VS Code Remote SSH

- VS Code Remote SSH extension allows direct connections to remote hosts securely using SSH
VS Code Remote

- Search Extensions for Remote SSH by Microsoft
- Install
- May have to restart VS Code after installing
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• Click on the funky little `>` icon in the lower left of a window

• This opens the Connect to Host… menu

• Click on”Connect to Host…”
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• The first time you likely won’t have any SSH configuration

• Click on “+ Add New SSH Host…”
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- Click on the first file path in the list
- It should be a config file inside your user’s home directory
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- This will open a config file you can add remote SSH configuration to

- We’ll replace the “alias”, “hostname” and “user” with ones for our EC2 host
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• We’ll replace the “alias”, “hostname” and “user” with ones for our EC2 host

• We need to add one more config option, pointing to our private key file for the labs environment

• Add “IdentityFile”
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- To get the path to the private key file, right-click on the file and choose “Copy Path” from the popup.
- Use the full path and not the Relative Path.
- Save!
• Click on the >> Remote Connection footer, and “Connect to Host…” again

• This time our new SSH Host Config will show up in the popup

• Click on it
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• A new window will open and start connecting to the remote host
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• Just like connecting on the CLI for the first time, you have to accept the host’s fingerprint each time you connect to a new IP address

• Click “Continue”
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• If everything works, you’ll be connected!

• You can see this in the terminal window
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• Click on the “Open Folder” button in the left sidebar

• Open the ec2-user home folder
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- You can see the remote files on the EC2 instance
- At this point you can create and edit files directly on the remote host, and run commands and programs remotely