EINRICHTEN & AUSFÜHREN VON LIZENZSERVER & RDS IN WINDOWS 2012 R2

Schritt für Schritt Anleitung

Index



Klicken Sie auf das passende Thema



Installing the RD Licensing Server Role

1	Add Servers				
Active Directory	DNS Import			Selected	
Location:	👹 sharkfarts 🕨	٢		Computer	
Operating System:	All	-	1		
Name (CN):	w2012				
	[Find Now]		
Name	Operating System		1_		
W2012R2-AD	Windows Server 2012 R2 Datacenter				
W2012R2-APPV	Windows Server 2012 R2 Standard		12		
W2012R2-CTXI	Windows Server 2012 R2 Standard		1.000		
W2012R2-PVS1	Windows Server 2012 R2 Datacenter				
W2012R2-RDS1	Windows Server 2012 R2 Standard				
W2012R2-RDS2	Windows Server 2012 R2 Standard				
W2012R2-RDS	Windows Server 2012 R2 Standard				
W2012R2-RDS	Windows Server 2012 R2 Standard				
W2012R2-RDSX	Windows Server 2012 R2 Standard				
W2012R2-SCOM	Windows Server 2012 82 Standard				

Falls der Server, auf dem Sie den RD Lizenz Server installieren möchten, nicht auf der Serverliste zu finden ist, führen Sie bitte einen Rechtsklick auf "All" aus und wählen Sie "Add Servers".

In dem **"Add Servers"** Fenster, wählen Sie den Server, den Sie als Lizenzserver ausführen möchten und klicken Sie auf den Pfeil oder führen Sie einen Doppelklick auf die Auswahl im rechten Teilfenster aus und klicken Sie **"OK"**



Installing the RD Licensing Server Role

a 🔽	- D - A	
911	Add Roles and Features	
5	Add Servers Create Server Group	
Tool In	Server Manager Properties	

Klicken Sie auf Manage oben rechts in der Server Verwaltung und wählen Sie Add Roles and Features.

In dem "Before You Begin screen" (bevor Sie beginnen Fenster), klicken Sie **Weiter**



Installing the RD Licensing Server Role



Beim Installationstyp, wählen Sie **Role-based** (rollenbasierende-) oder **feature-based installation** (feature-basierende Installation) aus.





Installing the RD Licensing Server Role

	Add Kol	es anu reatures v	IVIZAIU
elect destinati	on server		
Before You Begin Installation Type	Select a server or a virtue	al hard disk on which the server pool	to install roles and fe
Server Selection	Select a virtual hard of	disk	
Server Roles Features Confirmation	Server Pool		
	Name	IP Address	Operating System
	W2012R2-RDSUC1.sha	rk 192.168.10.12,	Microsoft Window

Auf dem Bildschirm zur Zielwahl, wählen Sie den Namen des Servers, den Sie als Lizenzserver einsetzen möchten und klicken Sie **Next**



Installing the RD Licensing Server Role

Before You Begin	Select one or more roles to install on the selected se
nstallation Type	Roles
Server Selection	
Server Roles	Application Server
Features	DHCP Server
Remote Desktop Services	Eav Server
Role Services	File and Storage Services (1 of 12 installed)
	Hyper-V
	Network Policy and Access Services
	Print and Document Services
	Remote Access
	Remote Desktop Services
	Volume Activation Services

Auf dem Bildschirm zur Auswahl der Serverrollen, scrollen Sie bitte runter und klicken Sie die **Remote Desktop Services** an und gehen Sie auf **Next**

Auf den Features screen (Features-Fenster), klicken Sie **Next**.

Klicken Sie erneut auf **Next** auf dem Remote Desktop Services Fenster





Installing the RD Licensing Server Role

Bei dem Role Service screen (Rollen-Service Fenster), **Remote Desktop Licensing** anklicken und auf **Next** gehen.





Installing the RD Licensing Server Role

8	Add Roles and Features Wizard
Add Lice	d features that are required for Remote Desktop ensing?
The I have	following tools are required to manage this feature, but do not to be installed on the same server.
	Remote Server Administration Tools
18	 Role Administration Tools
	 Remote Desktop Services Tools
	fundational neisone network menanity innus
ß	Include management tools (if applicable)

Ein Pop-Up zum Hinzufügen von Features erscheint.

Klicken Sie auf **Add Features** (Features hinzufügen).



Installing the RD Licensing Server Role

Confirm installation selections Destruction Before You Begin Installation Type Service Selection To install the following roles, role services, or features on selected server, dick install. Service Selection Restart the destination server automatically if required Optional testures (such as administration tools) might be displayed on this page because they it been selected automatically. If you do not want to install these optional features, dick Previous their check boxes Remote Desktop Services Remote Desktop Loensing Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Loensing Remote Desktop Loensing Remote Desktop Loensing Remote Desktop Loensing Tools Remote Desktop Loensing Tools Remote Desktop Loensing Tools Remote Desktop Loensing Tools		Add Roles and Features Wizard	1=1
Before You Begin Installation Type To install the following roles, role services, or features on selected server, dick install. Installation Type Restant the destination server automatically if required Service Selection Oplional features (such as administration tool) might be displayed on this page because they to be selected automatically. If you do not want to install these optional features, dick Previous their check bases. Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Desktop Services Remote Desktop Services Remote Desktop Services Services Tools Remote Desktop Services Services Tools Services Services Tools Services Services Tools Services Services Tools<	Confirm installation	on selections	DESTINATION W201292-RDSUCT shares
Export configuration settings	Before You Begin Installation Type Server Selection Server Roles Features Remote Desktop Services Role Services Confirmation	To install the following toles, role services, or features on s Optional features (such as administration tools) might be obtained by the second sected automatically. If you do not want to install their check towars. Remote Desktop Services Remote Desktop Services Tools Remote Desktop Services Tools	wheched server, click Install. d displayed on this page because they h hese optional features, click Previous t
Specify an alternate source path		Export configuration settings Specify an alternate source path	

Klicken Sie auf **Next** in dem Fenster zur Wahl des Role Service Screen (Rollenservices), klicken Sie dann **Install** auf dem Pop-Up zum Bestätigen.





Installing the RD Licensing Server Role

Confirm installation selections Destination Before You Begin Installation Type Server Selection Server Roles To install the following toles, role services, or features on selected server, click Install. Server Roles Restart the destination server automatically if required Server Roles Remote Desktop Services Remote Desktop Services Remote Desktop Services			
Before You Begin To install the following rates, role services, or features on selected server, click Install. Installation Type Restart the destination server automatically if required Server Selection Optional features (such as administration tools) might be displayed on this page because they h been selected automatically. If you do not want to install these optional features, click Previous their check boxes. Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Licensing Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Licensing Remote Desktop Services Remote Desktop Services Remote Desktop Services Remote Desktop Licensing Tools	Confirm installation	n selections	W2012R2-RDSUICT shared
	Before You Begin Installation Type Server Selection Server Boles Peatures Remote Desktop Services Role Services Contemution	To install the following roles, role services, or feature Restart the destination server automatically if in Optional features (such as administration tools) mig- been selected automatically. If you do not want to in- their check boxes. Remote Desktop Services Remote Desktop Services Remote Desktop Services Role Administration Tools Rele Administration Tools Remote Desktop Services Tools Remote Desktop Services Tools Remote Desktop Services Tools	es on selected server, click install. equired ht be displayed on this page because they h notall these optional features, click Previous t
		Prove the second se	
		< Previous	fiext > Install C

Warten Sie auf dem Installationsfortschrittsfenster auf das Beenden der Feature Installation, und klicken Sie dann **Close**.

Jetzt haben Sie erfolgreich Remote Desktop Lizensierung als Server Rolle installiert.



→ Zurück zum Anfang



	SERVER	ts
Dashboard	All server	s 1 total
Local Server	Filter	
All Servers		F 0 0 0
File and Storage Services ▷	Server Name	IPv4 Address Manageability
	W2012K2-K	Add Roles and Features
		Shut Down Local Server
		Computer Management
		Remote Desktop Connection
		Windows PowerShell
		Configure NIC Teaming
	<	Configure Windows Automatic Feedback
		RD Licensing Manager

In der Server Verwaltung wählen Sie zunächst All Servers. Dann führen Sie einen Rechtsklick auf den RD License server in der Server Liste aus und wählen RD License Manager (RD Lizenzverwaltung).





		RD Licensing M	lanager	
Action View Help				
5 5 H 🔳				
All servers	Name	Activation Status	Discovery Scope	
	W2012R2	Refresh	Pin	
		Review Configuration		
		Install Licenses		
		Activate Server		
		Advanced	*	

Im **RD Lizenz Manager** (RD Lizenzverwaltung) führen Sie einen Rechtsklick auf den Lizenzserver aus und wählen Sie **Activate Server** (Server aktivieren).





	Activate Server Wizard
Connection Method Select the most appr	ophate connection method.
The connection met the Microsoft Clearin To change the corn the license server's f	nod selected for license server activation will also be used to contact ghouse when licenses are installed. ection method after activation, go to the Connection Method tab of hoperties dialog box.
Connection method	
Automatic connection	on (recommended) v
Description:	This is the recommended method. The license server will automatically exchange the required information with the Microsoft Clearinghouse over the Internet.

In dem Activate Server Wizard (Willkommensfenster zur Server-Aktivierung), klicken Sie auf Next.

Bei der **Connection Method** (Verbindungsmethode) klicken Sie auf **Next**.





	RD Licensing Manager
8	The Microsoft Clearinghouse could not be contacted. Ensure that you have Internet connectivity from the computer running the RD Licensin Manager tool. If the problem persists, use a different connection method.

Falls Ihr Server keinen Zugang zum Internet hat, wird folgender Fehler angezeigt (siehe Abbildung links).

Bitte stellen Sie eine Internetverbindung her oder Wählen Sie die Aktivierung über Telefon.

Siehe telefonische Aktivierung auf den letzten Seiten



Activating by Internet

Company Information Provide the requested of	company information.	9
Enter your name, company	name, and country/region information.	
This information is required	to proceed.	
First name:		
Last name:		
Company:		
Country or Region:		~

Falls die automatische Verbindung fähig war Microsoft übers Internet zu kontaktieren, sehen Sie das Firmeninformationsfenster. Tragen Sie hier Ihre Unternehmensinformationen ein und klicken Sie auf **Next**.

Activating by Internet

Company Information Enter this optional inf	omation.	9
Email:		
Organizational unit:		
Company address:		
City:		
State/province:		
Postal code:		

Das darauf folgende Fenster erfragt weitere optionale Unternehmensdaten.

Optional können Sie die Daten einfügen und auf Next klicken.

Der Installationshelfer wird nun versuchen Microsoft zu kontaktieren und den Server zu aktivieren. Sobald dies erfolgreich war, sehen Sie das **"Completing the Activate Server Wizard"** Fenster (Beenden des Serveraktivierungsassistenten).



Activating by Internet



Für den Fall, dass Sie 2012 RDS CALs (Client Access License) erworben haben, klicken Sie Next und setzen Sie das Häckchen bei Start the Licenses Install Wizard (Starten Sie den Lizenzinstallationsassistenten).

Falls nicht, löschen Sie das Häckchen und klicken Sie Finish (für Beenden).





Installing RDS Client Access Licenses

Connection method:	Telephone Automatic connection (recommended)
Description:	Web Browser Telephone operation: See this method if you do not have internet access.
Requirements:	This method requires a standard telephone. This is a toll-free call from most locations.
Select Country or Region:	United Kingdom
Product ID:	55041-089-8239724-76087

 Öffnen Sie den RD Licensing Manager
 Führen Sie einen Rechtsklick auf den Servernamen aus und wählen Sie Properties (Eigenschaften).
 Ändern Sie die Connection method (Verbindungsmethode) auf Telephone und wählen Sie Ihr "Country (Land) oder Region"

Im nächsten Schritt erhalten Sie Ihre License Server ID.



Installing RDS Client Access Licenses

Obtain clier	t license	key pack					E
Provide t	ne client li	cense key pa	ick ID.				
To install y obtain a lie	your Termi cense key	nal Services pack ID:	client acce:	is licenses (T	S CALs), call	Microsoft at t	his number to
		0800 0	18 8364 or	Intl. + 44 870	2411963		
To obtain your licen: License).	a license l se progran	key pack ID, for example	you will nee , retail prod	ed the license uct packagin	code inform g, Enterprise	ation that you Agreement, o	received from r Select
You will a	so need y	our license se	erver ID. Yo	ur license ser	ver ID is:		
		T4BJT-	34.00	-Chief 1-77	-	-	
The Micro this ID in t	soft Custo he followir	mer Support i ng boxes.	representat	ve will provid	e you with a	icense key pa	ack ID. Type
							_
1	Please writ with the M	te down this I icrosoft Clear	D. Having t inghouse, s	his informatio hould you ne	n with you wi ed assistance	I facilitate cor with recover	nmunications ing TS CALs.
					< Pack	Next	
					< back	Next >	Lan

4. Innerhalb des RD Licensing Manager führen Sie einen Rechtsklick auf den Server aus und wählen Sie Install Licenses (Lizenzen installieren)
5. Next
6. Notieren Sie sich die license server ID
7. Lassen Sie das Fenster offen, da als nächstes die key pack ID eingetragen wird.

8. Als nächstes generieren wir die **key pack ID**, fügen diese in den **TS Licensing Manager** ein und beenden den Assistenten.



a	RD Lice	nsing Manager	
Action View Help			
All servers	Name	Activation Status	Discovery Scope
🗄 🗔 W2012R2-RDSLIC1	W2012R2-RDSLIC1	Activated	Domain

Im RD Lizenzierungsassistenten, sehen Sie nun vermutlich ein gelbes Dreieck mit einem Ausrufezeichen über dem Icon Ihres Servers

Es bedeutet, dass Ihr Server höchstwahrscheinlich kein Bestandteil des Terminal Servers im Active Directory (AD) ist.



Action View Help	G		RD Li	censi
Image:	Action View Help			
All servers License Version and Type W2012R2-RDSLIC1 Refresh 012 - Review Configuration Install Licenses Activate Server				
Refresh 012 - Review Configuration Install Licenses Activate Server O12 -		1	License Version and	Type rver -
Review Configuration Install Licenses Activate Server		Refresh		012 -
Install Licenses Activate Server		Review Cor	nfiguration	
Activate Server		Install Licer	nses	
		Activate Se	rver	

Sie können den Server durch die Active Directory Benutzer & Computer Konsole hinzufügen

oder

Klicken Sie per Rechtsklick auf den Server im RD Licensing Manager und klicken Sie auf **Review Configuration**...



	W2012R2-RDSLIC1 Configuration	
Licens	e Server Name: W2012R2-RDSLIC1	
Disco	very Scope: Domain	Change Scope
Datab	ase Location: C:\Windows\System32\LServer\	
À	This license server is not a member of the Terminal Server License Servers group in Active Directory Domain Services. This license server will not be able to issue RDS Per User CALs to users in the domain, and you will not be able to track or report the usage of RDS Per User CALs on this license server.	Add to Group

Im Konfigurationsfenster klicken Sie auf Add to Group um Ihren Server zu den Terminal Server Lizenzservern hinzuzufügen.



To add the computer account for this license server to the Terminal Server License Servers group in Active Directory Domain Services (AD DS), you must have Domain Admins
privileges in AD DS.

Ein Pop-Up erscheint um Sie zu warnen, dass Sie Domain Admin Rechte haben müssen. Klicken Sie **Continue** (Weiter), um den Server der Gruppe hinzuzufügen.







Wenn der Server erfolgreich hinzugefügt wurde, sehen Sie ein Bestätigungsfenster.

Klicken Sie **OK** und dann wieder **Ok** im Konfigurationsfenster, um es zu beenden





Configuring Remote Desktop Session Hosts server to use the license server

use the specified Remote Desktop	icense servers	Previous Setting Next Setting	
Not Configured Comment Enabled Disabled			1 1 1
supportes on:	At least Wind	ows Server 2003 with Service Pack 1	
Optionsi		Help	
License servers to use W2012R2-RDSLIC	1	This policy setting allows you to specify the order in which an RD Session Host server attempts to locate Remote Desktop Scense servers.	-
Separate license server names with con Example: Server1, Server2 example.com	mat. 192.168.1.1	If you enable this policy setting, an RD Session Hest server first attempts to locate the specified locans arrows. If the specified licens servers cannot be located, the RD Session Host server will attempt automatic license server discovery. In the automatic license server discovery process, an RD Session Hest server in a Windows Server-based domain attempts to contact a license server in the following order. 1. Remote Desktop Scense servers that are published in Active Directory Domain Services. 2. Remote Desktop Scense servers that are installed on domain controllers in the same domain at the RD Session Host server. If you disable or dn not configure this policy setting, the RD Session Host server does not specify a Scense server at the Group Policy level.	

In der Gruppenrichtlinie ist die Lizenzkonfiguration in Computer Configuration\Policies\Administrative Templates\Windows Components\Remote Desktop Services\Remote Desktop Session Host\Licensing\Set platziert.

Setzen Sie das "Use the specified Remote Desktop license servers" Fenster auf enabled und tragen Sie lhre Lizenzserver in options ein, wobei Sie jeden Server durch Komma voneinander trennen





Configuring Remote Desktop Session Hosts server to use the license server

Set the Remote Desktop licensing r	ode Previous Setting Next Setting	
Not Configured Comment Enabled Disabled Supported on:	At least Windows Server 2003 with Service Pack 1	()) () () () () () () () () (
Options:	Help	
Specify the licensing mode for the RD S retrier.	Insign Hust Destrop service (service) service (service) Destrop Service (service) Destrop Service (service) You can use this RD Session Host server. You can use this policy setting to select one of two lice modes: Per User or Per Device. Per User Service (service) Per User Service) Per User Service (service) Per Device licensing mode requires that each user accour connecting to this RD Session Host server have an RDS CAL. Per Device licensing mode requires that each device co to this RD Session Host server have an RDS Per Device (If you enable this policy setting, the Remote Decktop is mode that you specify is honced by the Remote Decktop server. If you disable or do net configure this policy setting the licensing mode is not specified at the Group Policy level	note A nequired f. Per User smecting (AL censing op license e f.

Aktivieren Sie den "Set the Remote Desktop licensing mode" und bestimmen Sie entweder **Per Device** (pro Gerät) oder **per User** (pro Nutzer) je nach Typ des erworbenen RDS CALs.





Activating by Telephone

	Activate Server Wizard
Connection Method Select the most appro	priate connection method.
The connection metho the Microsoft Clearing	od selected for license server activation will also be used to contact house when licenses are installed.
To change the conne the license server's Pr	ction method after activation, go to the Connection Method tab of operties dialog box.
Connection method:	
Telephone	·

Im Fenster zur Wahl der Verbindungsmethode ändern Sie die Verbindungsmethode auf **Telephone** und klicken Sie auf **Next**.





Activating by Telephone

Activate Se	erver Wizard
Country or Region Selection Select your Country or Region.	€
Country or Region:	
Togo Tokelau Tonga Trinidad and Tobago Turisia Turkey Turkmenistan Turke and Caicos Islands Tuvalu U.S. Minor Outlying Islands Uganda Ukraine	United Arab Emir United States Uniguay Uzbekistan Vanuatu Vatican City Venezuela Vetnam Virgin Islands Virgin Islands, Brit Wake Island
<	>

Auf dem Bildschirm zur Länderwahl wählen Sie bitte das gewünschte Land und die Region und klicken Sie Next.

Activating by Telephone

cense Server Activation Image: Cense Server ID. To activate your license server, please call Microsoft at this number: Image: Cense Server ID. To activate your license server, please call Microsoft at this number: Image: Reserver ID. To activate your license server, please call Microsoft at this number: Image: Reserver ID. For the most current list of telephone numbers, see http://go.microsoft.com/fwlink/ You will need your Product ID to complete this operation. Your Product ID is: Image: Reserver ID.	Activate Server Wizard	-
To activate your license server, please call Microsoft at this number: 888-571-2048 For the most current list of telephone numbers, see http://go.microsoft.com/fwlink/?lunkID=122174 You will need your Product ID to complete this operation. Your Product ID is:	icense Server Activation Enter the license server ID.	9
888-571-2048 For the most current list of telephone numbers, see <u>http://go.microsoft.com/fwlink/</u> <u>?LinkID=122174</u> . You will need your Product ID to complete this operation. Your Product ID is:	To activate your license server, please call Microsoft at this number:	
For the most current list of telephone numbers, see <u>http://go.microsoft.com/fwlink/</u> <u>?UnkID=122174</u> . You will need your Product ID to complete this operation. Your Product ID is:	888-571-2048	
You will need your Product ID to complete this operation. Your Product ID is:	For the most current list of telephone numbers, see <u>http://qo.microsoft.com</u> <u>?LinkID=122174</u> .	m/fwlink/
	You will need your Product ID to complete this operation. Your Product ID	is:
	The Microsoft Customer Support representative will provide you with a licer Type this ID in the following boxes.	nse server ID.
The Microsoft Customer Support representative will provide you with a license server ID. Type this ID in the following boxes.		

Im nächsten Step rufen Sie Microsoft unter der dort aufgeführten Telefonnummer an und geben Sie die **Product ID** an, die Ihnen das Fenster anzeigt. Microsoft wird Ihnen die **license server ID** durchgeben, welche Sie in die dafür vorgesehenen Boxen eintragen.

Sobald die Lizenzserver ID eingetragen ist klicken Sie auf Next.