## SSH connection with Putty

Install the software Putty from putty.org (Via "Download it here" and then in the top box the 64-bit installer. See figure 1).

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This page contains download links for the latest released version of PuTTY. Currently this is 0.73, released on 2019-09-29.

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version <u>snapshots</u>, to see if the problem has already been fixed in those versions.

Package file	25			
You probably (Not sure whe	want one of these. They include versions of a ther you want the 32-bit or the 64-bit version	ll the PuTTY utili ? Read the <u>FAQ e</u>	ties. 1 <u>try</u> .)	
MSI ('Windo	ws Installer')			
32-bit:	putty-0.73-installer.msi	(or by FTP)	(signature)	
64-bit:	putty-64bit-0.73-installer.msi	(or by FTP)	(signature)	
Unix source a	rchive			
.tar.gz:	putty-0.73.tar.gz	(or by FTP)	(signature)	

Figure 1

After Putty is now installed, start the software. Then enter "bastion.desy.de" under "Host Name". (Figure 2)

- Session	Basic options for your PuTTY session			
Logging Terminal	Specify the destination you want to connect to Host Name (or IP address)			
- Bell Features	bastion.desy.de Connection type: ○ Ra <u>w</u> ○ <u>I</u> elnet ○ Rlogin ●	22 <u>S</u> SH () Serja		
Appearance Behaviour Translation Selection	Load, save or delete a stored session Saved Sessions			
Colours Connection Data	-	Load Sa <u>v</u> e		
Proxy Telnet Rlogin		<u>D</u> elete		
in SSH Serial	Close window on e <u>xi</u> t: Always Never  Only	on clean <mark>e</mark> xit		

Now open the item "SSH" on the left and open the menu item "Tunnels". There you have to enter a number between 5,000 and 8,000 as "Source Port". As "Destination" enter the destination computer to which you want to connect remotely, as follows "RECHNERNAME.desy.de:3389". Please replace RECHNERNAME with the name of the destination computer. (Figure 3)

Features	^	Options controlling SSH port forwarding			
Window Appearance Behaviour Translation		Port forwarding Duccal ports Remote port Forwarded ports	accept connection is do the same (SS s:	ns from other hosts SH-2 only)	
Connection Data					
Telnet		Add new forwarded port:			
Rlogin		Source port	5000	Add	
i nogin		Destination	RECHNERNAME.desy.de:3389		
SSH		Destination	RECHNERN/	AME.desy.de:3389	
E-SSH Kex Host keys Cipher		Destination Local Auto	RECHNERN/ Remote IPv4	AME.desy.de:3389 ODynamic OIPv6	
SSH     Kex     Host keys     Cipher     Auth     TTY     X11     Tunnels     Bugs     More bugs	~	Destination (e) Local (e) Auto	RECHNERN/ Remote IPv4	AME.desy.de:3389 O Dynamic O IPv6	

## Figure 3

Now you can go back to "Sessions" in the bar at the top left. Now enter a name for the session and click on "Save". This way Putty saves the settings and in the future you only have to select this session and click on "Load". Afterwards go to "Open" at the bottom and thus start the connection to "bastion.desy.de". (Figure 4).



The DESY account name and the corresponding password must be entered there. (Figure 5).



Figure 5

Now open the "Remote Desktop Connection" (Remotedesktopverbindung) - software. This can usually be found under "Accessories". Now enter "localhost:XXXX" as the destination (Computer). (XXXX corresponds to the number between 5,000 and 8,000 that you have previously entered in Putty). When connecting, you will have to enter your accountname (Benutzername) again with WIN\ACCOUNTNAME and the corresponding password if necessary. Now the remote session opens on the target computer. (Figure 6).

	verbind	lung				
emein	Anzeige Lokale	e Ressourcen Leistung E	irweitert			
nmelde	einstellungen					
	Geben Sie den Namen des Remotecomputers ein.					
-	Computer:	localhost:5000	~			
	Benutzername:	WINVACCOUNTNAME				
	Anmeldeinforma	eer verbindung werden Sie : tionen aufgefordert. er Anmeldeinformationen zula	zum Eingeben von assen			
erbindu	ngseinstellungen					
	Speichem Sie die aktuellen Einstellungen in einer RDP-Datei, oder öffnen Sie eine gespeicherte Verbindung.					
L			Offnen			

Figure 6