

WORKSHEET

# Tracing the Unauthorized Path: Participant Worksheet

Record evidence-supported answers | Two-hour offline workshop

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## 0. Preflight and examiner rule

Record only what the supplied evidence and policy context support. If a join cannot be proved, state the limitation and do not guess.

| Prompt                   | Your record |
|--------------------------|-------------|
| Python version           | _____       |
| Preflight result         | _____       |
| If it failed: last error | _____       |

## 1. Reconstruct the observed route

```
python3 workshop/scripts/run_core_case.py --out-dir workshop_output/core_case_a
```

### Edge 1

| Prompt               | Your record |
|----------------------|-------------|
| Source -> target     | _____       |
| Service and identity | _____       |
| Logon ID             | _____       |
| Network reference    | _____       |
| 4624 reference       | _____       |
| 4672 state/reference | _____       |

### Edge 2

| Prompt               | Your record |
|----------------------|-------------|
| Source -> target     | _____       |
| Service and identity | _____       |
| Logon ID             | _____       |
| Network reference    | _____       |
| 4624 reference       | _____       |
| 4672 state/reference | _____       |

## 1. Route decision

| Prompt                     | Your record |
|----------------------------|-------------|
| Identity entitled?         | _____       |
| Observed route authorized? | _____       |
| Destination critical?      | _____       |
| Finding                    | _____       |

### Evidence-supported explanation

| Prompt                         | Your record |
|--------------------------------|-------------|
| What happened                  | _____       |
| Why the classification follows | _____       |
| Evidence or context limitation | _____       |

## 2A. Loose versus strict correlation

```
python3 workshop/scripts/compare_join_modes.py
```

| Prompt                                | Your record |
|---------------------------------------|-------------|
| Loose candidate pairs                 | _____       |
| Strict lineage pairs                  | _____       |
| Unsupported assumption                | _____       |
| Evidence needed to support continuity | _____       |

## 2B. Ambiguous event 4648

```
python3 workshop/scripts/run_ambiguity_demo.py
```

| Prompt                    | Your record |
|---------------------------|-------------|
| Plausible source sessions | _____       |
| Transition state          | _____       |
| Asserted pivot sequences  | _____       |
| Reason for abstention     | _____       |

### Write the examiner statement

| Prompt                       | Your record |
|------------------------------|-------------|
| Supported observation        | _____       |
| Unconfirmed continuity       | _____       |
| Required additional evidence | _____       |

## 3. Entitlement versus route authorization

```
python3 workshop/scripts/run_policy_comparison.py
```

| Policy context             | Edges | Finding | Why |
|----------------------------|-------|---------|-----|
| Complete; route prohibited |       |         |     |
| Complete; route authorized |       |         |     |
| Incomplete evaluated scope |       |         |     |

| Prompt                                  | Your record |
|-----------------------------------------|-------------|
| Why edge count stays fixed              | _____       |
| Record needed to resolve missing policy | _____       |

## 4. Repeat the derivation

```
python3 workshop/scripts/run_core_case.py --out-dir workshop_output/core_case_b
```

| Prompt                           | Your record |
|----------------------------------|-------------|
| First derivation ID              | _____       |
| Second derivation ID             | _____       |
| Do they match?                   | _____       |
| Allowed non-deterministic fields | _____       |
| What matching IDs do not prove   | _____       |

## 5. Final reconstruction note

In four sentences, state the observed route, supporting evidence, policy conclusion, and remaining limitation.

| Prompt                 | Your record |
|------------------------|-------------|
| 1. Observed route      | _____       |
| 2. Supporting evidence | _____       |
| 3. Policy conclusion   | _____       |
| 4. Limitation          | _____       |

### Optional hybrid extension

| Prompt                                              | Your record |
|-----------------------------------------------------|-------------|
| Number of v2 edges                                  | _____       |
| Native evidence types                               | _____       |
| Why matching names do not prove identity continuity | _____       |