login as: pi

pi@192.168.137.24's password:

Linux raspberrypi 5.10.17-v7+ #1403 SMP Mon Feb 22 11:29:51 GMT 2021 armv7l

The programs included with the Debian GNU/Linux system are free software;

the exact distribution terms for each program are described in the

individual files in /usr/share/doc/\*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent

permitted by applicable law.

Last login: Wed Apr 14 14:10:25 2021

SSH is enabled and the default password for the 'pi' user has not been changed.

This is a security risk - please login as the 'pi' user and type 'passwd' to set a new password.

pi@raspberrypi:~ $ sudo pip3 install boto3

Looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple

Collecting boto3

Downloading https://files.pythonhosted.org/packages/aa/98/e9459d65ad8ab27886bf 9d86a537e6f65b5bdbc4c7de68ba45b524ef74a1/boto3-1.17.52-py2.py3-none-any.whl (131 kB)

100% |████████████████████████████████| 133kB 173kB/s

Collecting s3transfer<0.4.0,>=0.3.0 (from boto3)

Downloading https://files.pythonhosted.org/packages/00/89/0cb4e92c239e6425b9b0 035227b8cdf9d3d098a5c9e95632c3815df63a09/s3transfer-0.3.7-py2.py3-none-any.whl ( 73kB)

100% |████████████████████████████████| 81kB 70kB/s

Collecting jmespath<1.0.0,>=0.7.1 (from boto3)

Downloading https://files.pythonhosted.org/packages/07/cb/5f001272b6faeb23c1c9 e0acc04d48eaaf5c862c17709d20e3469c6e0139/jmespath-0.10.0-py2.py3-none-any.whl

Collecting botocore<1.21.0,>=1.20.52 (from boto3)

Retrying (Retry(total=4, connect=None, read=None, redirect=None, status=None)) after connection broken by 'ProtocolError('Connection aborted.', RemoteDisconne cted('Remote end closed connection without response'))': /simple/botocore/

Downloading https://files.pythonhosted.org/packages/8f/f3/be57d6b74618db08bcc6 7be52da014c8d12132fedb1d12457c386b7be373/botocore-1.20.52-py2.py3-none-any.whl ( 7.4MB)

100% |████████████████████████████████| 7.4MB 27kB/s

Collecting python-dateutil<3.0.0,>=2.1 (from botocore<1.21.0,>=1.20.52->boto3)

Downloading https://files.pythonhosted.org/packages/d4/70/d60450c3dd48ef875869 24207ae8907090de0b306af2bce5d134d78615cb/python\_dateutil-2.8.1-py2.py3-none-any. whl (227kB)

100% |████████████████████████████████| 235kB 51kB/s

Collecting urllib3<1.27,>=1.25.4 (from botocore<1.21.0,>=1.20.52->boto3)

Downloading https://files.pythonhosted.org/packages/09/c6/d3e3abe5b4f4f16cf0df c9240ab7ce10c2baa0e268989a4e3ec19e90c84e/urllib3-1.26.4-py2.py3-none-any.whl (15 3kB)

100% |████████████████████████████████| 153kB 95kB/s

Requirement already satisfied: six>=1.5 in /usr/lib/python3/dist-packages (from python-dateutil<3.0.0,>=2.1->botocore<1.21.0,>=1.20.52->boto3) (1.12.0)

Installing collected packages: python-dateutil, jmespath, urllib3, botocore, s3t ransfer, boto3

Found existing installation: urllib3 1.24.1

Not uninstalling urllib3 at /usr/lib/python3/dist-packages, outside environm ent /usr

Can't uninstall 'urllib3'. No files were found to uninstall.

Successfully installed boto3-1.17.52 botocore-1.20.52 jmespath-0.10.0 python-dat eutil-2.8.1 s3transfer-0.3.7 urllib3-1.26.4

pi@raspberrypi:~ $ sudo pip3 install awscli

Looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple

Collecting awscli

Downloading https://files.pythonhosted.org/packages/69/60/b865ce91eb8965746cc6 73bc35eac63fe51aed41a757401e1c8bbb6534c9/awscli-1.19.52-py2.py3-none-any.whl (3. 6MB)

100% |████████████████████████████████| 3.6MB 68kB/s

Collecting PyYAML<5.5,>=3.10 (from awscli)

Downloading https://files.pythonhosted.org/packages/a0/a4/d63f2d7597e1a4b55aa3 b4d6c5b029991d3b824b5bd331af8d4ab1ed687d/PyYAML-5.4.1.tar.gz (175kB)

100% |████████████████████████████████| 184kB 252kB/s

Installing build dependencies ... done

Collecting rsa<4.8,>=3.1.2; python\_version > "2.7" (from awscli)

Downloading https://files.pythonhosted.org/packages/e9/93/0c0f002031f18b53af7a 6166103c02b9c0667be528944137cc954ec921b3/rsa-4.7.2-py3-none-any.whl

Requirement already satisfied: docutils<0.16,>=0.10 in /usr/lib/python3/dist-pac kages (from awscli) (0.14)

Requirement already satisfied: colorama<0.4.4,>=0.2.5 in /usr/lib/python3/dist-p ackages (from awscli) (0.3.7)

Requirement already satisfied: s3transfer<0.4.0,>=0.3.0 in /usr/local/lib/python 3.7/dist-packages (from awscli) (0.3.7)

Requirement already satisfied: botocore==1.20.52 in /usr/local/lib/python3.7/dis t-packages (from awscli) (1.20.52)

Collecting pyasn1>=0.1.3 (from rsa<4.8,>=3.1.2; python\_version > "2.7"->awscli)

Downloading https://files.pythonhosted.org/packages/62/1e/a94a8d635fa3ce4cfc7f 506003548d0a2447ae76fd5ca53932970fe3053f/pyasn1-0.4.8-py2.py3-none-any.whl (77kB )

100% |████████████████████████████████| 81kB 402kB/s

Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in /usr/local/lib/pyt hon3.7/dist-packages (from botocore==1.20.52->awscli) (2.8.1)

Requirement already satisfied: jmespath<1.0.0,>=0.7.1 in /usr/local/lib/python3. 7/dist-packages (from botocore==1.20.52->awscli) (0.10.0)

Requirement already satisfied: urllib3<1.27,>=1.25.4 in /usr/local/lib/python3.7 /dist-packages (from botocore==1.20.52->awscli) (1.26.4)

Requirement already satisfied: six>=1.5 in /usr/lib/python3/dist-packages (from python-dateutil<3.0.0,>=2.1->botocore==1.20.52->awscli) (1.12.0)

Building wheels for collected packages: PyYAML

Running setup.py bdist\_wheel for PyYAML ... done

Stored in directory: /root/.cache/pip/wheels/2a/d4/92/cf299bdf4162957ca8126b46 e913e29f76a4f17ca762c45028

Successfully built PyYAML

Installing collected packages: PyYAML, pyasn1, rsa, awscli

Successfully installed PyYAML-5.4.1 awscli-1.19.52 pyasn1-0.4.8 rsa-4.7.2

pi@raspberrypi:~ $ aws configure

AWS Access Key ID [None]: AKIAQX3FXA7WX2GQ5TGM

AWS Secret Access Key [None]: 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

Default region name [None]: ap-northeast-2

Default output format [None]: json

pi@raspberrypi:~ $ sudo pip install pip --upgrade

Looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple

Collecting pip

Downloading https://files.pythonhosted.org/packages/27/79/8a850fe3496446ff0d58 4327ae44e7500daf6764ca1a382d2d02789accf7/pip-20.3.4-py2.py3-none-any.whl (1.5MB)

100% |████████████████████████████████| 1.5MB 94kB/s

Installing collected packages: pip

Found existing installation: pip 18.1

Not uninstalling pip at /usr/lib/python2.7/dist-packages, outside environmen t /usr

Can't uninstall 'pip'. No files were found to uninstall.

Successfully installed pip-20.3.4

pi@raspberrypi:~ $ sudo pip install boto3

DEPRECATION: Python 2.7 reached the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 is no longer maintained. pip 21.0 will drop s upport for Python 2.7 in January 2021. More details about Python 2 support in pi p can be found at https://pip.pypa.io/en/latest/development/release-process/#pyt hon-2-support pip 21.0 will remove support for this functionality.

Looking in indexes: https://pypi.org/simple, https://www.piwheels.org/simple

Collecting boto3

Using cached boto3-1.17.52-py2.py3-none-any.whl (131 kB)

Collecting botocore<1.21.0,>=1.20.52

Using cached botocore-1.20.52-py2.py3-none-any.whl (7.4 MB)

Collecting jmespath<1.0.0,>=0.7.1

Using cached jmespath-0.10.0-py2.py3-none-any.whl (24 kB)

Collecting s3transfer<0.4.0,>=0.3.0

Using cached s3transfer-0.3.7-py2.py3-none-any.whl (73 kB)

Collecting urllib3<1.27,>=1.25.4

Using cached urllib3-1.26.4-py2.py3-none-any.whl (153 kB)

Collecting python-dateutil<3.0.0,>=2.1

Using cached python\_dateutil-2.8.1-py2.py3-none-any.whl (227 kB)

Collecting futures<4.0.0,>=2.2.0; python\_version == "2.7"

Downloading futures-3.3.0-py2-none-any.whl (16 kB)

Requirement already satisfied: six>=1.5 in /usr/lib/python2.7/dist-packages (fro m python-dateutil<3.0.0,>=2.1->botocore<1.21.0,>=1.20.52->boto3) (1.12.0)

Installing collected packages: jmespath, urllib3, python-dateutil, botocore, fut ures, s3transfer, boto3

Attempting uninstall: urllib3

Found existing installation: urllib3 1.24.1

Uninstalling urllib3-1.24.1:

Successfully uninstalled urllib3-1.24.1

Successfully installed boto3-1.17.52 botocore-1.20.52 futures-3.3.0 jmespath-0.1 0.0 python-dateutil-2.8.1 s3transfer-0.3.7 urllib3-1.26.4

pi@raspberrypi:~ $ python3 --version

Python 3.7.3

pi@raspberrypi:~ $ pip list

DEPRECATION: Python 2.7 reached the end of its life on January 1st, 2020. Please upgrade your Python as Python 2.7 is no longer maintained. pip 21.0 will drop s upport for Python 2.7 in January 2021. More details about Python 2 support in pi p can be found at https://pip.pypa.io/en/latest/development/release-process/#pyt hon-2-support pip 21.0 will remove support for this functionality.

Package Version

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arandr 0.1.9

asn1crypto 0.24.0

automationhat 0.2.0

blinker 1.4

blinkt 0.1.2

boto3 1.17.52

botocore 1.20.52

buttonshim 0.0.2

Cap1xxx 0.1.3

certifi 2018.8.24

chardet 3.0.4

Click 7.0

colorama 0.3.7

colorzero 1.1

configparser 3.5.0b2

cookies 2.2.1

cryptography 2.6.1

dnspython 1.16.0

drumhat 0.1.0

entrypoints 0.3

enum34 1.1.6

envirophat 1.0.0

ExplorerHAT 0.4.2

Flask 1.0.2

fourletterphat 0.1.0

funcsigs 1.0.2

futures 3.3.0

gpg 1.12.0

gpiozero 1.5.1

idna 2.6

ipaddress 1.0.17

itsdangerous 0.24

Jinja2 2.10

jmespath 0.10.0

keyring 17.1.1

keyrings.alt 3.1.1

MarkupSafe 1.1.0

microdotphat 0.2.1

mock 2.0.0

mote 0.0.4

motephat 0.0.3

numpy 1.16.2

oauthlib 2.1.0

olefile 0.46

pantilthat 0.0.7

pbr 4.2.0

phatbeat 0.1.1

pianohat 0.1.0

picamera 1.13

piglow 1.2.5

pigpio 1.78

Pillow 5.4.1

pip 20.3.4

pycairo 1.16.2

pycrypto 2.6.1

pygame 1.9.4.post1

PyGObject 3.30.4

pyinotify 0.9.6

PyJWT 1.7.0

pyOpenSSL 19.0.0

pyserial 3.4

python-dateutil 2.8.1

pyxdg 0.25

rainbowhat 0.1.0

requests 2.21.0

requests-oauthlib 1.0.0

responses 0.9.0

RPi.GPIO 0.7.0

RTIMULib 7.2.1

s3transfer 0.3.7

scrollphat 0.0.7

scrollphathd 1.2.1

SecretStorage 2.3.1

sense-hat 2.2.0

setuptools 40.8.0

simplejson 3.16.0

six 1.12.0

skywriter 0.0.7

sn3218 1.2.7

spidev 3.4

touchphat 0.0.1

twython 3.7.0

unicornhathd 0.0.4

urllib3 1.26.4

Werkzeug 0.14.1

wheel 0.32.3

pi@raspberrypi:~ $ python3

Python 3.7.3 (default, Jan 22 2021, 20:04:44)

[GCC 8.3.0] on linux

Type "help", "copyright", "credits" or "license" for more information.

>>> import boto3

>>> s3 = boto3.resource('s3')

>>> for bucket in s3.buckets.all():

... print(bucket.name)

...

babo-test1

>>> bucket\_name = "babo-test1"

>>> file\_name = "/home/pi/pyLabs/output.wav"

>>> s3.upload\_file(file\_name, bucket\_name, file\_name)

>>> exit()