationId OperationStatus	: (Compute, Storage, PersistentUMRole, HighMemory) : West US : West US : Get-AzureLocation : acb4dd0b-3851-9ba2-afff-65cf458537d5 : Succeeded	~

Get-AzureStorageAccount

Den Azure Subscriptions zuordnen

Neue Azure VM

Neue Affinity Group (nicht zwingend erforderlich)

Neuer Service (wenn nicht vorhandener Service genutzt werden soll)

Windows Azure Pack Administration PowerShell				
P\$ C:\\Vindows\system32> New-AzureService -ServiceName "Marcimarc01" -AffinityGroup "HomeSweetHome"				
OperationDescription	OperationId	OperationStatus		
New-AzureService	 6d459476-069e-90f8-a8e3-e2fe13ce2ffb	Succeeded		
PS C:\Windows\system32>				

Was fuer ein Image haetten wir denn gerne? ...

2 Windows Azure Pack Administration PowerShell	- 🗆 X
PS C:\Windows\system32> Get-AzureUMImage select ImageName	^
InageNane	Ξ
The second secon	
9c0883a6d9a24f2d91808e52cad83950JDK-1.7.0_51-0514-Vin-GA 9c0883a6d9a24f2d91800e52cad83950JDK-1.8.0-0514-Vin-GA 0x0883a6d9a24f2d91800e52cad83950_Dxacla-Database_11.2.0.4_0=EE=0514-Vin-C0	
0c0083a6d9a24f2d91800e52cad83950Oracle_Database=11.2.0.4.0=EF=Ueblogic=10.3.6=EE=JDK=1.7.0_51=0514=Win=GA 0c0083a6d9a24f2d91800e52cad83950Oracle=Database=11.2.0.4.0=EF=Ueblogic=10.3.6=EE=JDK=1.7.0_51=0514=Win=GA	
0c0083a6d9a24f2d91800e52cad83950Oracle-Database-11.2.0.4.0-SE-WebLogic-10.3.6-SE-JDK-1.7.0_51-0514-Win-GA 0c0083a6d9a24f2d91800e52cad83950Oracle-Database-12.1.0.1.0-0514-EE-Win-GA	
dc0003Ja6(9a24f2d91800e52cad83950Ovacle=Database=12.1.0.1.0=U514~SL=Vin=CA 0c008Ja6d9a24f2d91800e52cad83950Ovacle=Database=12.1.0.1.0=EE=WebLogic=12.1.2.0=EE=JDK=1.7.0_51=0514=Win=CA 0c008Ja6d9a24f2d91800e52cad83950_Ovacle=Database=12.1.0.1.0=EE=WebLogic=12.1.2.0=EE_JDK=1.7.0_51=0514=Win=CA	

VM erstellen in BESTEHENDEN Service

Source of the second seco	Windows Azure Pack Administration PowerSI eu-AzureUMConfig -Mane "Azure-UH-PS-81" -InstanceSize Ext .us-127GB.vhd -HostCaching ReadWrite -DiskLabel "OS" -Med "I Add-AzureProvisioningConfig -vindows -AdminUsernane " H-UMs SnevUh -ServiceNane Groten	nell C X raSmall -ImageName_a699494373c84fc9bc8f2bb138946106 laLocation "http://www.safetrict.cov.ov Groten" -Password "Coverage"
OperationDescription	OperationId	OperationStatus
New-AzureVM	ee197bf0-cd16-9602-a9b2-6ffc6cc38d27	Succeeded
PS C:\Windows\system32> Get-AzureU	и	
ServiceName	Name	Status
GROTEM GROTEM	Azure-UM-PS-01 GROTEM	Provisioning StoppedDeallocated
PS C:\Windows\system32>		

VM wird erstellt

all items

NAME	ТҮРЕ	STATUS	SUBSCRIPTION
-	Storage Account	♦ Online	MSDN-Flattionnen
GROTEM	Cloud service	🛕 Running	MSDN-Plattformen
Marcimarc	Web Site	💙 Running	Visual Studio Premium bei
Standardverzeichnis	Directory	Active	Shared by all Standardverz
DPM	Backup Vault	 Active 	MSDN-Plattformen
WS2012R2-GROTE	Backup Vault	 Active 	MSDN-Plattformen
VMMR2-AZURE	Hyper-V Recovery Manager Vault	 Active 	Visual Studio Premium bei
Azure-VM-PS-01	Virtual machine	 Starting 	MSDN-Plattformen
GROTEM	Virtual machine	Stopped (Deallocated)	MSDN-Plattformen
office	RemoteApp service	 Active 	Visual Studio Premium bei

Start / Stop Azure-VM

	Windows Azure Pack Administration PowerShell		_	X	r
PS_C:\Windows\system32>_Get-AzureVM					^
ServiceName	Name	Status			H
GROTEM	GROTEM	StoppedDeallocated			
PS C:\Windows\system32> Start-AzureVM -Name grot	em -servicename grotem				
OperationDescription	OperationId	OperationStatus			
Start-AzureUM	 bacbdd34-640b-9de6-94eb-f9a409f96f91	Succeeded			
PS C:\Windows\system32> Get-AzureUM					
ServiceName	Name	Status			
GROTEM	GROTEM	RoleStateUnknown			
PS C:\Windows\system32> Get-AzureVM					
ServiceName	Name	Status			
GROTEM	GROTEM	RoleStateUnknown			
PS C:\Windows\system32> Get-AzureUM					
ServiceName	Name	Status			
GROTEM	GROTEM	ReadyRole			
PS C:\Windows\system32>					

all items

NAME	ТҮРЕ	STATUS	SUBSCRIPTION
THE CRAFT NEED AND A STREET	Storage Account	Online	MSDN-Plattformen
GROTEM →	Cloud service	🗸 Running	MSDN-Plattformen
Marcimarc	Web Site	🗸 Running	Visual Studio Premium bei
Standardverzeichnis	Directory	Active	Shared by all Standardverz
VMMR2-AZURE	Hyper-V Recovery Manager Vault	Active	Visual Studio Premium bei
DPM	Backup Vault	Active	MSDN-Plattformen
WS2012R2-GROTE	Backup Vault	 Active 	MSDN-Plattformen
GROTEM →	Virtual machine	🗸 Running	MSDN-Plattformen
office	RemoteApp service	Active	Visual Studio Premium bei

Stoppen (IP Verlust)

	Windows Azure Pack Administration PowerSh	hell 📃 🗖 🗙		
PS C:\Windows\system32> Stop-AzureUM -name Grotem -ServiceName Grotem Confirm The specified virtual machine is the last virtual machine in this deployment. Continuing will result in a new IP address for your depl shut down without losing the deployment IP use -StayProvisioned. (Y) Yes (N) No (ES Suspend 1?) Help (default is 'Y''): y				
OperationDescription	OperationId	OperationStatus		
Stop-AzureUM	 bc43dd95-3b42-9341-a5ca-948a70118c7c	Succeeded		
PS C:\Windows\system32> Get-AzureVM				
ServiceName	Name	Status		
GROTEM	GROTEM	StoppedDeallocated		
PS C:\Windows\system32>				

Azure-VM loeschen

Neue Azure Webseite

PS_C:\Windows\system32>_New-A:	zureWebsite AzurePSTest				
New-AzureWebsite : Your Window	ws Azure credential in the Windows PowerShell session has				
expired. Please use Add-Azure	Account to login again.				
At line:1 char:1					
+ New-AzureWebsite AzurePSTest					
+ 01010101010101010101010101010101010101					
+ CategoryInfo :	CloseError: <:> [New-AzureWebsite], AadAuthenticationCantRenewEx				
ception					
+ FullyQualifiedErrorId :	Microsoft.WindowsAzure.Commands.Websites.NewAzureWebsiteCommand				
PS C:\Windows\system32> Add-AzureAccount					
PS C:\Windows\system32>					

-

Anmelden, wenn Anmeldeinformationen veraltet sind

	Windows Azure Pack Administration PowerShell	-		x			
				_			
PS_C+\Lindous\sustam22_Neu-Grunellabsite_GrunePSTest							
NumberOfWorkers	: 1						
DefaultDocuments NatEnamouonklangion	: {Default.htm, Default.html, Default.asp, index.htm}						
Phylers ion	: 5.4						
RequestTracingEnabled	: False						
HttpLoggingEnabled	: False						
DetailedErrorLoggingEnabled	: False				-		
PublishingUsername		0-44					
Publishingrassword	 VMAILGITYBM2/FIJDI SGHSLYDH/UUI CUEDCITE NODE DEDOUL (UEDCION) 	Bett					
Metadata	: <>						
ConnectionStrings	i ŏ						
HandlerMappings	: Ö						
Name	: AzurePSTest						
State	: Running						
HostNames	: {azurepstest.azurewebsites.net}						
SelfLink	• edstusweuspace : https://waws-nwod-hlu-007 ani azuwewehsites windows net:	4547	2013	ia l			
001111111	-2adfab61f0f1/webspaces/eastuswebspace/sites/AzurePSTest	357- 5	-896	id			
RepositorySiteName	: AzurePSTest						
Owner	÷						
UsageState	: Normal						
Enabled OdminEnabled	· Irue						
FnabledHostNames	• Irus : {azuvenstest azuvewehsites net						
Lindy to drive or name o	azurepstest.scm.azurewebsites.net						
SiteProperties	Microsoft.WindowsAzure.Commands.Utilities.Websites.Servitities.SiteProperties	ices.	Webl	ŝn			
AvailabilityState	: Normal						
SSLCertificates							
SiteMode	: Limited						
AuxeDviueTvaceEnabled	+ \/ +						
AzureDriveTraceLevel	- Freeze						
AzureTableTraceEnabled							
AzureTableTraceLevel	: Error						
ManagedPipelineMode	: Integrated						
WebSocketsEnabled	: False						
RemoteDebuggingEnabled	: False						
we we repeated and a strong and a	. 052012						
PS C:\Windows\system32>							

Da ist die Webseite

alle elemente

NAME	ТҮР	STATUS	ABONNEMENT	
•	Speicherkonto	✓ Online	MSDN-Plattformen	
GROTEM	Cloud-Dienst	Angehalten	MSDN-Plattformen	
AzurePSTest	Website	🗸 Wird ausgeführt	MSDN-Plattformen	
Marcimarc	Website	🗸 Wird ausgeführt	Visual Studio Premium bei	
GROTEM	Virtueller Computer	Angehalten	MSDN-Plattformen	
GROTEM2	Virtueller Computer	Angehalten	MSDN-Plattformen	
Standardverzeichnis	Verzeichnis	🗸 Aktiv	Von allen Standardverzeic	
VMMR2-AZURE	Hyper-V-Wiederherstellungs-Manager-Tresor	🗸 Aktiv	Visual Studio Premium bei	
DPM	Sicherungstresor	🗸 Aktiv	MSDN-Plattformen	
WS2012R2-GROTE	Sicherungstresor	🗸 Aktiv	MSDN-Plattformen	