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# DEV/SECOPS BOOTCAMP

BUILDING RUGGED SOFTWARE

YEAR ONE / WEEK THREE/ LESSON TWO

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# Agenda

- AWS CLI & Bash Environment Variables
- Assumer
- Lab 2

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# AWS CLI & Bash Environment Variables

- AWS CLI credentials precedence
  1. Inline (--aws-access-key)
  2. Environment variables (AWS\_\*)
  3. Configuration (~/.aws/credentials)

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# AWS CLI & Bash Environment Variables

- Temporary credentials expire after an hour (1hr)
  - So, unset them before running the AWS CLI again
    - `unset AWS_ACCESS_KEY_ID`
    - `unset AWS_SECRET_ACCESS_KEY`
    - `unset AWS_SESSION_TOKEN`

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# Assumer

- Assumer will save you some time
  - Install it: <https://github.com/devsecops/assumer>

```
$ assumer -h
Parameters:
  -a, --target-account=<s>      Target AWS account to assume into
  -r, --target-role=<s>         The role in the target account
  -A, --control-account=<s>     Control Plane AWS account
  -R, --control-role=<s>        The role in the control account

These parameters are optional:
  -e, --region=<s>              AWS region to operate in (default: us-west-2)
  -u, --username=<s>            Your IAM username (default: student1)
  -p, --profile=<s>             Profile name from ~/.aws/credentials
  -g, --gui                     Open a web browser to the AWS console with these credentials
  -v, --version                 Print version and exit
  -h, --help                    Show this message
```

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## Lab 2

- Week 3 Lab 2:  
<https://github.com/devsecops/bootcamp/blob/master/Week-3/labs/LAB-2.md>
  - Setup AWS Environment
  - Install and Configure Splunk
  - Install & Run Rails Goat
- Hints:
  - Exercise 1, you'll need to tamper these fields: user\_id, email, password & password\_confirmation