

Deduction Mysteries

CASE 01

A source code repository was extracted from the network closet of Atlas Cloud between 01:30 and 03:00. The operation required specific qualifications and access. 6 suspects: Mikael (contractor), Yara (product manager), Ula (site-reliability engineer), Emiko (senior engineer), Aiko (security analyst), Fariha (intern).

Q Who extracted the source code repository?

1. Fariha has all three required qualifications.
2. Emiko was at a documented training during the window – verified by MFA token log.
3. Fariha stated they left the building at 23:00, but the DHCP server log shows their SSH key active at 01:30.
4. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Fariha.
5. Aiko was at a documented conference during the window – verified by VPN session log.
6. Ula had the qualifications but was on a flight during the window – third-party verified.
7. Aiko was seen near the data archive earlier that evening, but they had left the building by 20:20 and never returned.
8. Yara was at a documented conference during the window – verified by CCTV camera.
9. Mikael lacks the required professional certification – confirmed by personnel records.
- 10 The data theft required a specific paint formulation only stocked in the restoration lab.
- 11 Three independent requirements: professional certification, VPN credentials access, and

. presence at the network closet during the 01:30-03:00 window.					
A) Ula	B) Aiko	C) Yara	D) Mikael	E) Emiko	F) Fariha

CASE 02

A SSL certificate was extracted from the DevOps room of Meridian Data between 00:15 and 02:00. The operation required specific qualifications and access. 6 suspects: Selene (DevOps lead), Aleksandr (site-reliability engineer), Kalisa (product manager), Saoirse (senior engineer), Penelope (data scientist), Maeve (intern).

Q Who extracted the SSL certificate?

1. Kalisa had the qualifications but was hospitalized during the window – third-party verified.
2. Saoirse was seen near the DevOps room earlier that evening, but they had left the building by 20:40 and never returned.
3. Penelope was at a documented training during the window – verified by badge swipe.
4. Aleksandr's badge was revoked two weeks prior; archived access list confirms.
5. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Selene.
6. The data theft required a stamped seal serial number from a controlled supply closet.
7. Selene has all three required qualifications.
8. Selene stated they left the building at 22:00, but the elevator log shows their admin token active at 00:15.
9. Three independent requirements: professional expertise, badge access, and presence at the DevOps room during the 00:15-02:00 window.
- 10 Maeve had the qualifications but family was visiting during the window – third-party verified.
- 11 Saoirse's badge was revoked two weeks prior; archived access list confirms.

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CASE 03

The adoption papers were taken from the archive stacks of Aldermarsh County Archive between 01:00 and 03:00. The operation required specific qualifications and access. 6 suspects: Yusuf (intern), Rosalind (conservation specialist), Arjun (security officer), Zoltan (clerk), Meriel (genealogist), Xiomara (volunteer).

Q Who took the adoption papers?

1. Three independent requirements: professional training, admin code access, and presence at the archive stacks during the 01:00-03:00 window.
2. Meriel has all three required qualifications.
3. Arjun lacks the required professional training – confirmed by personnel records.
4. Zoltan's admin code was revoked two weeks prior; archived access list confirms.
5. Yusuf was seen near the conservation room earlier that evening, but they had left the building by 20:30 and never returned.
6. Yusuf was at a documented hospital appointment during the window – verified by witness patron.
7. Rosalind lacks the required professional training – confirmed by personnel records.
8. Xiomara was at a documented hospital appointment during the window – verified by witness patron.
9. A trace at the scene – a specific paint formulation only stocked in the restoration lab – matches inventory accessible only to Meriel.
- 10 The theft required a specific paint formulation only stocked in the restoration lab.
- 11 Meriel stated they left the building at 23:15, but the elevator log shows their archive badge . active at 01:00.

CASE 04

The box-office receipts were taken from the dressing room of Northgate Stage between 03:00 and 05:15. The operation required specific qualifications and access. 6 suspects: Bao (director), Maeve (musical director), Adrian (stagehand), Pavel (lighting tech), Kasper (stage manager), Cedric (prop master).

Q Who took the box-office receipts?

1. Bao stated they left the building at 22:45, but the parking-lot camera shows their box-office key active at 03:00.
2. Kasper was seen near the prop storage earlier that evening, but they had left the building by 21:30 and never returned.
3. A trace at the scene – a stamped seal serial number from a controlled supply closet – matches inventory accessible only to Bao.
4. The theft required a stamped seal serial number from a controlled supply closet.
5. Three independent requirements: professional expertise, director's key access, and presence at the dressing room during the 03:00-05:15 window.
6. Pavel lacks the required professional expertise – confirmed by personnel records.
7. Cedric's box-office system shows continuous presence in a separate building.
8. Bao has all three required qualifications.
9. Kasper lacks the required professional expertise – confirmed by personnel records.
- 10 Adrian's director's key was revoked two weeks prior; archived access list confirms.
- 11 Maeve lacks the required professional expertise – confirmed by personnel records.

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CASE 05

A sealed surgical kit was taken from the blood bank of Brierfield Hospital between 01:45 and 03:30. The operation required specific qualifications and access. 7 suspects: Kiran (security officer), Darya (volunteer), Mahdi (social worker), Juno (pharmacist), Idris (attending physician), Florian (head nurse), Amelia (janitor).

Q Who took the sealed surgical kit?

1. Darya lacks the required professional training – confirmed by personnel records.
2. Kiran has all three required qualifications.
3. The theft required a specific paint formulation only stocked in the restoration lab.
4. Three independent requirements: professional training, restricted-wing access access, and presence at the blood bank during the 01:45-03:30 window.
5. Idris had the qualifications but was hospitalized during the window – third-party verified.
6. Florian's restricted-wing access was revoked two weeks prior; archived access list confirms.
7. Amelia was at a documented conference during the window – verified by door sensor.
8. Mahdi had the qualifications but was on a flight during the window – third-party verified.
9. Darya was seen near the administration office earlier that evening, but they had left the building by 20:30 and never returned.
- 10 Juno had the qualifications but was on a flight during the window – third-party verified.
- 11 A trace at the scene – a specific paint formulation only stocked in the restoration lab – . matches inventory accessible only to Kiran.
- 12 Kiran stated they left the building at 22:10, but the door sensor history shows their . administrator code active at 01:45.

CASE 06

A reference card index was taken from the special collections room of Quartermaine Archive between 00:15 and 02:15. The operation required specific qualifications and access. 7 suspects: Ezra (cataloger), Indira (rare-books curator), Gemma (head librarian), Mauro (visiting scholar), Alejandro (reference librarian), Aleksandr (custodian), Mateo (archivist).

Q Who took the reference card index?

1. A trace at the scene – a digital certificate issued only to senior staff – matches inventory accessible only to Indira.
2. Aleksandr's vault key was revoked two weeks prior; archived access list confirms.
3. Gemma was seen near the restoration room earlier that evening, but they had left the building by 21:35 and never returned.
4. Indira has all three required qualifications.
5. Alejandro lacks the required professional certification – confirmed by personnel records.
6. Ezra was at a documented conference during the window – verified by security camera.
7. Mauro had the qualifications but family was visiting during the window – third-party verified.
8. Mateo lacks the required professional certification – confirmed by personnel records.
9. Indira stated they left the building at 22:45, but the elevator log shows their staff key active at 00:15.
- 10 Gemma's vault key was revoked two weeks prior; archived access list confirms.
- 11 Three independent requirements: professional certification, vault key access, and presence at . the special collections room during the 00:15-02:15 window.

Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

Case 01 F) Fariha

- ☒ Three requirements (professional certification, VPN credentials, presence at the network closet during the 01:30-03:00 window) plus a technical trace narrow this case.
 - ☒ Mikael eliminated by alibi or missing qualification.
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Case 02 C) Selene

- ☒ Three requirements (professional expertise, badge, presence at the DevOps room during the 00:15-02:00 window) plus a technical trace narrow this case.
 - ☒ Aleksandr eliminated by alibi or missing qualification.
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Case 03 F) Meriel

- ☒ Three requirements (professional training, admin code, presence at the archive stacks during the 01:00-03:00 window) plus a technical trace narrow this case.
 - ☒ Yusuf eliminated by alibi or missing qualification.
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Case 04 B) Bao

- ☒ Three requirements (professional expertise, director's key, presence at the dressing room during the 03:00-05:15 window) plus a technical trace narrow this case.
 - ☒ Maeve eliminated by alibi or missing qualification.
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Case 05 E) Kiran

- ☒ Three requirements (professional training, restricted-wing access, presence at the blood bank during the 01:45-03:30 window) plus a technical trace narrow this case.
 - ☒ Darya eliminated by alibi or missing qualification.
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Case 06 E) Indira

- ☒ Three requirements (professional certification, vault key, presence at the special collections room during the 00:15-02:15 window) plus a technical trace narrow this case.
- ☒ Ezra eliminated by alibi or missing qualification.