

## Remote Desktop Statistics Package

### A brief history

A while back I wanted a way to show our users how many people were logged in to each host in our Remote Desktop cluster. After many hours of research and a few of development, I came up with 'RDStat' – a simple program that ran quser.exe on a regular interval and pulled the data into a text file. The text file was then displayed as a series of bar charts when users logged in.

This proved to be popular – users could now see when they were accessing the servers at busy times and would logoff and do their work another time. Requests began coming in for this to be accessible *before* they logged into the server.

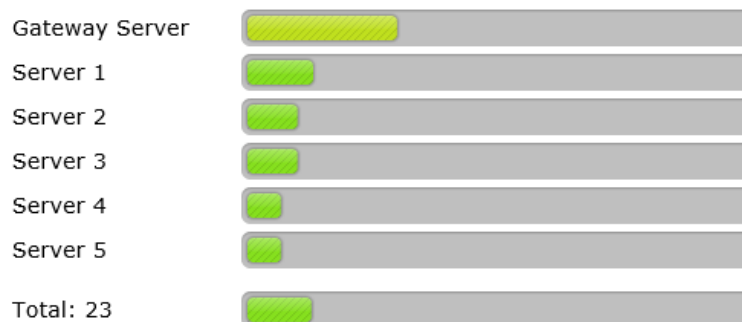
I modified the script that was polling quser to produce an html file instead – and served this up via IIS. Again, hugely popular but as always, users want more!

I've rewritten 'RDStat' several times over the past few years, but I think it is at a stage now where it is fit to be released for general consumption.

### What you get

Remote Desktop Statistics has several components, all of which can be embedded into a public-facing website should you wish.

'StatDesktop' – a small program that runs on start-up which displays to users the current load on the RD infrastructure.



'RDPGenerator' – a webapp that generates custom RDP files for users to download and run, saving them from (the horrors of) mstsc.exe:

Username:

Let me...

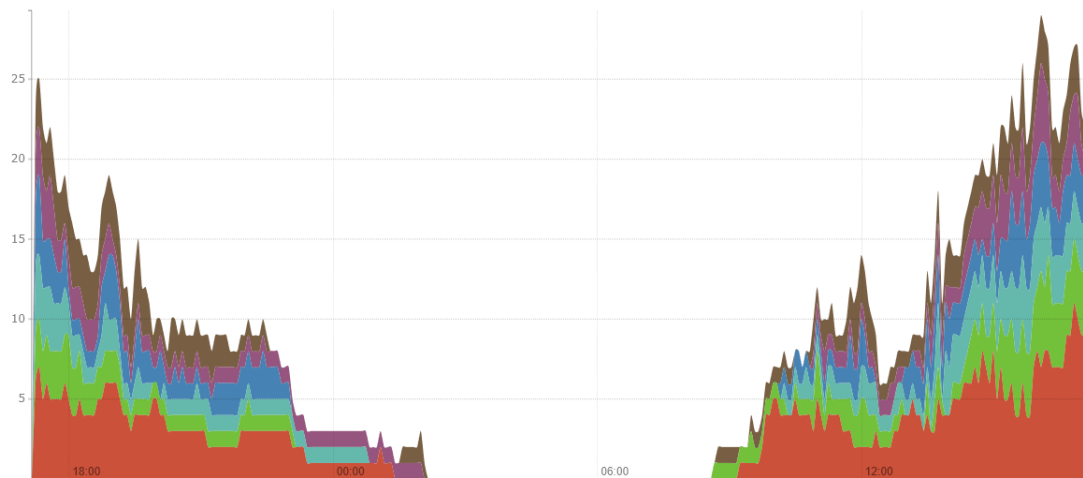
- Print to my home printer
- Copy and paste between computers
- Access drives connected to this computer
- Use load-balanced servers** (Recommended, unless you experience connection issues)

Connection Speed:

Display Type:

'HostHistory' – a component that logs access to the servers and (currently) produces graphs of the last 24-hours:

#### [Remote Access 24-Hour History](#)



'CurrentUsers' – simply reproduces the functionality of quser.exe but as a webpage:

#### [Currently Connected Users](#)

Domain Username	Clientname	State
<b>Gateway Server (RLEGATEWAY)</b>		
		Active
		Active
		Active
		Active
		Disconnected
		Disconnected
		Active
		Active
		Disconnected
<b>Server 1 (RLE1)</b>		
		Active
		Active
		Active
		Active

'RDPAutoSign' – a service that watches a given folder for new RDP files that meet a given criteria. It then signs the files using a designated certificate.

#### [Download and install](#)

You can download the binary RLE Stat Package along with all the supporting documentation below. It has been tested on a Windows Server 2012 R2 configuration.

[RLE Stat Package – ZIP \(includes everything\)](#)

[Overview \(this file\)](#)

[Configure and Install RLEStat](#)

[Configure and Install StatClient](#)

[Configure and Install StatDesktop](#)

[Configure your public site](#)

[Appendix A - RDPAutoSign](#)