

SSHRUN User Guide

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What's SSHRUN

SSHRUN is a bash script for easy and fast maintenance work with large number of servers. It allows you to run a list of commands on a list of destination hosts across SSH connection. Use of "sudo" on the destination host is supported.

How to use SSHRUN

```
./sshrun [filename_of_host_list]
```

Example:

```
./sshrun host_list.txt
```

will read first hostname in "**host_list.txt**", connect to that via SSH asking your password and run all commands from another file "sshrun-commands". Both hostlist file "**host_list.txt**" and command file "**sshrun-commands**" are ordinary text files created/modified by any editor. Sample file of both are included.

After completing all tasks for that host SSHRUN will start the same work cycle for the next host in the hostlist file. SSHRUN will do that "connect-run_all_commands-disconnect" cycle for all hosts in the hostlist file.

Default hostlist is "**host_list.txt**" if no name for hostlist is given (i.e. you type just ./sshrun to run). While running you see response to each command at the destination on your own terminal. Password requests (like resulting from "sudo") will come into your terminal. Please see "AUTOPASS" chapter below for an automatic responder to password enquiries.

Hostlist and command file

Hostlist file is a plain text file with one hostname or ip address per line. Command file is also simple text file allowing to use standard commands. There is however one thing to notice: Backslash character needs to be protected (i.e. "escaped"). Similar thing would happen with ' =single (i.e. "hard") quotation but SSHRUN takes care of that on behalf of you. Please see a sample command file for details.

Logfile

All the responses from destination host will be logged into "**sshrun_<date_time>.log**" file, for example "**sshrun_2013-08-04_12:52:26.log**". File format is standard text file.

SSHRUN and repeated password typing

Please see AUTOPASS User Guide if you want to type your password only once.