Thanks a lot for writing back to AWS Premium Support! From the previous correspondence, I understood that you would like to transfer file from S3 to EFS and vice versa from inside a lambda function. You can perform the transfer of files from S3 to EFS by using the lambda's temporary directory. 1. from S3 to EFS ---> s3://mybucket/test1.txt ---- to ... /mnt/lambda For this you can initially download the S3 files to the lambda's /tmp directory and then from /tmp directory you can transfer the file to the EFS file system directory. 2. from EFS to S3 ---> /mnt/lambda/test1.txt ---- to .... s3://mybucket For this you can get the file from the EFS file system to the /tmp directory of the lambda function and then upload the file to the S3 bucket. Please note that the /tmp directory in the lambda function has a fixed size of 512 MB[1]. I've tried to test by using the attached "aws cli" zip file as a layer and the aws cli commands are working fine on my end. Please note that you don't need to use the "import awscli.clidriver" and please run the aws cli as follows. For example if I want to check the S3 bucket list: "/opt/aws s3 ls" Following is the code that I've successfully executed: =========================================================================== import subprocess import logging import os logger = logging.getLogger() logger.setLevel(logging.INFO) def run\_command(command): command\_list = command.split(' ') try: logger.info("Running shell command: \"{}\"".format(command)) result = subprocess.run(command\_list, stdout=subprocess.PIPE); logger.info("Command output:\n---\n{}\n---".format(result.stdout.decode('UTF-8'))) except Exception as e: logger.error("Exception: {}".format(e)) return False return True def lambda\_handler(event, context): run\_command('/opt/aws s3 ls') =========================================================================== In case you have any further queries or concerns, please feel free to reach out to me and I will be more than happy to assist you! Have a great day! <https://aws.amazon.com/blogs/compute/choosing-between-aws-lambda-data-storage-options-in-web-apps/>To see the file named 'awscli-lambda-layer.zip' included with this correspondence, please use the case link given below the signature. We value your feedback. Please share your experience by rating this correspondence using the AWS Support Center link at the end of this correspondence. Each correspondence can also be rated by selecting the stars in top right corner of each correspondence within the AWS Support Center. Best regards, Aditya G. Amazon Web Services =============================================================== To share your experience or contact us again about this case, please return to the AWS Support Center using the following URL: Note, this e-mail was sent from an address that cannot accept incoming e-mails. To respond to this case, please follow the link above to respond from your AWS Support Center. =============================================================== AWS Support: <https://aws.amazon.com/premiumsupport/knowledge-center/>AWS Documentation: <https://docs.aws.amazon.com/>AWS Cost Management: <https://aws.amazon.com/aws-cost-management/>AWS Training: <http://aws.amazon.com/training/>AWS Managed Services: <https://aws.amazon.com/managed-services/>

Attachments  
[awscli-lambda-layer.zip](https://console.aws.amazon.com/support/downloadAttachment?attachmentId=attachment-UKKdPR0-U1NLIGBzswXouycaeo27VJc97A5MQyab3xaU2Ywlutgt5j0-eL8eJdtnEJVIzDj6324Rt0-nxhxs0-rKHofG0-GHhzDsBJCZnDOsfVOsbSu4raurvRyLFn6LpGZCILBKhku6GlsQjdO3BtgGIPadrZg4YF0-e0-pVzwxrgwa6O2pRc0-eO7LDE3Tljcszg9a)