AWS CLI access

We use the saml2aws application to provide temporary CLI access credentials which can be found here: <https://github.com/Versent/saml2aws/>

version 2.27.1 has been tested and confirmed working.

Download saml2aws as below:

$ CURRENT\_VERSION=2.27.1

$ wget https://github.com/Versent/saml2aws/releases/download/v${CURRENT\_VERSION}/saml2aws\_${CURRENT\_VERSION}\_linux\_amd64.tar.gz

$ tar -xzvf saml2aws\_${CURRENT\_VERSION}\_linux\_amd64.tar.gz -C ~/.local/bin

$ chmod u+x ~/.local/bin/saml2aws

$ saml2aws --version

next create a saml2aws config file in your home directory ~/.saml2aws containing:

[default]

app\_id = xxx-xxx-xxx-xxx

url = https://account.activedirectory.windowsazure.com

username = <username>@cdap.online

provider = AzureAD

mfa = PhoneAppOTP

skip\_verify = false

timeout = 0

aws\_urn = urn:amazon:webservices

aws\_session\_duration = 3600

aws\_profile = ERPL

resource\_id =

subdomain =

role\_arn =

region = ap-southeast-2

http\_attempts\_count =

http\_retry\_delay =

Login is completed using: ~/.local/bin/saml2aws login

$ ~/.local/bin/saml2aws login

Using IDP Account default to access AzureAD https://account.activedirectory.windowsazure.com

To use saved password just hit enter.

? Username <username>@cdap.online

? Password \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Authenticating as <username>@cdap.online ...

? Enter verification code 111111

Selected role: arn:aws:iam::<removed>:role/<Role>

Requesting AWS credentials using SAML assertion

Logged in as: arn:aws:sts::<removed>:assumed-role/<Role>/<username>@cdap.online

Your new access key pair has been stored in the AWS configuration

Note that it will expire at 202x-xx-xx xx:xx:xx +1000 AEST

To use this credential, call the AWS CLI with the --profile option (e.g. aws --profile ERPL ec2 describe-instances).

$

If you are an admin user, you will probably also require the following other Profiles configured in your ~/.aws/credentials file:

[ERP1-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2

[ERP2-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2

[ERP3-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2

[ERPA-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2

[ERPB-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2

[ERPC-role]

role\_arn = arn:aws:iam::<removed>:role/UserRole

source\_profile = ERPL

region = ap-southeast-2