

Deduction Mysteries

CASE 01

A signed binary release was extracted from the engineer pod of Helix Tech between 13:00 and 15:00. The operation required authorized credentials. Five people had any plausible connection: Nizar (senior engineer), Ilya (product manager), Hattie (site-reliability engineer), Kenji (security analyst), Aleksandr (contractor).

Q Who extracted the signed binary release?

1. The data theft required authorized credentials – only Hattie and Aleksandr have this among the five.
2. Kenji was documented by the CCTV camera in a different building during the window.
3. Ilya's badge was not used at any point during the window.
4. Ilya was at the main office the entire window during the window.
5. Aleksandr's MFA token log confirms they were at the off-site location from 13:00 to 15:00.
6. Nizar was at a scheduled external meeting during the window.
7. Hattie claims to have been out for a long break during the window. No supporting evidence has been provided.
8. The engineer pod is normally accessed only via badge, and Hattie's VPN credentials was used at 13:00.

CASE 02

A reservation book was taken from the dishwashing bay of Quartermaine's between 16:15 and 18:00. The operation required authorized credentials. Five people had any plausible connection: Zinnia (dishwasher), Aaliyah (server), Magnus (sous chef), Ines (line cook), Sora (bartender).

Q Who took the reservation book?

1. Magnus claims to have been out for a long break during the window. No supporting evidence has been provided.
2. Ines's witness server confirms they were at the off-site location from 16:15 to 18:00.
3. Aaliyah was documented by the POS log in a different building during the window.
4. Sora was at the external facility the entire window during the window.
5. The dishwashing bay is normally accessed only via register code, and Magnus's cellar key was used at 16:15.
6. Zinnia was at a scheduled external meeting during the window.
7. The theft required authorized credentials – only Magnus and Ines have this among the five.

CASE 03

A jade figurine was taken from the private collection room of Metropolitan Gallery between 16:10 and 19:45. The operation required specialized access privileges. Five people had any plausible connection: Sami (janitor), Phaedra (tour guide), Hadley (night security), Kasimir (art restorer), Ilya (exhibition designer).

Q Who took the jade figurine?

1. The theft required specialized access privileges – only Hadley and Sami have this among the five.
2. Phaedra's keycard was not used at any point during the window.
3. Sami's door sensor confirms they were at the remote facility from 16:10 to 19:45.
4. Hadley claims to have been working alone in their office during the window. No supporting evidence has been provided.
5. The private collection room is normally accessed only via keycard, and Hadley's keycard was used at 16:10.
6. Phaedra was at the external facility the entire window during the window.
7. Ilya was at a scheduled conference call during the window.

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CASE 04

A medical kit was taken from the press box of Brightline Fitness between 15:20 and 18:10. The operation required authorized credentials. Five people had any plausible connection: Marisol (star player), Isolde (team statistician), Jian (facilities manager), Oren (rookie player), Ronan (head coach).

Q Who took the medical kit?

1. Ronan was at the main office the entire window during the window.
2. Isolde claims to have been working alone in their office during the window. No supporting evidence has been provided.
3. Jian's facility camera confirms they were at the off-site location from 15:20 to 18:10.
4. The theft required authorized credentials – only Isolde and Jian have this among the five.
5. Oren was documented by the facility camera in a different building during the window.
6. The press box is normally accessed only via facility badge, and Isolde's facility badge was used at 15:20.
7. Marisol was at the front desk the entire window during the window.

CASE 05

A controlled medication was taken from the operating theater of Aldermarsh Clinic between 13:30 and 15:00. The operation required technical training. Five people had any plausible connection: Gemma (pharmacist), Aaliyah (medical resident), Caelan (head nurse), Lior (technician), Emiko (security officer).

Q Who took the controlled medication?

1. Emiko was at a scheduled training course during the window.
2. Lior was documented by the witness staff in a different building during the window.
3. Caelan claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Emiko's restricted-wing access was not used at any point during the window.
5. The operating theater is normally accessed only via restricted-wing access, and Caelan's restricted-wing access was used at 13:30.
6. Aaliyah's badge log confirms they were at the external office from 13:30 to 15:00.
7. The theft required technical training – only Aaliyah and Caelan have this among the five.

CASE 06

A test specimen was swapped from the cold-storage freezer of Caelum Labs between 16:00 and 19:15. The operation required technical training. Five people had any plausible connection: Zara (clinical coordinator), Priya (graduate student), Alejandro (principal investigator), Saoirse (postdoctoral researcher), Aiko (undergraduate volunteer).

Q Who swapped the test specimen?

1. Saoirse was at a scheduled external meeting during the window.
2. Aiko claims to have been out for a long break during the window. No supporting evidence has been provided.
3. Zara was at a scheduled conference call during the window.
4. Priya's freezer access log confirms they were at the remote facility from 16:00 to 19:15.
5. Alejandro was at the front desk the entire window during the window.
6. The sample tampering required technical training – only Priya and Aiko have this among the five.
7. The cold-storage freezer is normally accessed only via lab badge, and Aiko's freezer key was used at 16:00.

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CASE 07

A grading book was taken from the sports equipment room of Aldermarsh High between 16:45 and 18:00. The operation required required certifications. Five people had any plausible connection: Ilya (janitor), Eitan (librarian), Cassia (school counselor), Zephyr (department head), Mauro (coach).

Q Who took the grading book?

1. Zephyr's keycard log confirms they were at the off-site location from 16:45 to 18:00.
2. The sports equipment room is normally accessed only via keypad code, and Cassia's staff key was used at 16:45.
3. Ilya was at the front desk the entire window during the window.
4. Mauro was at the front desk the entire window during the window.
5. The theft required required certifications – only Zephyr and Cassia have this among the five.
6. Eitan was at a scheduled conference call during the window.
7. Cassia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.

CASE 08

A restricted donor file was taken from the staff break room of Helix Heritage Foundation between 14:15 and 16:00. The operation required expert knowledge of the system. Five people had any plausible connection: Kasimir (researcher), Isolde (volunteer), Anand (security officer), Ines (records administrator), Mei (intern).

Q Who took the restricted donor file?

1. Mei was documented by the witness patron in a different building during the window.
2. Kasimir was at a scheduled external meeting during the window.
3. Anand claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. The staff break room is normally accessed only via archive badge, and Anand's vault key was used at 14:15.
5. Ines was at the front desk the entire window during the window.
6. Isolde's archive log confirms they were at the remote facility from 14:15 to 16:00.
7. The theft required expert knowledge of the system – only Anand and Isolde have this among the five.

CASE 09

A sealed contract was taken from the records vault of Velocity Labs between 14:40 and 17:00. The operation required specialized access privileges. Five people had any plausible connection: Vidal (facilities coordinator), Beatrix (records clerk), Leila (intern), Elspeth (executive assistant), Diallo (CFO).

Q Who took the sealed contract?

1. Diallo was documented by the door access record in a different building during the window.
2. The corporate theft required specialized access privileges – only Elspeth and Vidal have this among the five.
3. Vidal claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. Elspeth's security badge log confirms they were at the remote facility from 14:40 to 17:00.
5. Beatrix was documented by the VPN session log in a different building during the window.
6. Leila was documented by the witness account in a different building during the window.
7. The records vault is normally accessed only via document-room code, and Vidal's elevator key was used at 14:40.

Answer Key – Deduction Mysteries

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

Case 01 C) Hattie

- ☐ The data theft required authorized credentials.
 - ☐ Nizar lacks the required skill – cleared.
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Case 02 B) Magnus

- ☐ The theft required authorized credentials.
 - ☐ Zinnia lacks the required skill – cleared.
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Case 03 D) Hadley

- ☐ The theft required specialized access privileges.
 - ☐ Phaedra lacks the required skill – cleared.
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Case 04 C) Isolde

- ☐ The theft required authorized credentials.
 - ☐ Marisol lacks the required skill – cleared.
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Case 05 A) Caelan

- ☐ The theft required technical training.
 - ☐ Gemma lacks the required skill – cleared.
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Case 06 C) Aiko

- ☐ The sample tampering required technical training.
 - ☐ Zara lacks the required skill – cleared.
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Case 07 A) Cassia

- ☐ The theft required required certifications.
 - ☐ Ilya lacks the required skill – cleared.
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Case 08 E) Anand

- ☐ The theft required expert knowledge of the system.
 - ☐ Kasimir lacks the required skill – cleared.
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Case 09 D) Vidal

- ☐ The corporate theft required specialized access privileges.
- ☐ Beatrix lacks the required skill – cleared.