Working with Identities and Groups

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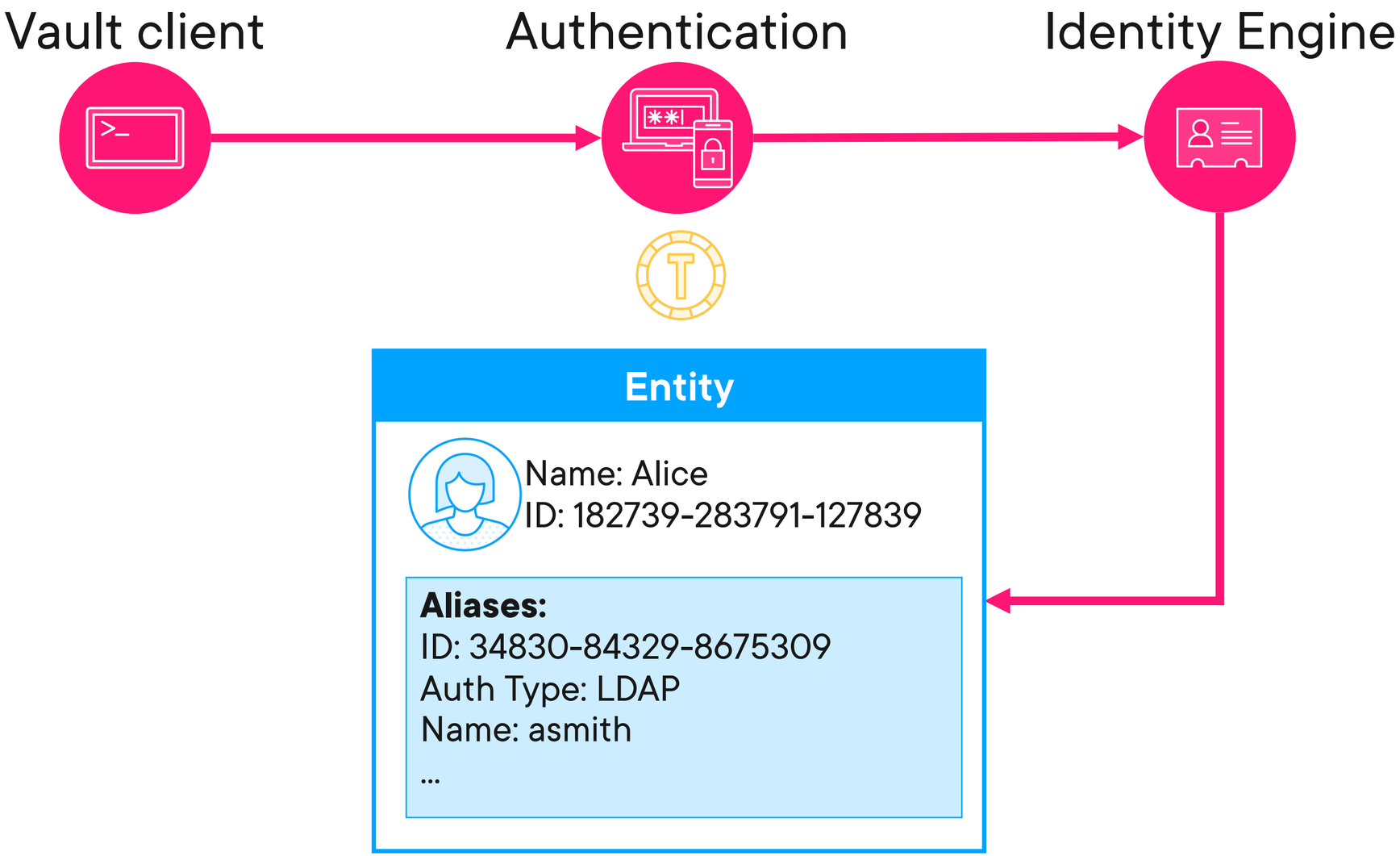
Identity Engine

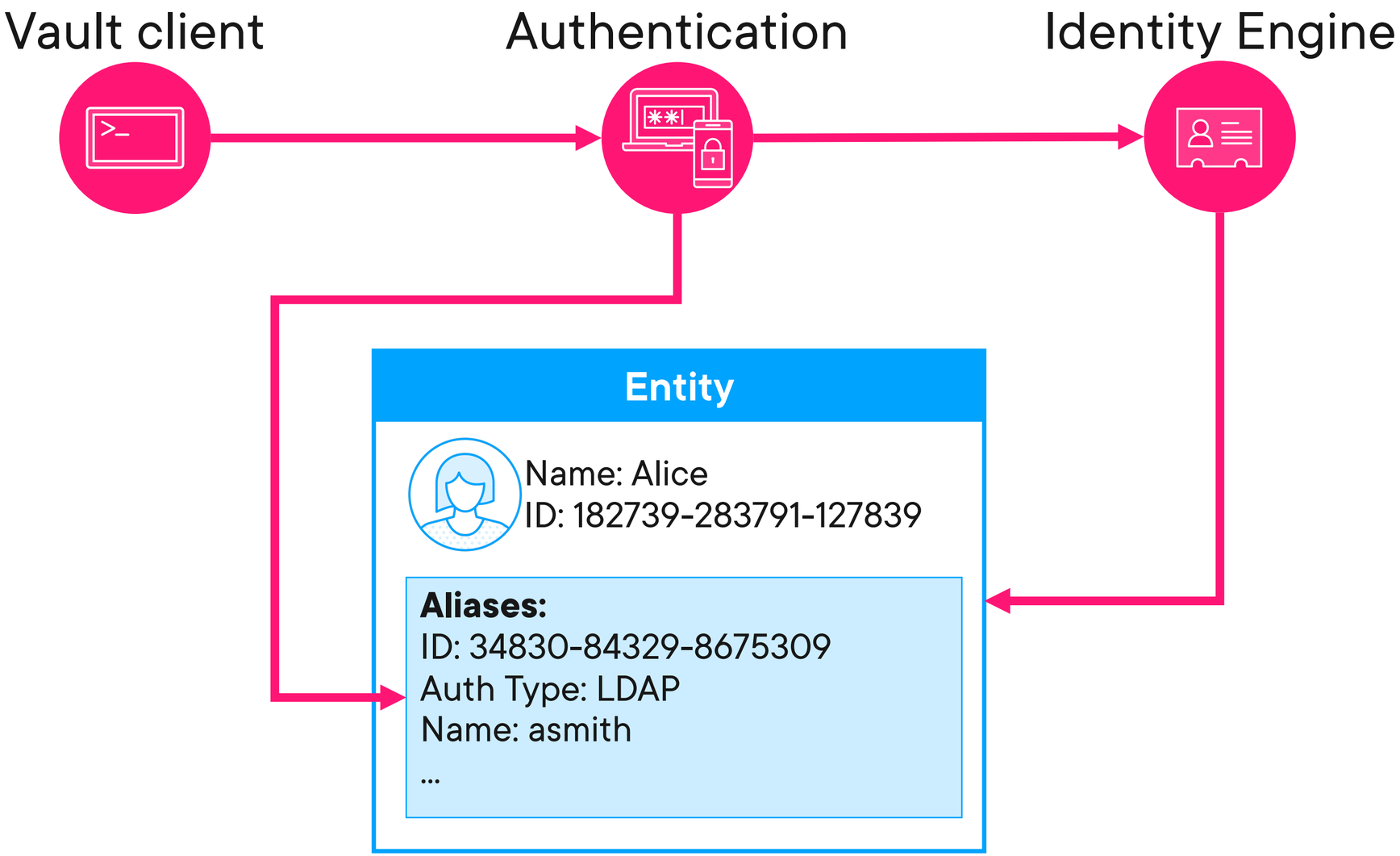


Entities

```
$ vault token lookup

Key                 Value
---                 -----
accessor            FFvXDXyBY2V4ipjF1FYMGcDl
creation_time       1738267717
creation_ttl        768h
display_name        userpass-arthur
entity_id           d38d7fe1-c890-88e9-5987-184ca3470a80
expire_time         2025-03-03T15:08:37.625389-05:00
explicit_max_ttl    0s
id                  hvs.CAESICwUX2h07TmpkoFaIEzR0XPqmE04Qj7S5sOD0k9IfY3zGh4KHG...
issue_time          2025-01-30T15:08:37.625389-05:00
meta                map[username:arthur]
```

Identity Engine

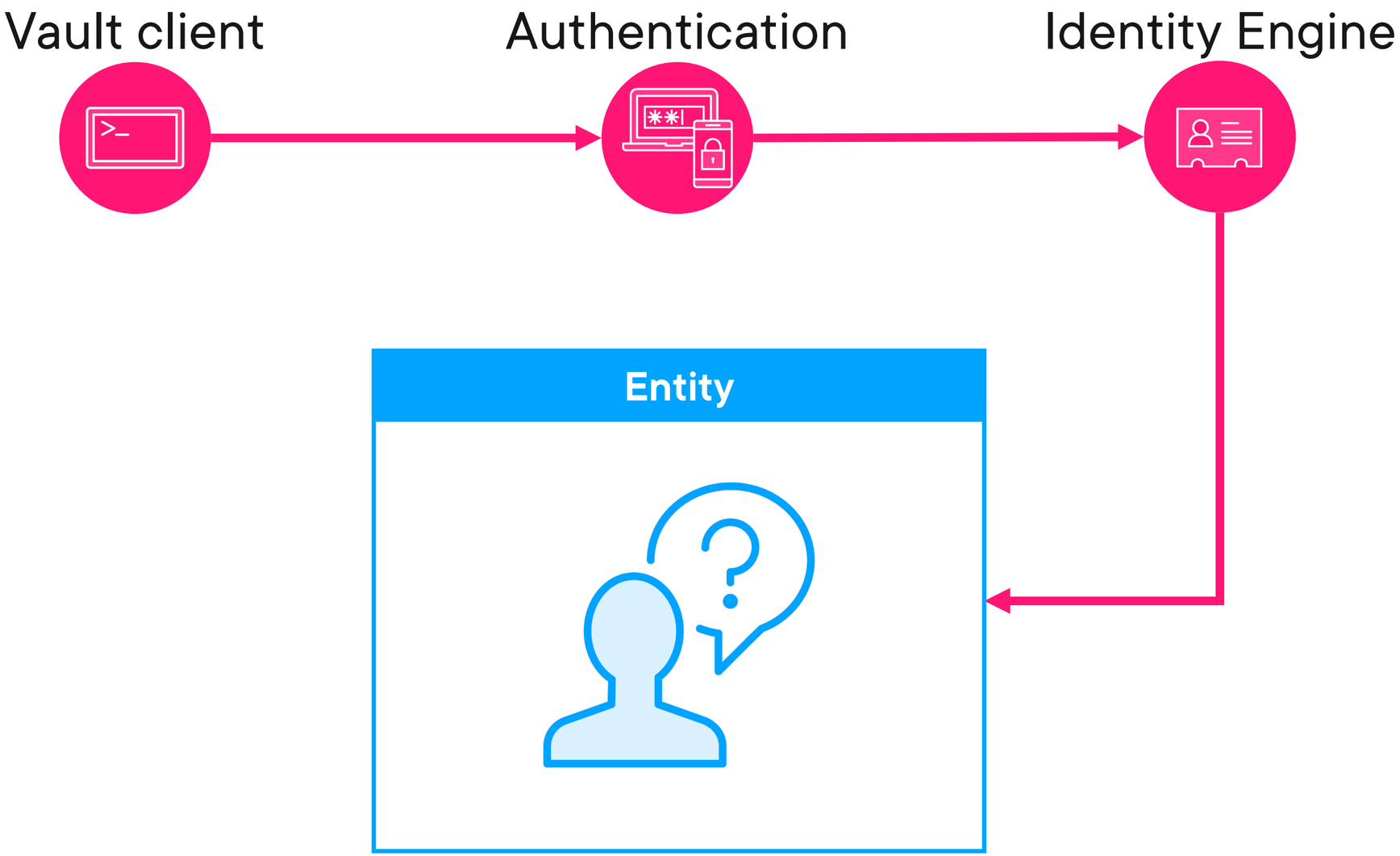


Audit Log

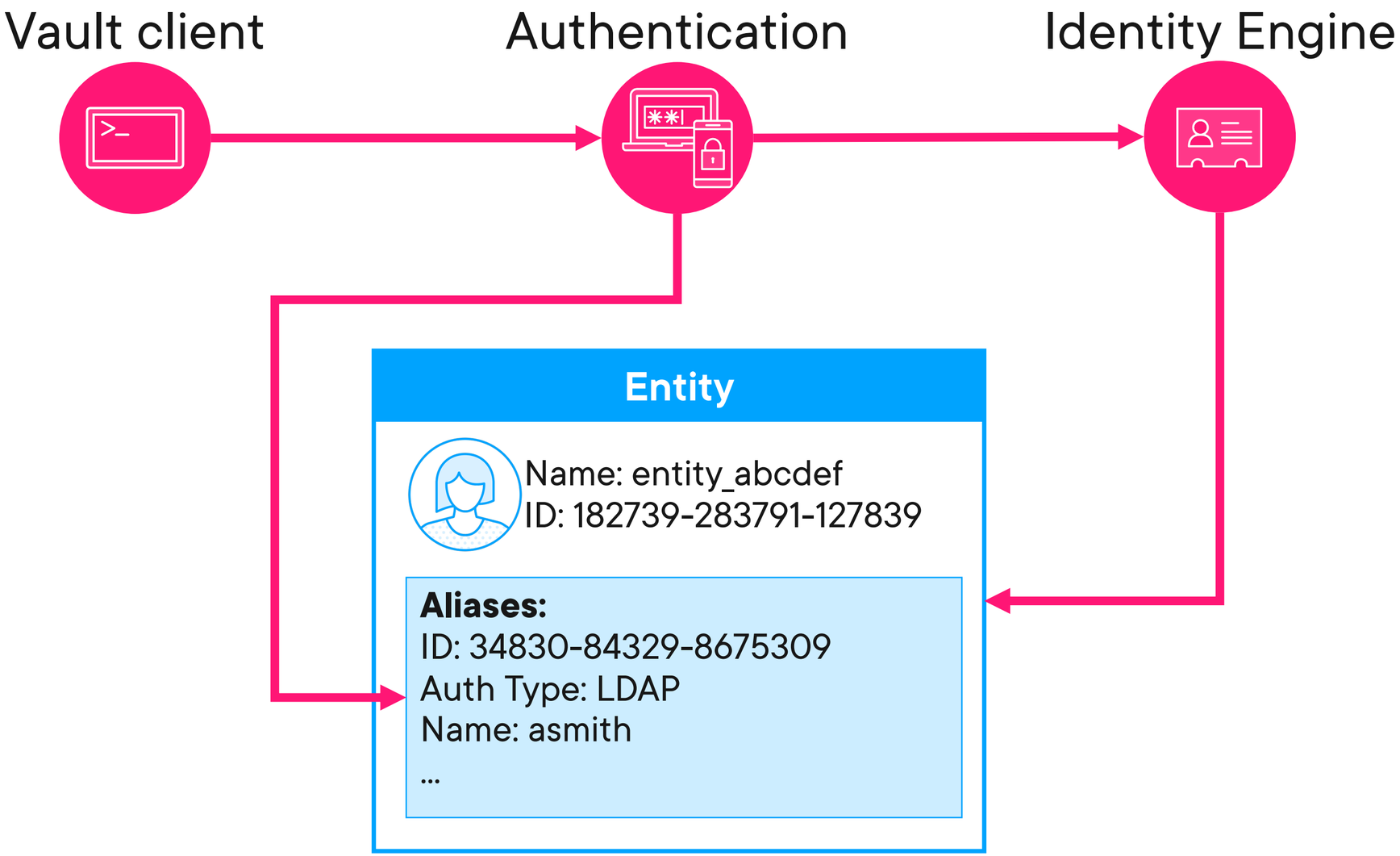
audit.log


```
{
    "auth": {
        "accessor": "hmac-sha256:2da38dde251bd3a475",
        "client_token": "hmac-sha256:c6662f1079121f",
        "display_name": "userpass-arthur",
        "entity_id": "d38d7fe1-c890-88e9-5987-184ca3470a80",
        "metadata": {
            "username": "arthur"
        },
        "policies": [
            "default"
        ],
        "policy_results": {
            "allowed": true,
         ...
```

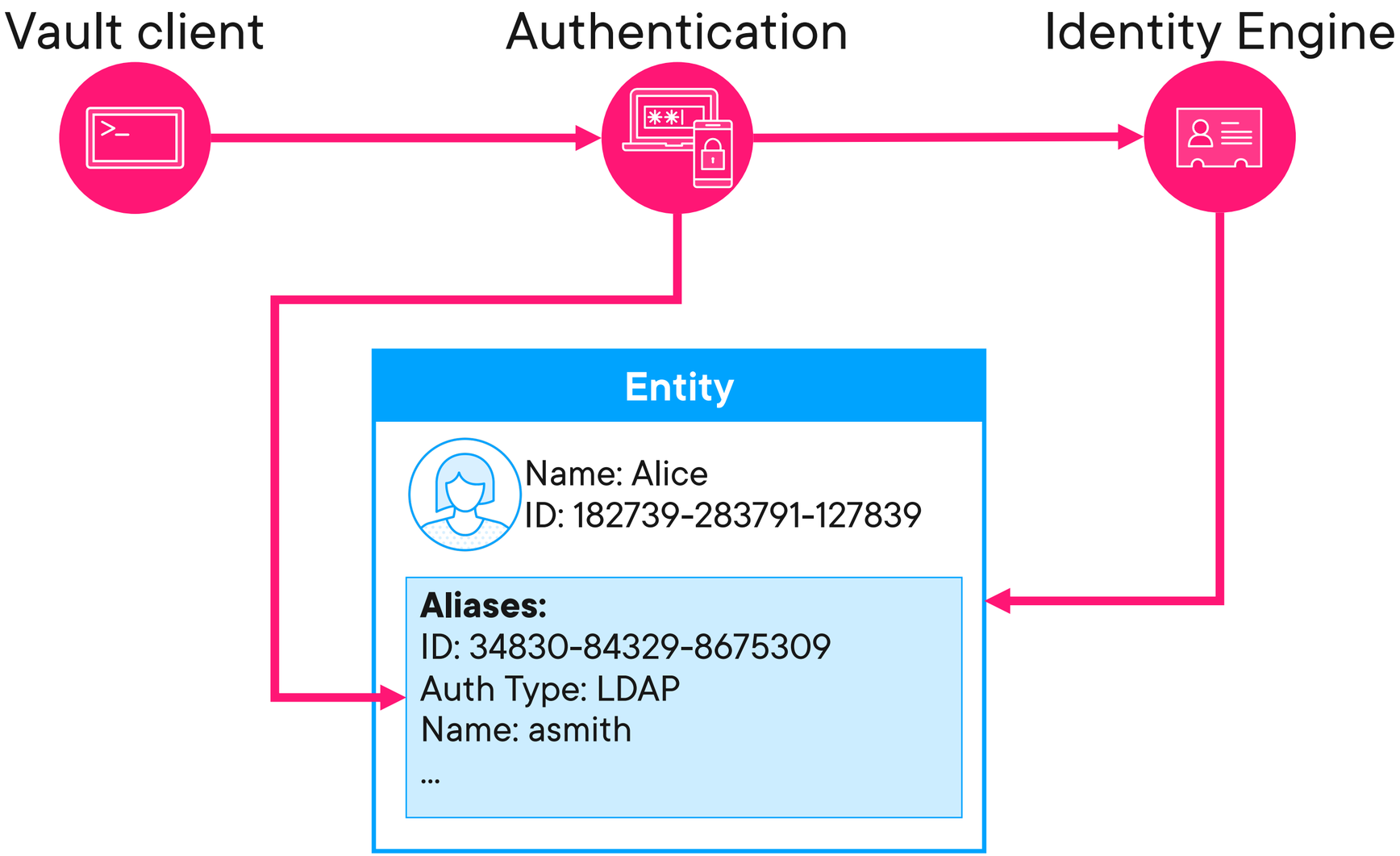
Entity Creation



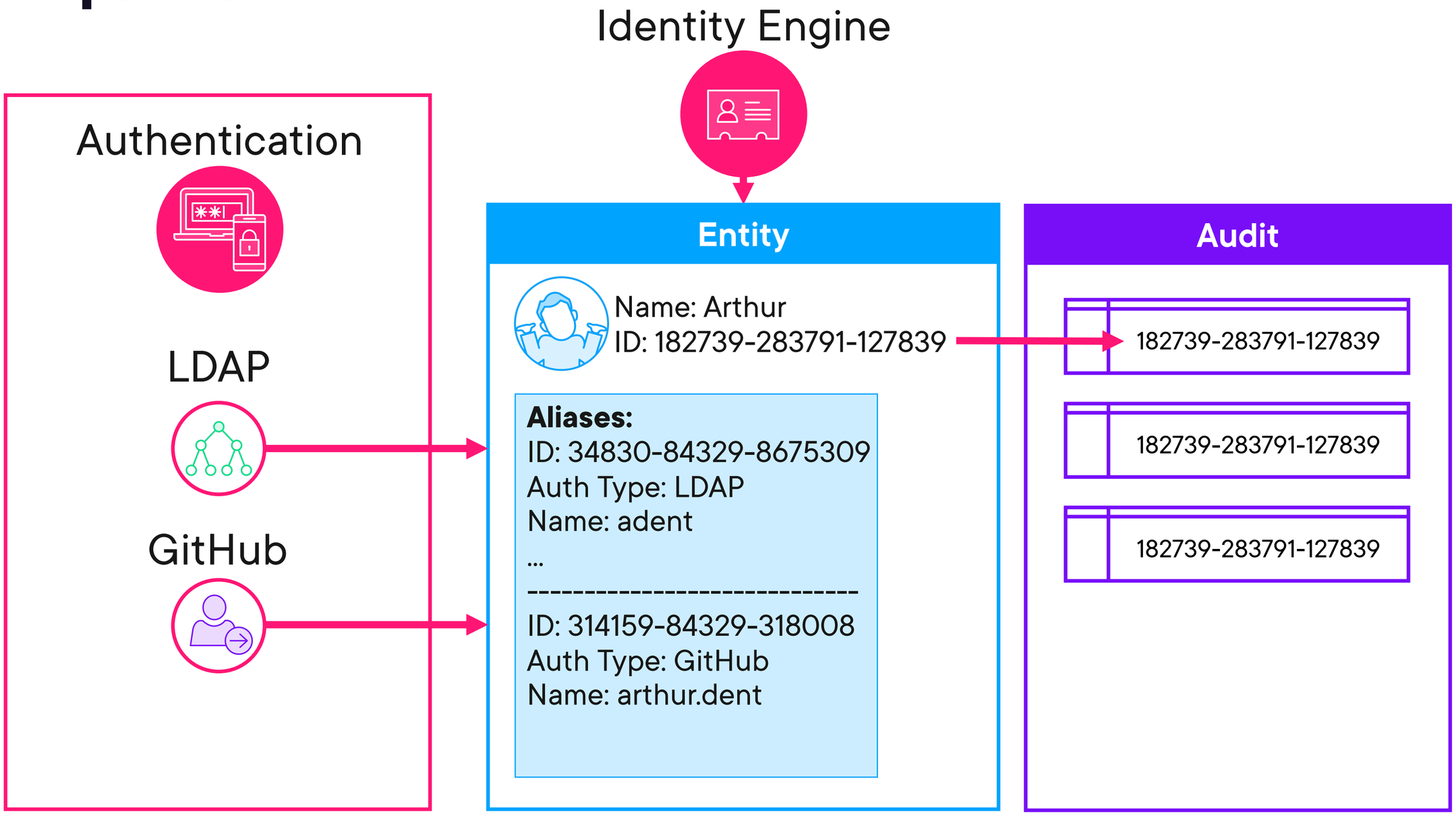
Entity Creation



Alias Association



Multiple Aliases



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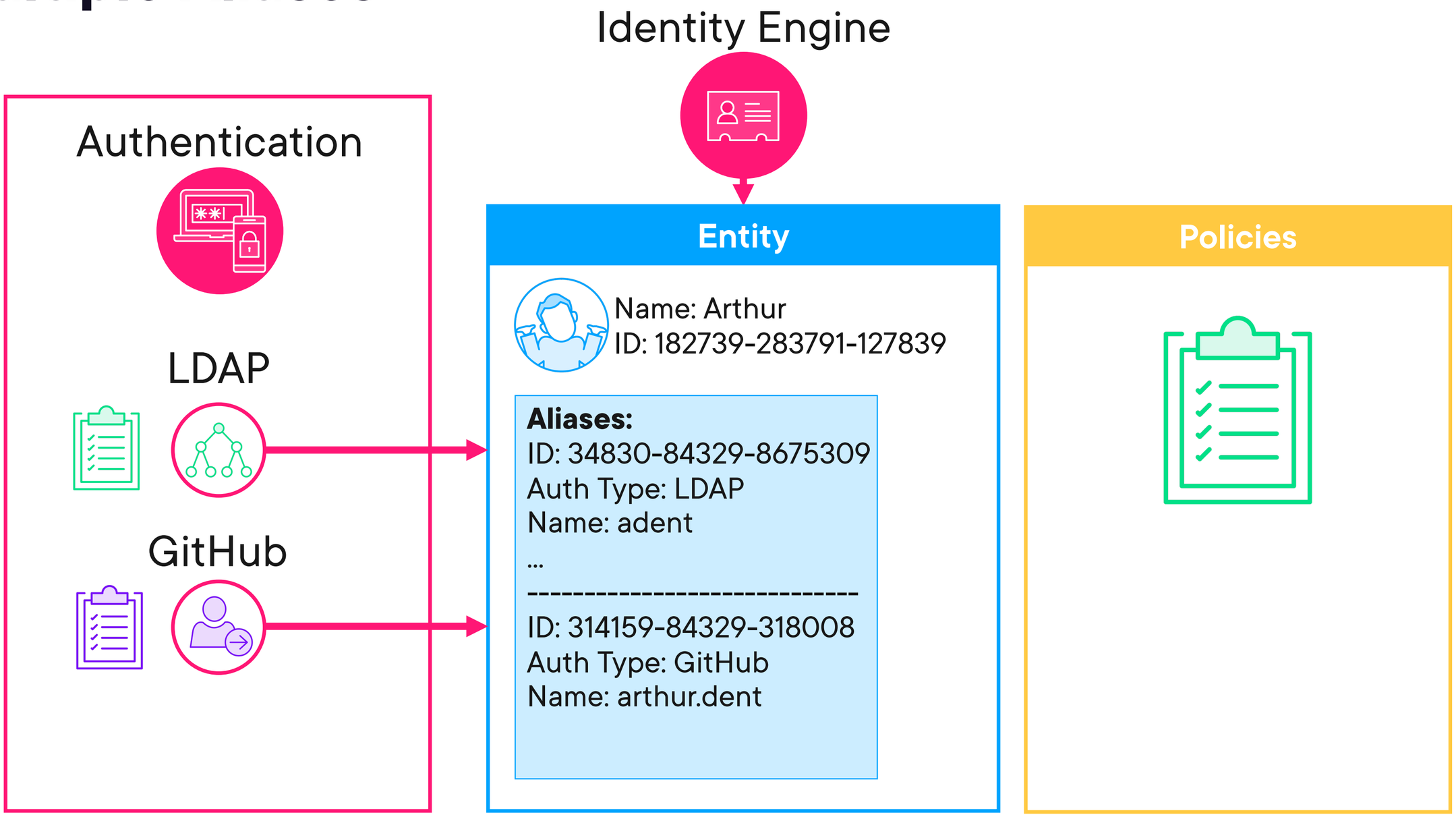
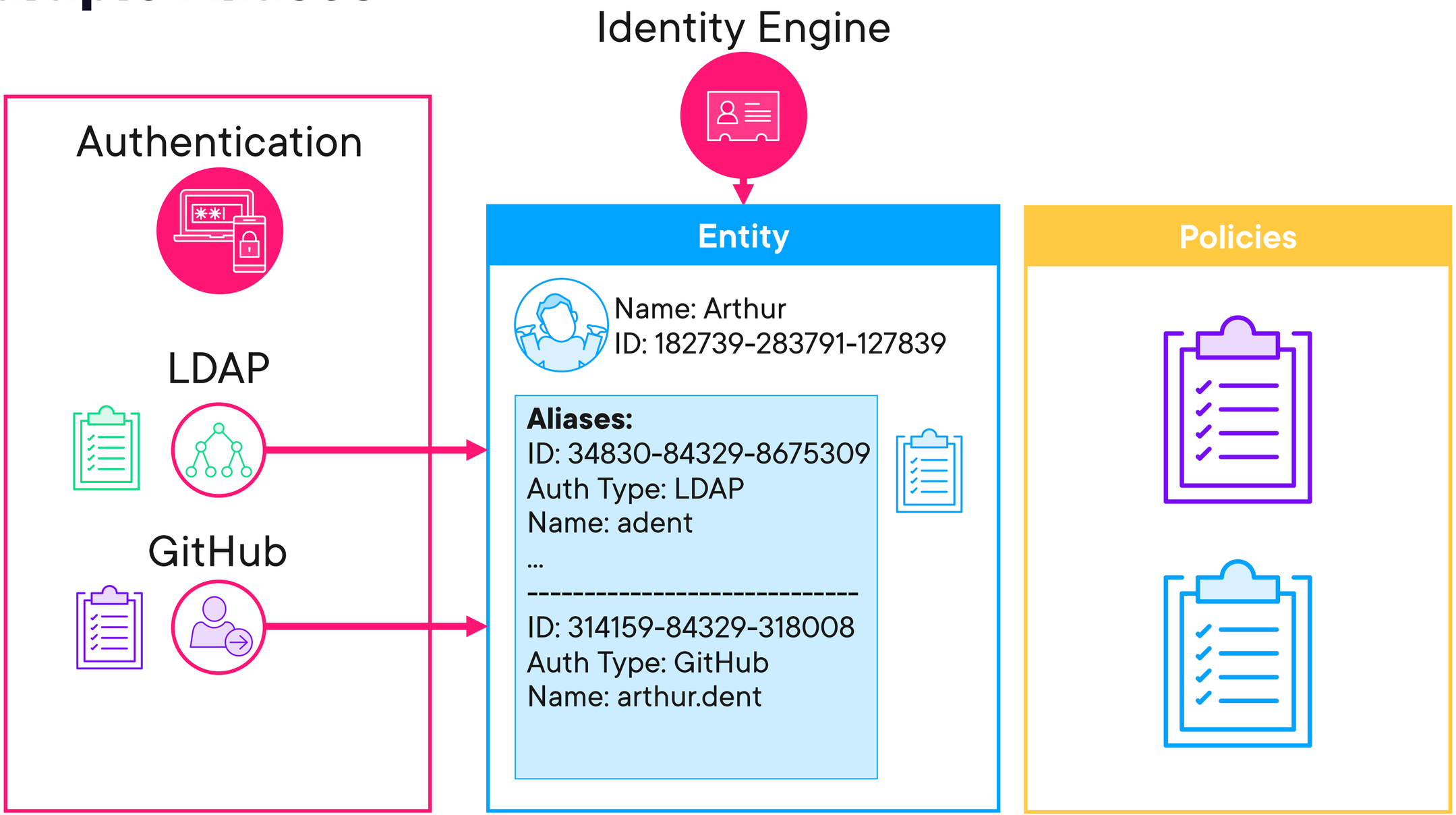
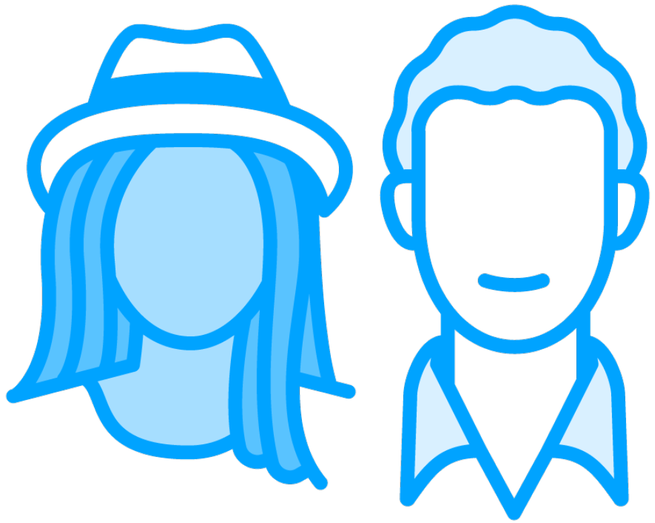


Multiple Aliases



Groups



External

- Alias from auth method
- Supports policies
- Evaluated at login or renewal

Internal

- Contains groups and entities
- Supports policies
- Can contain external groups