How can i manage SSH-Keys ?

For Linux you can upload SSH Keys in the customer panel. This allows automatic deployment of keys on servers. Today this only is possible for Dedicated and Virtual Dedicated Server, not VPS.

Table of Contents

- Explaination
- Generate Keypair (on Client-PC)
 - <u>Linux</u>
 - <u>Windows</u>
- Manage key in the customer panel
 - Functions
 - <u>Procedere</u>

Explanation

For Authentification via Public-Key you need to create a key pair locally. This creates a private and public key. The private key remains secret and nobody else should get it. It stays on the local computer. The public key is being transferred to the server and is saved in the user account. After installation you can login onto the server without a password. Only the private key is needed and if given, a password for the private key.

If you already generated a key pair, please skip to how to manage keys in the <u>customer panel</u>.

Generate Keypair (on Client-PC)

Linux

<u>root@</u>computer:~\$ ssh-keygen -t rsa Generating public/private rsa key pair. Enter file in which to save the key (/root/.ssh/id_rsa):

(Can be left empty, id_rsa is the default key which is used if no extra key is specified for the server you trying to connect. See .ssh/config under <u>https://wiki.ubuntuusers.de/SSH/#ssh-config</u>

Enter passphrase (empty for no passphrase):

(Can be left empty, if you don't want to give the key an protective extra password.

Enter same passphrase again: Your identification has been saved in /root/.ssh/id_rsa.pub. The key fingerprint is: SHA256:hnr78vw478RsdihHGFd98489vcxbkjcfdk benutzer@laptop The key's randomart image is: +---[RSA 2048]----+

| | | .o. | | | | .O.O.o | | |

Page 1 / 7 © 2025 myLoc managed IT <faq@myloc.de> | 01.07.2025 05:22 URL: https://faq.myloc.de/index.php?action=faq&cat=3&id=371&artlang=en

I	.0.0.0
Ì	
ĺ	Ì
+	[SHA256]+

The contents which is relevant are being saved under /root/.ssh/id_rsa.pub

Windows								
Down <u>Putty</u>	load Putty: <u>Download</u>							
Open	"Puttygen" after install	ation:						
😴 ।	PuTTY Key Generator					?		\times
File	Key Conversions	Help						
No	y o key.							
Ac	tions							
Ge	enerate a public/private l	key pair				<u>G</u> ener	ate	
Lo	ad an existing private ke	y file				<u>L</u> oad	ł	
Sa	ave the generated key			Save	p <u>u</u> blic key	<u>S</u> ave priva	ate key	r
Pa	rameters							
Ty © Nu	npe of key to generate:) <u>R</u> SA O <u>D</u> SA umber of <u>b</u> its in a generat	ted key:	⊖ <u>e</u> cdsa	N.	○ Ed <u>2</u> 5519	◯ SSH 2048	- <u>1</u> (RS/	A)

Click on generate at Generate a public/private key pair:

Page 2 / 7 © 2025 myLoc managed IT <faq@myloc.de> | 01.07.2025 05:22 URL: https://faq.myloc.de/index.php?action=faq&cat=3&id=371&artlang=en



File Key Conversions

Help

? X

Key				
Please generate some randomness	by moving t	the mou	se over the bla	nk area.
Actions				
Generate a public/private key pair				<u>G</u> enerate
Load an existing private key file				<u>L</u> oad
Save the generated key		Save	p <u>u</u> blic key	<u>S</u> ave private key
Parameters				
Type of key to generate:	⊖ <u>e</u> cds	A	O Ed <u>2</u> 5519	◯ SSH- <u>1</u> (RSA)
Number of <u>b</u> its in a generated key:				2048

Move the mouse in the window in random circles until it generated enough random randomness:



? ×

File Key Conversions Help

Key						
Public key for pasting into OpenSSH authorized_keys file:						
ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAiWDbBEKok17FmO583+JNDiV +kgQN75rYqWZrXiI9PqqHgrbnmwDBPRz/UP/CP5c6U4dmWUUiJxpUXx +6AIST7T7S3OdGwGpeEomgWYgiLgPH8Neq9njuVDWMKdv/r3WggptOWDNyAsmg 2NHTjOUOPPAcof7mWfacTnLB0ykMI+J26KoyDj8G2sHpo +HMvEAtxGisFJU6T7TTJc51qofYjZjAzJh2eeTear6WpJMCSck3fsOxzJamm6GumR5S V						
Key fingerprint:	ssh-rsa 2048 0b:53:a7	58:69:d9:9d:13:bb:78:a	4:b7:7d:0e:01:e7			
Key <u>c</u> omment:	rsa-key-20210505					
Key p <u>a</u> ssphrase:						
Confirm passphrase:						
Actions						
Generate a public/priv	ate key pair		<u>G</u> enerate			
Load an existing private key file Load						
Save the generated k	еу	Save p <u>u</u> blic key	<u>S</u> ave private key			
Parameters						
Type of key to generate Type of key to gen	te: <u>D</u> SA <u>E</u> CDS	A O Ed <u>2</u> 5519	○ SSH- <u>1</u> (RSA)			
Number of <u>b</u> its in a ge	nerated key:		2048			

Public Key:

The important part is the public key. You can find it in the top there it says "Public key for pasting into OpenSSH authorized_keys file:"

Copy the block (important: more lines than you can see without scrolling). This block is important for the customer panel.

Saving via the button "Save public key" is not meant for linux, it is a format only for putty itself.

Private Key:

Now there are two important formats.

To save the private key in OpenSSH format(compatible with linux clients), click at the top on Conversions and then "Export OpenSSH Key"

To generate the private key for the use with Putty with a windows client, click at "Save private key" in the bottom. It saves a .ppk file. This is for putty.

On how to connect follow this how to: myLoc managed IT AG - FAQ - How do I connect to my Linux server ?

Manage key in the customer panel

You can find the feature under personal data, SSH Keys:



In the beginning it is empty. First click on Add SSH Key:

Customer Area Logged in as (CD)						
Home Contracts / I	Billing +	My Products	+	Domains +	Support +	Account +
Home / Account / SSH Keys SSH Keys						
Personal Information	Description or UUID			Q s	earch	+ Add SSH key
Change Password	We could not find a	any SSH keys with th	is descriptic	on or UUID		
Two Factor Authentication						
Privacy						
Service Code						
SSH Keys						

Functions

They keys can be "standard"-key, this means that default every contract or single contracts get the key.

You can also add keys to sub-user.

Sub-user also have the opportunity to manage keys, but they can not add this key as "default" key or add them for other sub-users.

Sub-user also can only add keys to the contracts they got access to.

Page 5 / 7 © 2025 myLoc managed IT <faq@myloc.de> | 01.07.2025 05:22 URL: https://faq.myloc.de/index.php?action=faq&cat=3&id=371&artlang=en

Sub-user Sub-User can create keys but you as the direct customer can completely manage the keys of your sub-users.

Procedere

Give the key a unique description and add the public key which was copied from puttygen (Windows) or ssh-keygen (Linux) before into the field "key". Choose the contract or sub-user in the lower part. They key is added during the (re)installation process of the server.

Customer Area Logged	d in as ') ()					
Home Contracts /	Billing + My Products + Dom	ains + Support + Account +				
Home / Account / SSH Keys / Add S	SH key					
SSH Keys						
Personal Information	Description					
Change Descuard						
	Key					
Two Factor Authentication						
Privacy						
Service Code						
SSH Keys						
1						
	Mark as default A SSH Key marked as default will automatically assigned to any future contract (re-)installed.	t. Furthermore, it will be added to each existing contract if it happens to be				
	Available contracts	Selected contracts				
	Showing all 3	Empty list				
	Filter	Filter				
	>>	<<				
	Gruchsia.tastwebserver.de Gruchsia.tastwebserver.de Gruchsia.servdiscount-customer.com Gruchsia.dedi.server-hosting.expert					
	*	*				
	Available sub-users	Selected sub-users				
	Empty list	Empty list				
	Filter	Filter				
	>>	<<				
	^	<u>^</u>				

Page 6 / 7 © 2025 myLoc managed IT <faq@myloc.de> | 01.07.2025 05:22 URL: https://faq.myloc.de/index.php?action=faq&cat=3&id=371&artlang=en

Unique solution ID: #1545 Author: Patrick Krämer Last update: 2021-11-19 09:22

> Page 7 / 7 © 2025 myLoc managed IT <faq@myloc.de> | 01.07.2025 05:22 URL: https://faq.myloc.de/index.php?action=faq&cat=3&id=371&artlang=en