

Deduction Mysteries

CASE 01

A signed binary release was extracted from the server farm of Quartermaine Cyber during the overnight window between 21:30 and 23:45. Investigators have narrowed the field to 6 suspects: Oren (contractor), Dimitri (CTO), Jules (support lead), Damaris (DevOps lead), Mahdi (security analyst), Alejandro (intern).

Q Who extracted the signed binary release?

1. Jules has no verifiable account of their whereabouts after 21:30.
2. Admin token access to the server farm is restricted to Jules, Damaris.
3. A discarded note near the scene briefly suggested Dimitri's involvement, but it was later traced to an unrelated incident.
4. Damaris's CCTV camera places them at a documented training session from 21:30 to roughly 23:45.
5. Alejandro's VPN session log places them at a documented training session from 21:30 to roughly 23:45.
6. Jules's admin token was activated at 21:30 at the server farm.
7. The data theft required encryption key generation. Only Oren, Damaris, Jules have it among the suspects.
8. Jules had passed-over promotion, well-documented in HR records.
9. Oren's witness colleague places them at a hospital visit from 21:30 to roughly 23:45.
10. Dimitri's badge swipe places them at an offsite location from 21:30 to roughly 23:45.
11. Mahdi's SSH authentication log places them at a public event with hundreds of attendees from

. 21:30 to roughly 23:45.	A) Jules	B) Dimitri	C) Alejandro	D) Mahdi	E) Damaris	F) Oren
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CASE 02

A source code repository was extracted from the network closet of Quartermaine Cyber during the overnight window between 21:00 and 23:00. Investigators have narrowed the field to 5 suspects: Beatrix (contractor), Omari (intern), Tess (senior engineer), Mikael (product manager), Darya (security analyst).

Q Who extracted the source code repository?

1. Mikael's badge swipe places them at an offsite location from 21:00 to roughly 23:00.
2. Tess's MFA device was activated at 21:00 at the network closet.
3. Beatrix's VPN session log places them at an offsite location from 21:00 to roughly 23:00.
4. Tess had an ongoing dispute with management, well-documented in HR records.
5. MFA device access to the network closet is restricted to Tess, Darya.
6. Omari's VPN session log places them at a public event with hundreds of attendees from 21:00 to roughly 23:00.
7. Darya's MFA token log places them at a remote conference from 21:00 to roughly 23:00.
8. The data theft required complex schematic knowledge. Only Darya, Omari, Tess have it among the suspects.
9. Tess has no verifiable account of their whereabouts after 21:00.

A) Beatrix	B) Omari	C) Mikael	D) Tess	E) Darya
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CASE 03

A restricted donor file was taken from the staff break room of Pemberton Genealogy Center during the overnight window between 20:30 and 22:30. Investigators have narrowed the field to 6 suspects: Omari (genealogist), Yusuf (conservation specialist), Katarina (security officer), Arjun (administrator), Ula (clerk), Aaliyah (intern).

Q Who took the restricted donor file?

1. Katarina has no verifiable account of their whereabouts after 20:30.
2. Aaliyah's badge swipe places them at a remote conference from 20:30 to roughly 22:30.
3. Katarina had passed-over promotion, well-documented in HR records.
4. Ula's witness patron places them at a remote conference from 20:30 to roughly 22:30.
5. Research-room pass access to the staff break room is restricted to Katarina, Arjun, Ula.
6. The theft required encryption key generation. Only Katarina, Yusuf, Omari have it among the suspects.
7. Katarina's research-room pass was activated at 20:30 at the staff break room.
8. Omari's badge swipe places them at an offsite location from 20:30 to roughly 22:30.
9. Yusuf's reading-room sign-in places them at an offsite location from 20:30 to roughly 22:30.
- 10 Arjun's reading-room sign-in places them at a remote conference from 20:30 to roughly 22:30.

A) Yusuf	B) Katarina	C) Ula	D) Omari	E) Arjun	F) Aaliyah
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CASE 04

A calibration gauge was taken from the manager's office of Saint-Clair Machining during the overnight window between 20:00 and 22:45. Investigators have narrowed the field to 5 suspects: Odell (master mechanic), Fenella (welder), Finnegan (apprentice), Sora (machinist), Dario (painter).

Q Who took the calibration gauge?

1. Fenella has no verifiable account of their whereabouts after 20:00.
2. Dario's door sensor places them at a remote conference from 20:00 to roughly 22:45.
3. Fenella had outstanding financial debt, well-documented in HR records.
4. A discarded note near the scene briefly suggested Dario's involvement, but it was later traced to an unrelated incident.
5. Sora's tool-checkout log places them at a remote conference from 20:00 to roughly 22:45.
6. Fenella's tool-crib key was activated at 20:00 at the manager's office.
7. The theft required medical sedative protocols. Only Sora, Finnegan, Fenella have it among the suspects.
8. Finnegan's tool-checkout log places them at a hospital visit from 20:00 to roughly 22:45.
9. Tool-crib key access to the manager's office is restricted to Dario, Fenella.
- 10 Odell's time-clock log places them at a documented training session from 20:00 to roughly 22:45.

A) Odell	B) Fenella	C) Sora	D) Finnegan	E) Dario
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Deduction Mysteries

CASE 05

The prototype specifications were taken from the executive suite of Atlas Group during the overnight window between 21:00 and 23:15. Investigators have narrowed the field to 5 suspects: Lana (executive assistant), Kasper (HR director), Olive (legal counsel), Sigrid (records clerk), Jian (facilities coordinator).

Q Who took the prototype specifications?

1. Jian has no verifiable account of their whereabouts after 21:00.
2. The corporate theft required professional restoration training. Only Lana, Olive, Jian have it among the suspects.
3. Lana's door access record places them at a public event with hundreds of attendees from 21:00 to roughly 23:15.
4. Jian's admin credentials was activated at 21:00 at the executive suite.
5. Admin credentials access to the executive suite is restricted to Jian, Kasper.
6. Olive's door access record places them at a public event with hundreds of attendees from 21:00 to roughly 23:15.
7. Sigrid's witness account places them at a public event with hundreds of attendees from 21:00 to roughly 23:15.
8. Jian had an ongoing dispute with management, well-documented in HR records.
9. Kasper's security badge log places them at a remote conference from 21:00 to roughly 23:15.

A) Olive	B) Jian	C) Lana	D) Kasper	E) Sigrid
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CASE 06

A client contract data was extracted from the network closet of Solstice Labs during the overnight window between 19:00 and 21:15. Investigators have narrowed the field to 6 suspects: Cedric (support lead), Kai (data scientist), Jian (DevOps lead), Octavia (product manager), Bayan (senior engineer), Talia (CTO).

Q Who extracted the client contract data?

1. Jian had passed-over promotion, well-documented in HR records.
2. The data theft required advanced lock-picking expertise. Only Jian, Octavia, Cedric have it among the suspects.
3. Jian has no verifiable account of their whereabouts after 19:00.
4. Kai's badge swipe places them at a hospital visit from 19:00 to roughly 21:15.
5. Bayan's badge swipe places them at a hospital visit from 19:00 to roughly 21:15.
6. Jian's MFA device was activated at 19:00 at the network closet.
7. MFA device access to the network closet is restricted to Jian, Bayan.
8. Talia's badge swipe places them at a hospital visit from 19:00 to roughly 21:15.
9. Cedric's MFA token log places them at a hospital visit from 19:00 to roughly 21:15.
- 10 Octavia's MFA token log places them at a public event with hundreds of attendees from 19:00 to roughly 21:15.
- 11 A discarded note near the scene briefly suggested Bayan's involvement, but it was later traced to an unrelated incident.

A) Kai	B) Talia	C) Cedric	D) Jian	E) Octavia	F) Bayan
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Answer Key – Deduction Mysteries

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

Case 01 A) Jules

- ❑ The data theft required encryption key generation, admin token, and a motivating reason.
 - ❑ Oren has the skill but no admin token – cleared.
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Case 02 D) Tess

- ❑ The data theft required complex schematic knowledge, MFA device, and a motivating reason.
 - ❑ Beatrix lacks the required complex schematic knowledge – cleared.
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Case 03 B) Katarina

- ❑ The theft required encryption key generation, research-room pass, and a motivating reason.
 - ❑ Omari has the skill but no research-room pass – cleared.
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Case 04 B) Fenella

- ❑ The theft required medical sedative protocols, tool-crib key, and a motivating reason.
 - ❑ Odell lacks the required medical sedative protocols – cleared.
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Case 05 B) Jian

- ❑ The corporate theft required professional restoration training, admin credentials, and a motivating reason.
 - ❑ Lana has the skill but no admin credentials – cleared.
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Case 06 D) Jian

- ❑ The data theft required advanced lock-picking expertise, MFA device, and a motivating reason.
 - ❑ Cedric has the skill but no MFA device – cleared.
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