

OSINT - Fuel Deal

Category	write ups
Status	New / Inbox
Subject Tags	
Type	Note
Related Notebook	<input checked="" type="checkbox"/> CTF Notebook

Here is another OSINT Write up for the IrisCTF event. In this challenge we are looking for a Gas station with a killer fuel deal.

Challenge:

My friend spotted this really good fuel deal for his car, but he won't tell me where he got it. He sent this picture to make me mad and he even blurred out the road signs! Can you find this deal for me?

The flag is the address of the gas station, omitting the post code and any symbols including commas, replacing spaces with underscores (_), and with all abbreviations expanded.

For example, if the building is located at 1888 Big Eddy Rd (address), Revelstoke (city/suburb), BC (state/territory) V0E 3K0 (post code), Canada (country), the flag would be:

irisctf{1888_Big_Eddy_Road_Revelstoke_British_Columbia_Canada}

Image in question:



Right of the back we are not in the United States, I'm seeing 4 cents off per Litre, this feels Australian.

Main identifiers are blurred out but knowing that I will never find a random shell gas station in Australia.

But I can find that random telephone sign



I see this and immediately start asking ChatGPT to explain some details regarding the image.

The road sign **with** the number **754** is likely referencing a route number within Australia. Route n
Steps to Identify the Location:

Route Number 754:

This route likely belongs to a state road network, **as** it's not part **of** the national high
Route numbers **in** the **700** range are commonly found **in** Victoria, although they may also ex

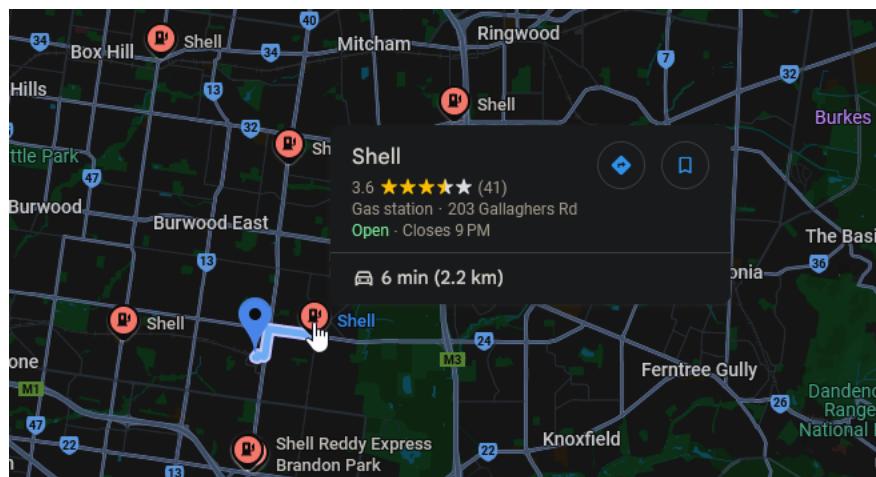
Oh sick we got a got a bus route, easier to nail a gas station off of a bus route than just a random locator.

I asked for the bus route highlighted on a map and Chatty G helped Deliver.

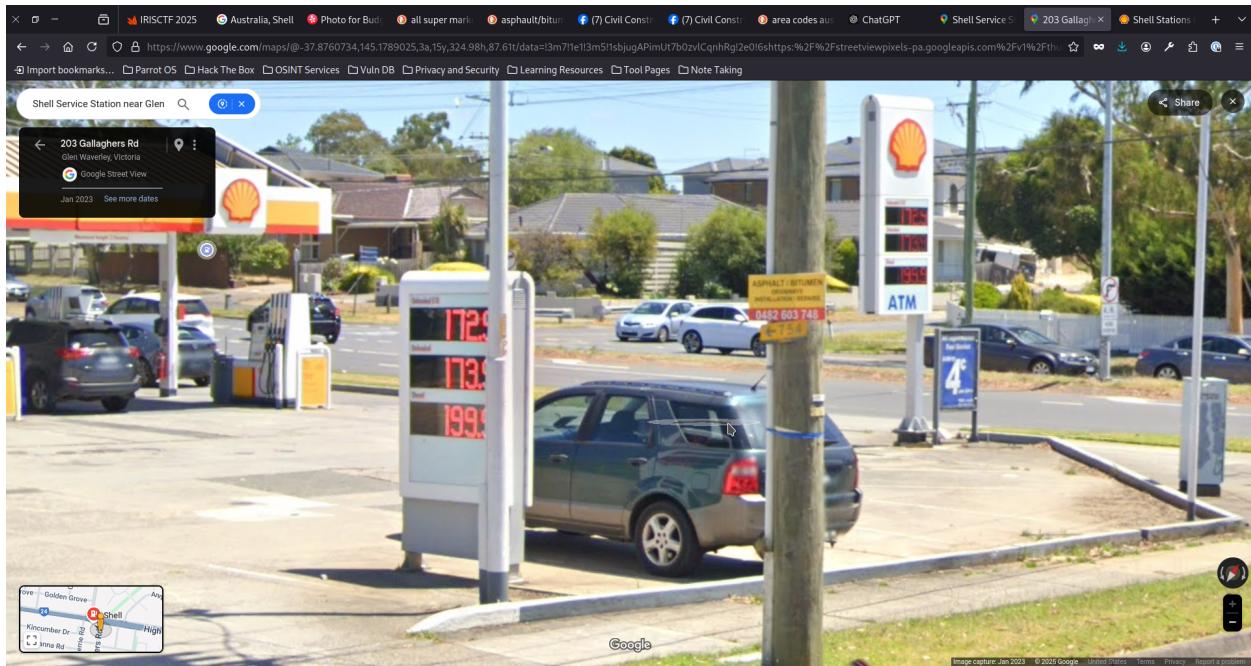
Link:

<https://www.google.com/maps/search/Shell+Service+Station+near+Glen+Waverley+Station,+Melbourne/@-37.8785858,145.1455,14z>

Out of 1000's of Shell I've narrowed it down to 9

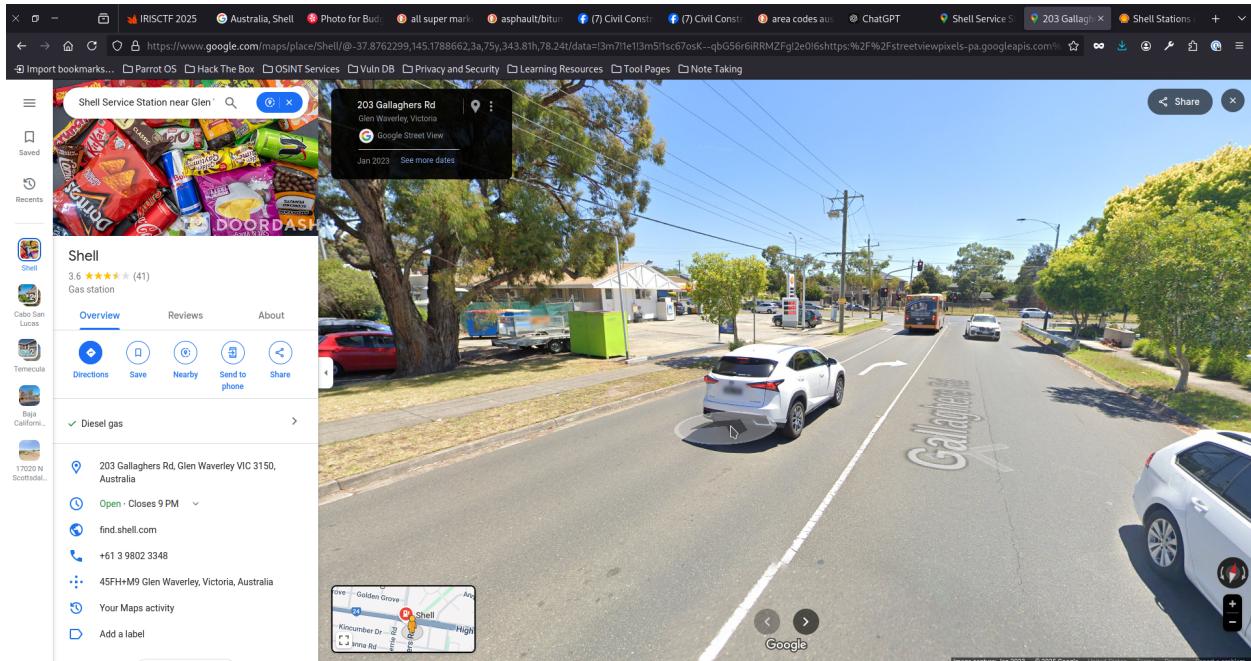


I click on the closest on to Gas Station closest to the Pin



Low and behold that is our Asphalt sign.

Lets look at it from a different angle.



That looks like our sign

Flag: irisctf{203_Gallaghers_Road_Glen_Waverley_Victoria_Australia}

Another one solved Lets go!!!