# HIG's Remote Desktop Services (RDS) on Linux

2025-02-26 Göran Sandström, Version 1.3 2021-04-12 Göran Sandström, Version 1.2 2020-11-15 Anders Ohlsson, Version 1.1 2015-03-16 Göran Sandström, Mikael Zewgren, Version 1.0

## **About RDS**

Remote Desktop Services is a way of working on a computer (server) on the campus network regardless of your geographic location.

You are logged onto a server at the University of Gävle as if you would have been sitting by it. You see what is shown on the server's display on your own monitor as well as mouse movements and keyboard keystrokes on your local machine are sent to the server.

## **System Requirements**

#### PC, Mac, iPad and Android

Remote Desktop Services works directly with Windows clients without any installations. With Microsoft's free downloadable application "Microsoft Remote Desktop" full RDS functionality is obtained also on Mac computers and tablets (iPad and Android).

#### Linux

Microsoft has not released any application for Remote Desktop for Linux, but there are several applications available with support for the Remote Desktop Protocol (RDP). The most developed one seems to be Remmina and is the one used in this instruction.

## **Using Linux and Microsoft Remote Desktop**

## Installation

Install the latest version of Ubuntu, update and install/update latest version of Remmina.

# **Connect to RDS through GUI in Remmina**

Log on to <u>https://remote.hig.se</u> with your username and password.

Download the "Full Desktop – Main Servers" RDP-file.

	💀 RD Web Access
University of Gävle - Remote Desktop	
RemoteApp and Desktops   Desktops (Mac, iPad, Android, Windows)	Instructions (Help) Sign out
Full Remote Desktop for Mac OS, iOS, Android and Windows   Mac: Import configuration files below into the Remote Desktop Client. See PDF-dokumentation under the Tal   Android iPad och PC: Choose to onen the configuration fil in Remote Desktop Client. See PDF-dokumentation   Full Desktop - Main Servers   Full Desktop - Windows 10 Pool	b Instructions (Help). n under the Tab Instructions (Help).
Remote Desktop Web Client This is a variant of Remote Desktop that only requires a modern web browser. Works with Microsoft Edge, Go macOS, ChromeOS and Linux. It has most of the functionality in Remote Desktops apps, although not mappin <u>Remote Desktop Web Client</u>	oogle Chrome, Mozilla Firefox and Safari on Windows, ng of local drives.
Full Remote Desktop for Linux Linux (Remmina): Import the Mac/Win configuration files above into Remmina. After import, edit the configuration and checkmark "Enable multitransport protocol (UDP)" n the Advanced t	tab. See <u>Remote Desktop Services on Linux</u> .
Windows Server* 2019	Microsoft

Drag the downloaded "MainCollection.rdp to Remmina.



Edit the imported configuration. Go to Advanced settings, check "Enable multitransport protocol (UDP)" and save.

		R	emote Connection Profile	×
Name		VM-RDSBROKER	-02.HIG-AD.HIG.SE	
Group				~
Labels				
Protocol		RDP - Remot	e Desktop Protocol	~
Basic	Advanced	Behavior SSH Tu	nnel Notes	
			Prefer IPv6 AAAA record over IPv4 A record	
🔽 Share	e printers		Share serial ports	
(SELinux) permissive mode for serial ports			Share parallel ports	
Share	e a smart card		Turn off clipboard sync	
	e certificate		Use the old license workflow	
Forge	et passwords a	fter use	Attach to console (2003/2003 R2)	
Turn	off fast-path		< Server detection using Remote Desktop Gateway	
Use system proxy settings			Turn off automatic reconnection	
🗌 Relax order checks			Glyph cache	
🔽 Enab	le multitranspo	ort protocol (UDP)	Use base credentials for gateway too	
🗌 Enab	le Gateway wel	bsockets support	Update framebuffer even when not visible	

## Double click the imported connection.

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In the "Enter RDP gateway authentication credentials" requester, enter your username, password and "HIG-AD" as domain, then click OK.

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If you see requesters asking you to accept certificates, answer Yes.



In the "Enter RDP authentication credentials" requester, enter your username, password and HIG-AD then click OK.

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If you see requesters asking you to accept certificates, answer Yes.



## Network storage and access from the remote computer to your local disks

You can copy and open documents located in your local computer from the RDS server. This applies to both fixed disks and USB flash drives that are connected during the session. It is, however, lower performance from these devices. The primary way to work with data is to have it stored on HiGs network storage, such as your home directory H. See photo below.

We recommend that you copy your local documents to H before working with them. In this way, the application t is not affected if your remote desktop connection is temporarily interrupted.

