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# Windows 10 OpenSSH Equivalent of ssh-copy-id

Christopher Hart on May 24, 2020

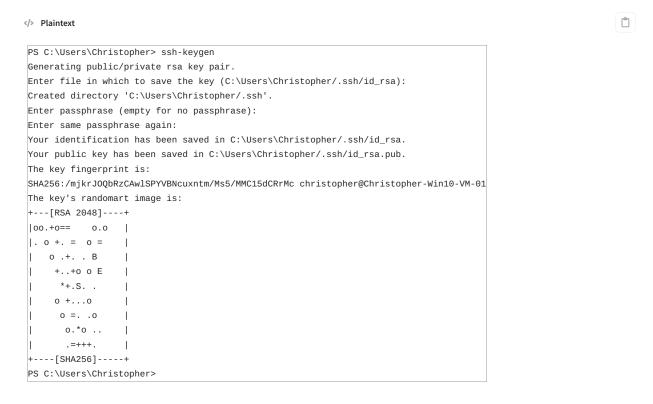
2 min read

At the moment, Windows 10's implementation of the OpenSSH client does not have the ssh-copy-id command available. However, a PowerShell one-line command can mimic the ssh-copy-id command and allow you to copy an SSH public key generated by the ssh-keygen command to a remote Linux device for passwordless login.

## Generate an SSH Key

**Note:** If you have already generated an SSH keypair that you would like to use, skip this section and proceed to the <u>Copy SSH Key to</u> Remote Linux Device section.

First, open a new PowerShell window (*not* a Command Prompt window!) and generate a new SSH keypair with the ssh-keygen command. By default, the public and private keys will be placed in the <code>%USERPROFILE%/.ssh/</code> directory. The public key file we are interested in is named <code>id\_rsa.pub</code>.



# Copy SSH Key to Remote Linux Device

Next, we use the below PowerShell one-line command to copy the contents of the id\_rsa.pub public key to a remote Linux device. Replace the {IP-ADDRESS-OR-FQDN} with the IP address or FQDN (Fully Qualified Domain Name) of the remote Linux device you would like to copy the public key to.

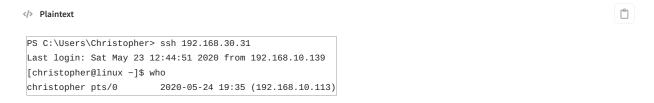
Plaintext
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### Test Passwordless SSH Connectivity to Remote Linux Device

Finally, verify that you can SSH to the remote Linux device with the ssh command. An example to a remote Linux device at IP address 192.168.30.31 is shown below. Note how a password did not need to be entered in order for us to establish SSH connectivity to the remote Linux device.



#### References

The instructions for this blog post were heavily inspired by Scott Hanselman's blog post on the subject.

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