Teleport

Replacing Privileged Users With Automated Just-in-Time Access Requests

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Ideal Scenario

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1. Everyone with a least-privilege policy

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2. The ability to elevate privilege upon request and approval.

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4. To have automation in place to ease this workflow.

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Principle of Least Privilege: Giving a user account or process only the privileges which are essential to perform it's intended function.

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Everyone with a least-privilege policy

Principle of Least Privilege: Giving a user account or process only the privileges which are essential to perform it's intended function.

- Privileged Users

- Non-Privileged Users

Privileged Users

Privileged Users

- IT managers

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Privileged Users

- IT managers
- System admins

Privileged Users

- IT managers

- System admins

- Database admins

Privileged Users

- IT managers

- System admins

- Database admins

- Security team

- etc.

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- etc.

Blanket Access

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Eliminate Blanket Superusers

Non-Privileged Users

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The ability to elevate privilege upon request and approval

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The ability to elevate privilege upon request and approval

- Superuser role

The ability to elevate privilege upon request and approval

- Superuser role

- Production clusters role

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- Superuser role

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1. A role or resource is **requested**

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The ability to elevate privilege upon request and approval

- Superuser role

- Production clusters role

1. A role or resource is **requested**

2. This request is **approved**

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This elevated privilege needs to be just-in-time, or temporary, and not perpetual

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~~Standing Privilege~~

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- Elevated access should be a **just-in-time-access**

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- Elevated access should be a **just-in-time-access**

- Just-in-time access is a way to enforce the Principle of Least Privilege ensuring that users and service-accounts are:

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~~Standing Privilege~~

- Elevated access should be a **just-in-time-access**

- Just-in-time access is a way to enforce the Principle of Least Privilege ensuring that users and service-accounts are:

1. Given the minimum amount of access required.

2. Only given that access **temporarily**.

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To have automation in place to ease this workflow
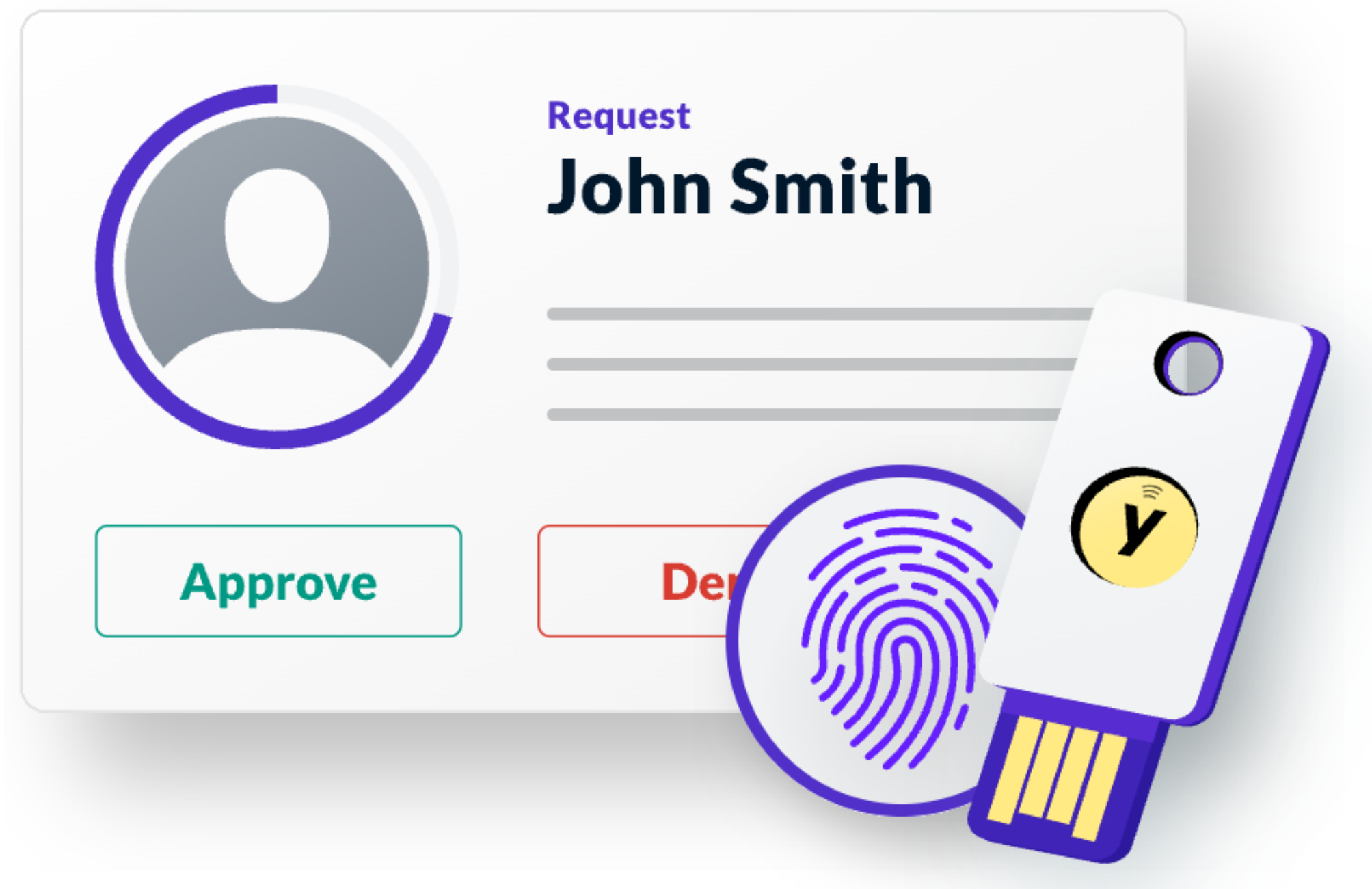
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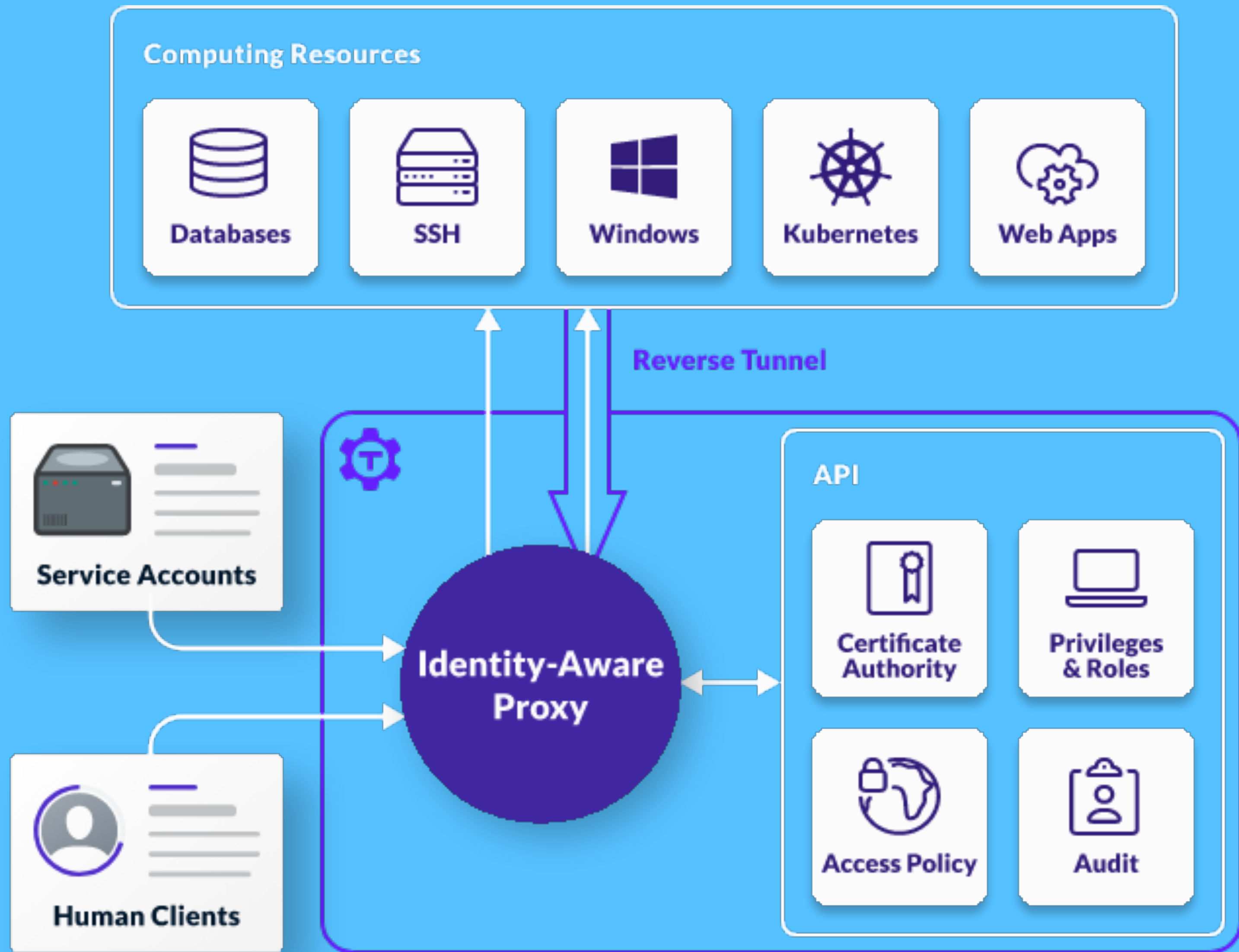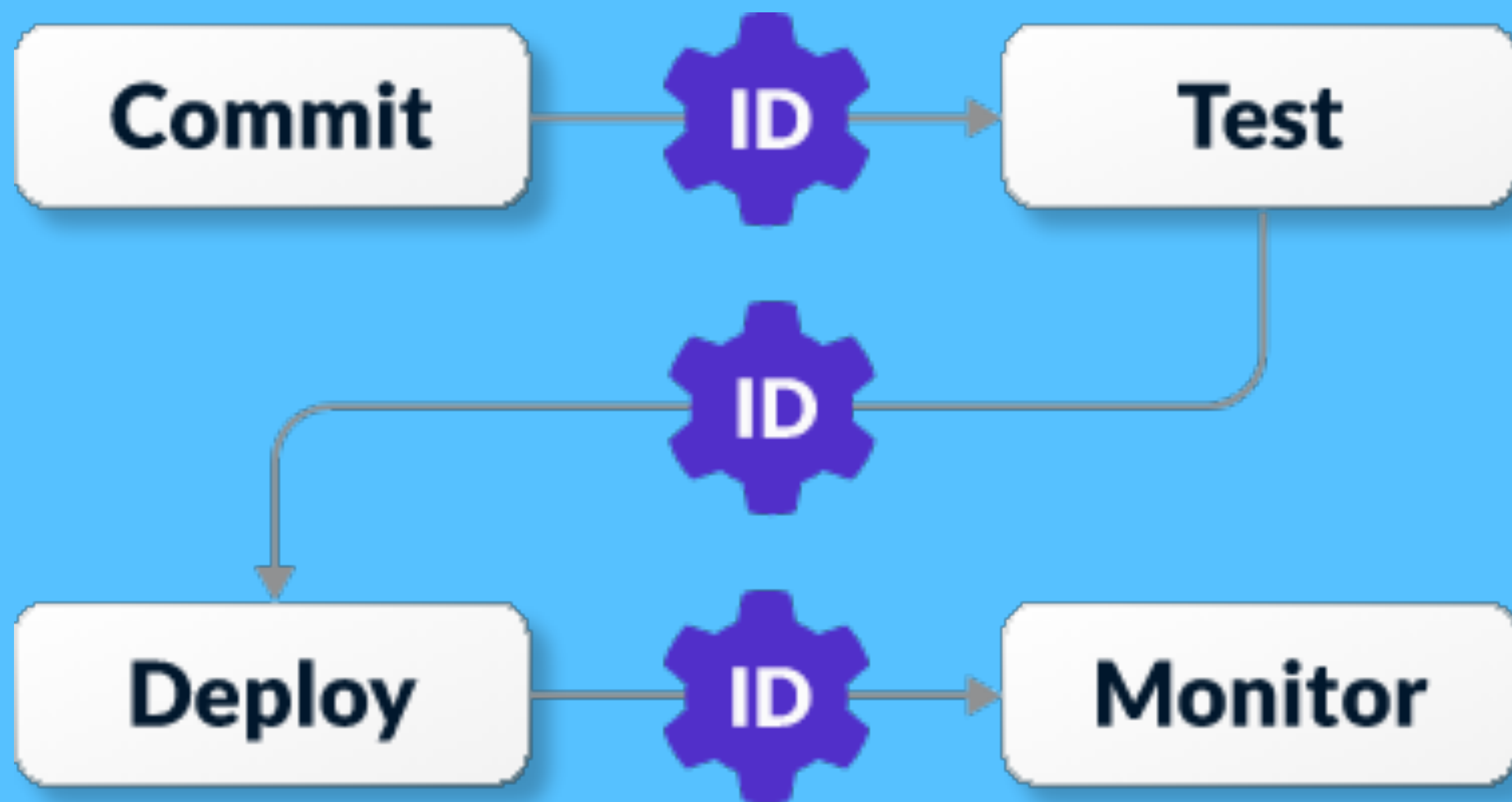4. To have automation in place to ease this workflow.

Objection!

Identity

Commit → **ID** → Test

ID

Deploy → **ID** → Monitor

Thanks!

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