

🕵️ Agent Divyanshi Doser Reporting

Six Weeks To Save Reality

Mission 3: The Rogue Agent



⚠ The Crisis: Truth Surfaces

1 Captain Marvel Returns

Stones are brought back, but a critical anomaly occurs.

2 Refusal to Comply

Captain Marvel unexpectedly refuses to hand over the Stones, raising immediate flags.

3 Security Compromised

Compound security systems begin to malfunction, displaying sporadic errors and outages.

4 Internal Overrides

System analytics confirm unauthorised overrides originating from within the secure compound.



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🎯 Mission Objective: Isolate the Threat

Identify the Source

Pinpoint the specific **Security Officer** responsible for the breaches.

Quantify Violations

Determine who performed the **highest number of Security Sensor Overrides**.

Verify Timeline

Confirm activity occurred within **48 hours** of Captain Marvel's return.



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📁 Data Sources: Unveiling the Logs

Compound_Personnel

PersonnelID	Unique Identifier
Name	Officer's Full Name
Role	Assigned Position
Email	Contact Address

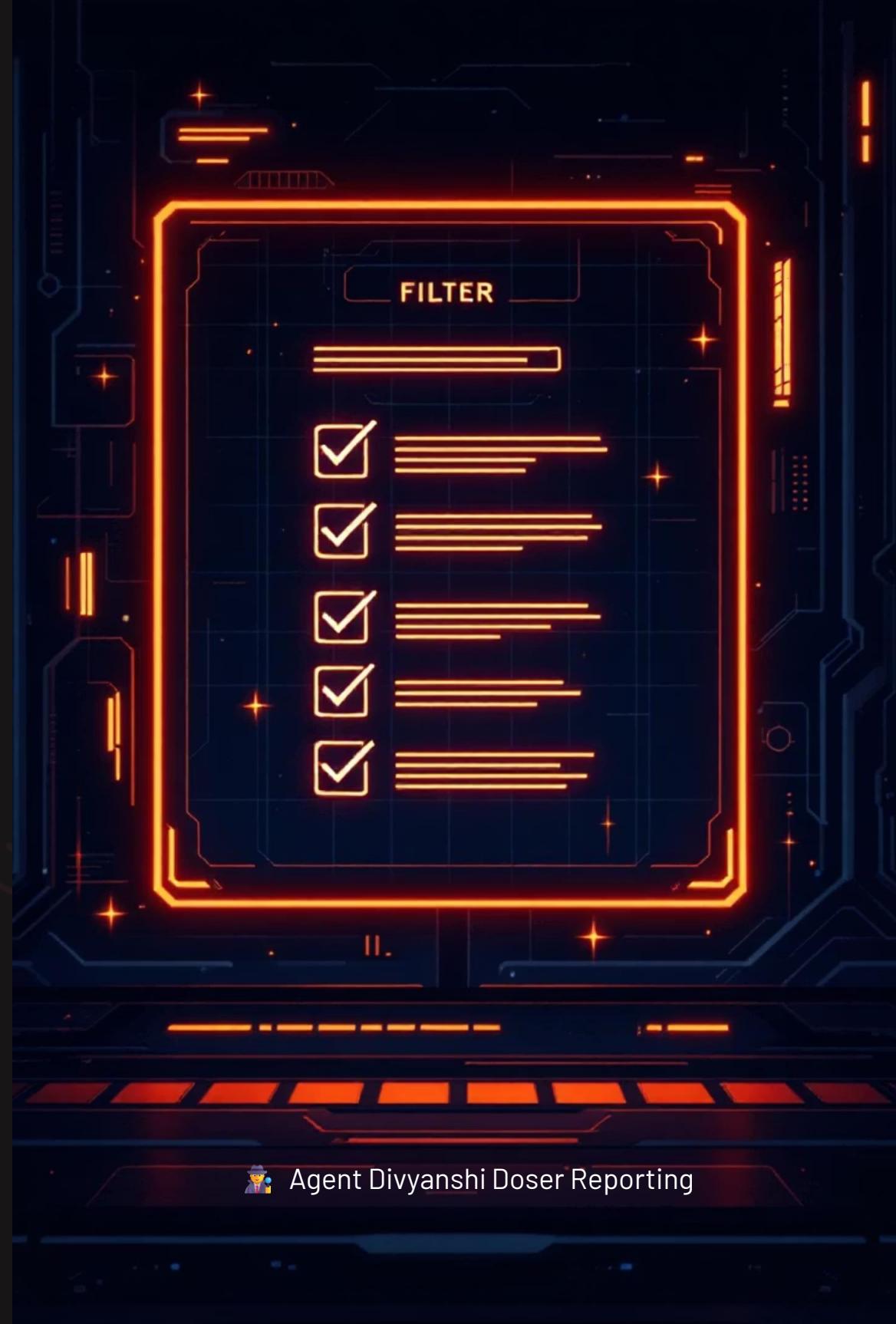
Security_Logs

LogID	Event Identifier
PersonnelID	Officer ID
Action	Recorded Activity
Timestamp	Date & Time



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Investigation Rules: Logic Filters Engaged



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⌚ Time Window Identification: Precision Engaged

Captain Marvel's Return

20 Nov 2025 – 10:00 AM

The precise moment of re-entry and incident initiation.

Critical Window Activated

Start of the 48-hour period for incident analysis.

Analysis Window Concludes

22 Nov 2025 – 10:00 AM

All data must fall within this timeframe to be considered.



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Query Execution: Mission Logic Applied

```
WITH Captain_Return AS(
    SELECT sl.Timestamp AS return_ts
    FROM Security_Logs AS sl
    JOIN Compound_Personnel AS cp
    ON sl.PersonnelID = cp.PersonnelID
    WHERE cp.Role = 'Avenger(Captain Marvel)'
    AND sl.Action = 'Return to Compound'
)
SELECT cp.Name, cp.Email, COUNT(*) AS TotalOverrides
FROM Security_Logs AS sl
JOIN Captain_Return AS cr
ON sl.Timestamp > cr.return_ts
AND sl.Timestamp <= datetime(cr.return_ts, '+48 hours')
JOIN Compound_Personnel AS cp
ON sl.PersonnelID = cp.PersonnelID
WHERE sl.Action = 'Security Sensor Override'
AND cp.Role = 'Security Officer'
GROUP BY cp.Name, cp.Email
ORDER BY TotalOverrides DESC
LIMIT 1;
```



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Rogue Agent Identified: Verdict Confirmed

Access Violation: Internal Threat Detected

Name: Steve Coulson

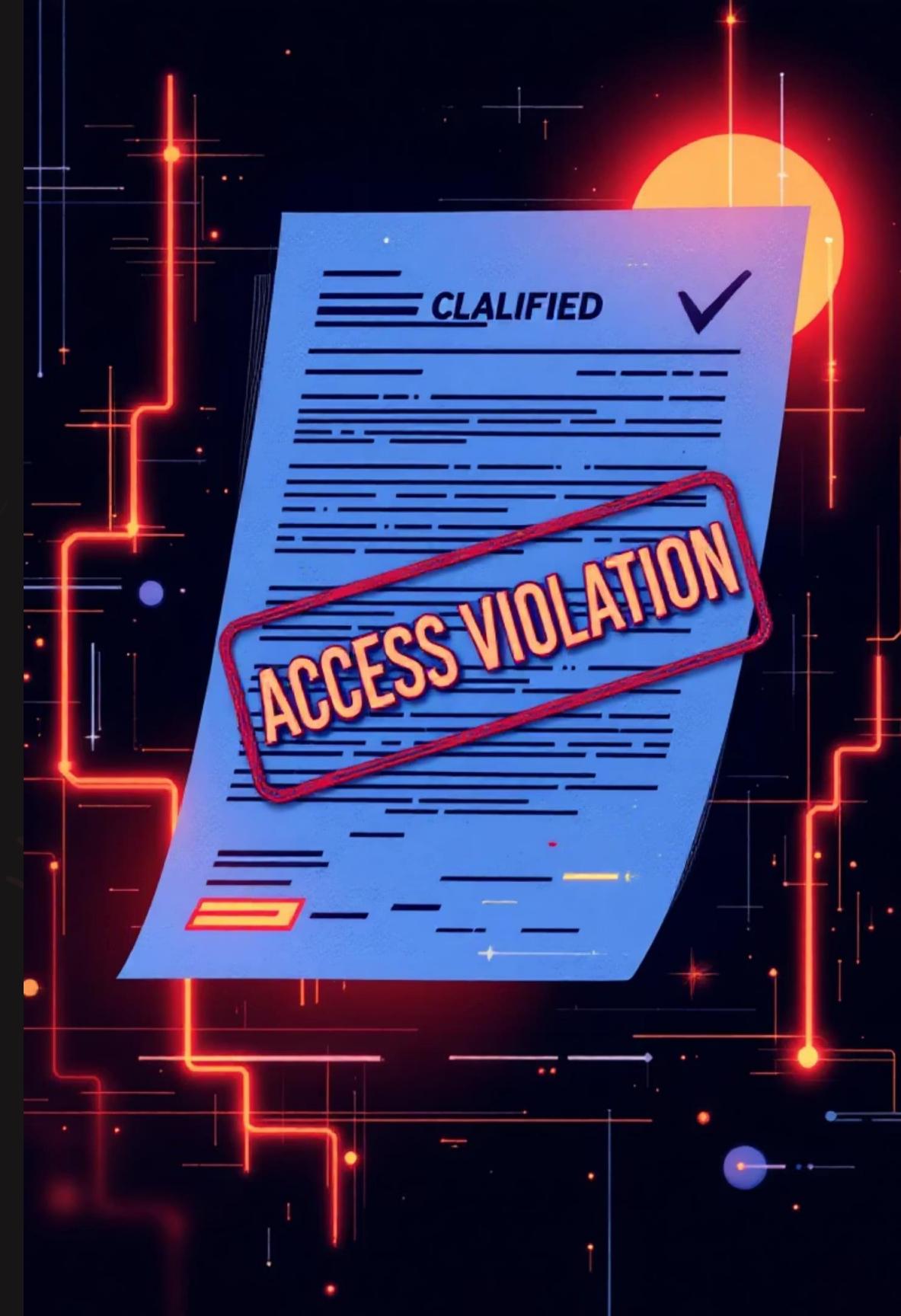
Role: Security Officer

Status: Threat Confirmed

Based on the overwhelming evidence from the security logs, Steve Coulson has been positively identified as the source of the internal system overrides.



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SQL Thinking Process: Unpacking the Logic

01

Data Integration

Establish a relational join between the **Compound_Personnel** and **Security_Logs** datasets using **PersonnelID**.

02

Role-Based Filtering

Isolate records to include only those personnel identified with the 'Security Officer' role.

03

Action Specificity

Filter log entries to capture only actions corresponding to 'Security Sensor Override'.

04

Temporal Window

Apply a time-based filter to restrict data to the 48-hour period immediately following Captain Marvel's return.

05

Officer Aggregation

Group the filtered log entries by individual Security Officer to consolidate their activities.

06

Override Tally

Count the number of 'Security Sensor Override' incidents for each grouped officer.

07

Maximum Identification

Order the results to identify the Security Officer with the highest count of overrides, thus exposing the rogue agent.



Mission Accomplished

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🏁 Mission Insight: The Path Forward



SQL: Logic, Not Just Syntax

The true power lies in logical deduction, not merely memorising commands.



Patterns Expose Threats

Hidden dangers are revealed through meticulous pattern recognition in data.



Data Reveals Truth

With precise filtering, data unequivocally unveils concealed realities.