

Deduction Mysteries

CASE 01

A SSL certificate was extracted from the server farm of Helix Tech between 16:30 and 19:00. The operation required technical training. Five people had any plausible connection: Sigrid (product manager), Quentin (DevOps lead), Amari (data scientist), Beatrix (CTO), Kalinda (senior engineer).

Q Who extracted the SSL certificate?

1. Sigrid claims to have been working alone in their office during the window. No supporting evidence has been provided.
2. Amari's VPN session log confirms they were at the external office from 16:30 to 19:00.
3. The server farm is normally accessed only via admin token, and Sigrid's MFA device was used at 16:30.
4. Beatrix was documented by the VPN session log in a different building during the window.
5. Quentin was at the front desk the entire window during the window.
6. The data theft required technical training – only Sigrid and Amari have this among the five.
7. Kalinda was at the external facility the entire window during the window.

A) Quentin	B) Beatrix	C) Kalinda	D) Sigrid	E) Amari
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CASE 02

A staff payroll list was taken from the faculty lounge of Saint-Clair School between 15:45 and 18:10. The operation required expert knowledge of the system. Five people had any plausible connection: Lucia (teacher), Hattie (coach), Joaquin (department head), Meriel (principal), Etienne (school counselor).

Q Who took the staff payroll list?

1. Lucia was at the external facility the entire window during the window.
2. Joaquin was at the front desk the entire window during the window.
3. The theft required expert knowledge of the system – only Meriel and Etienne have this among the five.
4. Etienne's door sensor confirms they were at the external office from 15:45 to 18:10.
5. The faculty lounge is normally accessed only via keypad code, and Meriel's combination was used at 15:45.
6. Meriel claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Hattie was at the main office the entire window during the window.

CASE 03

A rare coin set was taken from the archive room of Aldworth Collection between 14:20 and 17:30. The operation required technical training. Five people had any plausible connection: Yara (archivist), Elara (night security), Mikael (janitor), Pavel (exhibition designer), Elspeth (docent).

Q Who took the rare coin set?

1. The theft required technical training – only Pavel and Elspeth have this among the five.
2. The archive room is normally accessed only via elevator access, and Elspeth's keycard was used at 14:20.
3. Mikael was at the main office the entire window during the window.
4. Yara was at a scheduled training course during the window.
5. Pavel's witness testimony confirms they were at the remote facility from 14:20 to 17:30.
6. Elara was at a scheduled training course during the window.
7. Mikael's elevator access was not used at any point during the window.

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CASE 04

A sealed contract was taken from the CEO office of Cedarstone Inc between 15:15 and 18:45. The operation required specialized access privileges. Five people had any plausible connection: Talia (security officer), Emiko (IT administrator), Ramona (records clerk), Mira (CFO), Yusuf (HR director).

Q Who took the sealed contract?

1. Emiko was at the front desk the entire window during the window.
2. Mira's elevator log confirms they were at the remote facility from 15:15 to 18:45.
3. The CEO office is normally accessed only via elevator key, and Talia's VPN access was used at 15:15.
4. Talia claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
5. Ramona was documented by the witness account in a different building during the window.
6. The corporate theft required specialized access privileges – only Talia and Mira have this among the five.
7. Yusuf was documented by the VPN session log in a different building during the window.

CASE 05

An illuminated codex was taken from the reading room of Saint-Clair Collection between 15:30 and 17:45. The operation required specialized access privileges. Five people had any plausible connection: Rosalind (visiting scholar), Simeon (head librarian), Odell (archivist), Xanthe (research assistant), Olive (custodian).

Q Who took the illuminated codex?

1. Olive was at a scheduled external meeting during the window.
2. Rosalind was at the main office the entire window during the window.
3. Simeon claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
4. The reading room is normally accessed only via staff key, and Simeon's staff key was used at 15:30.
5. Odell's security camera confirms they were at the remote facility from 15:30 to 17:45.
6. The theft required specialized access privileges – only Simeon and Odell have this among the five.
7. Xanthe was documented by the witness patron in a different building during the window.

CASE 06

A historical photograph was taken from the restricted reading room of Aldermarsh County Archive between 14:40 and 16:30. The operation required expert knowledge of the system. Five people had any plausible connection: Sami (records administrator), Florian (head archivist), Theo (clerk), Lior (conservation specialist), Suri (researcher).

Q Who took the historical photograph?

1. Suri was at a scheduled external meeting during the window.
2. Sami's camera footage confirms they were at the remote facility from 14:40 to 16:30.
3. Florian's admin code was not used at any point during the window.
4. The theft required expert knowledge of the system – only Lior and Sami have this among the five.
5. Theo was documented by the vault entry record in a different building during the window.
6. The restricted reading room is normally accessed only via vault key, and Lior's vault key was used at 14:40.
7. Florian was at the main office the entire window during the window.

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CASE 07

A catering payment was taken from the dishwashing bay of Helix Kitchen between 14:40 and 17:15. The operation required specialized access privileges. Five people had any plausible connection: Penelope (bartender), Octavia (host), Oren (manager), Eleni (head chef), Saoirse (dishwasher).

Q Who took the catering payment?

1. Penelope's POS log confirms they were at the external office from 14:40 to 17:15.
2. Eleni's manager key was not used at any point during the window.
3. Oren was documented by the POS log in a different building during the window.
4. The theft required specialized access privileges – only Penelope and Saoirse have this among the five.
5. The dishwashing bay is normally accessed only via master key, and Saoirse's manager key was used at 14:40.
6. Eleni was documented by the reservation system in a different building during the window.
7. Octavia was documented by the kitchen camera in a different building during the window.
8. Saoirse claims to have been out for a long break during the window. No supporting evidence has been provided.

CASE 08

A calibration gauge was taken from the tool crib of Helix Restoration between 16:10 and 19:00. The operation required expert knowledge of the system. Five people had any plausible connection: Esme (painter), Florian (master mechanic), Kai (machinist), Etienne (customer service rep), Zephyr (parts clerk).

Q Who took the calibration gauge?

1. The theft required expert knowledge of the system – only Kai and Etienne have this among the five.
2. Esme was documented by the shop camera in a different building during the window.
3. Etienne's witness coworker confirms they were at the remote facility from 16:10 to 19:00.
4. The tool crib is normally accessed only via manager key, and Kai's shop key was used at 16:10.
5. Zephyr was documented by the parts-room audit in a different building during the window.
6. Kai claims to have been out for a long break during the window. No supporting evidence has been provided.
7. Florian was at a scheduled conference call during the window.

CASE 09

The box-office receipts were taken from the dressing room of The Aldermarsh Theatre between 15:20 and 17:10. The operation required required certifications. Five people had any plausible connection: Florian (lighting tech), Hakim (understudy), Jules (box-office manager), Emiko (director), Caelan (prop master).

Q Who took the box-office receipts?

1. The theft required required certifications – only Florian and Caelan have this among the five.
2. Caelan's rehearsal sign-in confirms they were at the remote facility from 15:20 to 17:10.
3. Emiko was at the front desk the entire window during the window.
4. Jules was documented by the witness crew member in a different building during the window.
5. Hakim was documented by the dressing-room sign-in in a different building during the window.
6. Florian claims to have been offsite for a personal errand during the window. No supporting evidence has been provided.
7. The dressing room is normally accessed only via box-office key, and Florian's backstage pass was used at 15:20.

Answer Key – Deduction Mysteries

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

Case 01 D) Sigrid

- ☒ The data theft required technical training.
 - ☒ Quentin lacks the required skill – cleared.
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Case 02 B) Meriel

- ☒ The theft required expert knowledge of the system.
 - ☒ Lucia lacks the required skill – cleared.
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Case 03 C) Elspeth

- ☒ The theft required technical training.
 - ☒ Yara lacks the required skill – cleared.
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Case 04 E) Talia

- ☒ The corporate theft required specialized access privileges.
 - ☒ Emiko lacks the required skill – cleared.
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Case 05 D) Simeon

- ☒ The theft required specialized access privileges.
 - ☒ Rosalind lacks the required skill – cleared.
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Case 06 B) Lior

- ☒ The theft required expert knowledge of the system.
 - ☒ Florian lacks the required skill – cleared.
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Case 07 E) Saoirse

- ☒ The theft required specialized access privileges.
 - ☒ Octavia lacks the required skill – cleared.
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Case 08 D) Kai

- ☒ The theft required expert knowledge of the system.
 - ☒ Esme lacks the required skill – cleared.
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Case 09 D) Florian

- ☒ The theft required required certifications.
 - ☒ Hakim lacks the required skill – cleared.
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