

## Deduction Mysteries

### CASE 01

The admin credentials were extracted from the war room of Helix Tech during the overnight window between 20:45 and 22:30. Investigators have narrowed the field to 5 suspects: Kasimir (contractor), Ezra (security analyst), Hakim (intern), Damaris (product manager), Bayan (DevOps lead).

#### Q Who extracted the admin credentials?

1. Kasimir's CCTV camera places them at an offsite location from 20:45 to roughly 22:30.
2. Bayan's MFA token log places them at a documented training session from 20:45 to roughly 22:30.
3. Hakim had an ongoing dispute with management, well-documented in HR records.
4. Hakim has no verifiable account of their whereabouts after 20:45.
5. Damaris's VPN session log places them at a documented training session from 20:45 to roughly 22:30.
6. Ezra's MFA token log places them at a public event with hundreds of attendees from 20:45 to roughly 22:30.
7. MFA device access to the war room is restricted to Bayan, Hakim, Damaris.
8. Hakim's MFA device was activated at 20:45 at the war room.
9. The data theft required encryption key generation. Only Hakim, Ezra, Kasimir have it among the suspects.

 A) Hakim B) Damaris C) Bayan D) Ezra E) Kasimir

### CASE 02

A grading book was taken from the library archive of Saint-Clair School during the overnight window between 19:15 and 21:15. Investigators have narrowed the field to 6 suspects: Hiroshi (school counselor), Omari (janitor), Darya (secretary), Gisela (teacher), Frida (principal), Elara (coach).

#### Q Who took the grading book?

1. Darya's keycard log places them at an offsite location from 19:15 to roughly 21:15.
2. Hiroshi's hallway camera places them at a public event with hundreds of attendees from 19:15 to roughly 21:15.
3. Omari's hallway camera places them at an offsite location from 19:15 to roughly 21:15.
4. The theft required medical sedative protocols. Only Gisela, Frida, Hiroshi have it among the suspects.
5. Elara's attendance log places them at a public event with hundreds of attendees from 19:15 to roughly 21:15.
6. Keypad code access to the library archive is restricted to Gisela, Frida, Darya.
7. Gisela's keypad code was activated at 19:15 at the library archive.
8. Gisela had an ongoing dispute with management, well-documented in HR records.
9. Frida's door sensor places them at a documented training session from 19:15 to roughly 21:15.
10. Gisela has no verifiable account of their whereabouts after 19:15.

 A) Frida B) Hiroshi C) Darya D) Omari E) Elara F) Gisela

## Deduction Mysteries

### CASE 03

A restricted-area code was taken from the staff lounge of Aldermarsh Clinic during the overnight window between 19:15 and 21:45. Investigators have narrowed the field to 6 suspects: Bjorn (attending physician), Cassia (security officer), Yara (head nurse), Dario (technician), Alessio (volunteer), Tarek (social worker).

#### Q Who took the restricted-area code?

1. Yara had a documented grievance, well-documented in HR records.
2. Cassia's elevator log places them at a documented training session from 19:15 to roughly 21:45.
3. The theft required encryption key generation. Only Yara, Alessio, Dario have it among the suspects.
4. Yara's administrator code was activated at 19:15 at the staff lounge.
5. Yara has no verifiable account of their whereabouts after 19:15.
6. A discarded note near the scene briefly suggested Alessio's involvement, but it was later traced to an unrelated incident.
7. Alessio's door sensor places them at a public event with hundreds of attendees from 19:15 to roughly 21:45.
8. Bjorn's door sensor places them at a documented training session from 19:15 to roughly 21:45.
9. Tarek's badge log places them at a documented training session from 19:15 to roughly 21:45.
- 10 Administrator code access to the staff lounge is restricted to Yara, Tarek.
- 11 Dario's medication audit places them at a remote conference from 19:15 to roughly 21:45.

A) Bjorn	B) Tarek	C) Cassia	D) Alessio	E) Yara	F) Dario
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### CASE 04

A sealed wine bottle was taken from the walk-in cooler of Saint-Clair Café during the overnight window between 21:45 and 23:15. Investigators have narrowed the field to 6 suspects: Florian (dishwasher), Meriel (sommelier), Theo (sous chef), Sigrid (bartender), Juno (head chef), Dimitri (host).

#### Q Who took the sealed wine bottle?

1. Cellar key access to the walk-in cooler is restricted to Florian, Sigrid, Juno.
2. Florian had a documented grievance, well-documented in HR records.
3. Meriel's reservation system places them at a remote conference from 21:45 to roughly 23:15.
4. Dimitri's front-of-house camera places them at an offsite location from 21:45 to roughly 23:15.
5. The theft required firmware manipulation. Only Meriel, Florian, Dimitri have it among the suspects.
6. Juno's time-clock record places them at a public event with hundreds of attendees from 21:45 to roughly 23:15.
7. Florian's cellar key was activated at 21:45 at the walk-in cooler.
8. Florian has no verifiable account of their whereabouts after 21:45.
9. Sigrid's front-of-house camera places them at a remote conference from 21:45 to roughly 23:15.
- 10 Theo's front-of-house camera places them at a hospital visit from 21:45 to roughly 23:15.

A) Sigrid	B) Meriel	C) Theo	D) Dimitri	E) Juno	F) Florian
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## Deduction Mysteries

### CASE 05

A strategy deck was taken from the records vault of Helix Corporation during the overnight window between 21:45 and 23:45. Investigators have narrowed the field to 6 suspects: Tatum (records clerk), Katarina (legal counsel), Frida (executive assistant), Caelan (IT administrator), Roksana (HR director), Ronan (CFO).

#### Q Who took the strategy deck?

1. Frida's printer log places them at a documented training session from 21:45 to roughly 23:45.
2. Tatum's door access record places them at a documented training session from 21:45 to roughly 23:45.
3. Caelan's VPN session log places them at a hospital visit from 21:45 to roughly 23:45.
4. Katarina had recent disciplinary action, well-documented in HR records.
5. VPN access to the records vault is restricted to Katarina, Frida, Ronan.
6. Ronan's printer log places them at a documented training session from 21:45 to roughly 23:45.
7. Katarina's VPN access was activated at 21:45 at the records vault.
8. Roksana's witness account places them at an offsite location from 21:45 to roughly 23:45.
9. Katarina has no verifiable account of their whereabouts after 21:45.
- 10 The corporate theft required social-engineering skill. Only Ronan, Katarina, Frida have it among the suspects.

A) Caelan	B) Tatum	C) Ronan	D) Frida	E) Katarina	F) Roksana
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### CASE 06

A member roster was taken from the locker room of Saint-Clair Field House during the overnight window between 20:10 and 22:00. Investigators have narrowed the field to 5 suspects: Ilya (rookie player), Roksana (team captain), Vidal (athletic trainer), Kiran (facilities manager), Juno (head coach).

#### Q Who took the member roster?

1. Equipment-room key access to the locker room is restricted to Roksana, Ilya.
2. Roksana's equipment-room key was activated at 20:10 at the locker room.
3. Ilya's time-clock record places them at a hospital visit from 20:10 to roughly 22:00.
4. Roksana has no verifiable account of their whereabouts after 20:10.
5. Roksana had recent disciplinary action, well-documented in HR records.
6. Vidal's badge log places them at a public event with hundreds of attendees from 20:10 to roughly 22:00.
7. Juno's time-clock record places them at a hospital visit from 20:10 to roughly 22:00.
8. The theft required complex schematic knowledge. Only Roksana, Ilya, Kiran have it among the suspects.
9. A discarded note near the scene briefly suggested Juno's involvement, but it was later traced to an unrelated incident.
- 10 Kiran's badge log places them at a hospital visit from 20:10 to roughly 22:00.

A) Roksana	B) Ilya	C) Vidal	D) Kiran	E) Juno
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## Answer Key – Deduction Mysteries

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

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### Case 01    A) Hakim

- ❑ The data theft required encryption key generation, MFA device, and a motivating reason.
  - ❑ Kasimir has the skill but no MFA device – cleared.
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### Case 02    F) Gisela

- ❑ The theft required medical sedative protocols, keypad code, and a motivating reason.
  - ❑ Hiroshi has the skill but no keypad code – cleared.
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### Case 03    E) Yara

- ❑ The theft required encryption key generation, administrator code, and a motivating reason.
  - ❑ Bjorn lacks the required encryption key generation – cleared.
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### Case 04    F) Florian

- ❑ The theft required firmware manipulation, cellar key, and a motivating reason.
  - ❑ Meriel has the skill but no cellar key – cleared.
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### Case 05    E) Katarina

- ❑ The corporate theft required social-engineering skill, VPN access, and a motivating reason.
  - ❑ Tatum lacks the required social-engineering skill – cleared.
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### Case 06    A) Roksana

- ❑ The theft required complex schematic knowledge, equipment-room key, and a motivating reason.
- ❑ Ilya has skill and access but a verified alibi places them offsite – cleared.