

CCSP Writeup

1. Register and Login as a Normal User

- Begin by **registering a new account** and logging into the web application.
- After login, you are presented with a dashboard and options to access *Classified/Admin Resources*.

2. Inspect API Requests & User Discovery

- Browse the dashboard and *intercept requests* using a proxy tool (e.g., Burp Suite).
- Visit your *profile or account info page* to see your user data, including an id, role, and username.
- Observe that user IDs appear to be **hashed (MD5 format)**.

Dashboard
Target
Proxy
Intruder
Repeater
Collaborator
Sequencer
Decoder
Comparer
Logger
Organizer
Extensions
Learn
Python Scripts
JWT Editor

Intercept
HTTP history
WebSockets history
Match and replace
Proxy settings

Filter settings: Hiding CSS, image and general binary content

#	Host	Method	URL	Params	Edited	Status code	Length	MIME type	Extension	Title	Notes	TLS	IP
1	http://127.0.0.1:5003	GET	/flag			302	394	HTML		Redirecting...			127.0.0.1
2	http://127.0.0.1:5003	GET	/login			200	4004	HTML		Login - Central Portal			127.0.0.1
3	http://127.0.0.1:5003	GET	/favicon.ico			426	358	HTML	ico	404 Not Found			127.0.0.1
4	http://127.0.0.1:5003	POST	/auth/v1/generate_session_token			200	440	JSON			1 JWTs, 0 JWEs		127.0.0.1
5	http://127.0.0.1:5003	GET	/			200	5025	HTML		Dashboard - Central P...	1 JWTs, 0 JWEs		127.0.0.1
6	http://127.0.0.1:5003	GET	/data/v2/query_user_identity_reco...			200	252	JSON			1 JWTs, 0 JWEs		127.0.0.1
7	http://127.0.0.1:5003	POST	/auth/v1/login			200	440	JSON		Successful login	1 JWTs, 0 JWEs		127.0.0.1

New release ready to install

This release improves how recorded logins identify elements during playback.

[See release notes](#)

[illegible]

3. Identify the Hash Mechanism

- By comparing the test data, recognize that the id field uses **MD5 hashes**.
- admin in MD5 is 21232f297a57a5a743894a0e4a801fc3.

[illegible]

FLAG{API 0bfu5c4t10n D03snt St0p M3}