

RUSS v6 - ssh / sshr Server

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Introduction

Provide access to remote hosts using ssh.

Configuration

Section	Option	Value	Description
tool	exec	path	Path to alternative program to launch on remote host to support the connection/tunnel. Default is <code>/usr/bin/rutuns</code> for tunnel type, <code>/usr/bin/rutunsr</code> for tunnelr type, and <code>/usr/bin/rudial</code> for dial type.
	type	string	Type tool to use: tunnel, tunnelr, or dial (deprecated). Default is dial (which will be change to tunnel in future releases).

Usage

Normal relay (ssh):

```
Provides access to remote host using ssh.

/[<user>@]<host>[:<port>][<options>]/... <args>
  Connect to service ... at <user>@<host>:<port> using ssh.

Options:
?controlpersist=<seconds>
  Set ControlPersist time in seconds. Default is 1.
?controltag=<tag>
  Used to generate a ControlPath. Required to set up control
  master functionality (if available).
```

Clean relay (sshr):

```
Provides access to remote host using ssh.

Running as a clean relay.

/[<user>@]<host>[:<port>][<options>]/... <args>
  Connect to service ... at <user>@<host>:<port> using ssh.

Options:
?controlpersist=<seconds>
  Set ControlPersist time in seconds. Default is 1.
?controltag=<tag>
  Used to generate a ControlPath. Required to set up control
  master functionality (if available).
```

Examples

The following requires that your `~/.ssh/config` is configured with:

```
StrictHostKeyChecking no
```

Note: disabling host key checking reduces security by not failing on mismatched host keys. In a controlled, private network this is rarely a concern.

Execute a local command:

```
ruexec +/exec/simple /bin/hostname
```

Execute the same command on a remote machine:

```
ruexec +/ssh/mach1+/exec/simple /bin/hostname
```

Execute through multiple hops:

```
ruexec +/ssh/mach1+/ssh/mach2+/ssh/mach3+/exec/simple /bin/hostname
```

Get service help through multiple hops:

```
ruhhelp +/ssh/mach1+/ssh/mach2+/exec
```

Use a symlink to reduce the service path:

```
ln -s +/ssh/mach1+/ssh/mach2+/ssh/mach3 mach3  
ruexec mach3+/exec/simple /bin/hostname
```

or make it even shorter:

```
ln -s +/ssh/mach1+/ssh/mach2+/ssh/mach3+/exec/simple m3s  
ruexec m3s /bin/hostname
```