



Streamline CI/CD with Just-in-Time Access

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**DEVOPS
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I'd like to help you save lots of time & effort.

Agenda

- The hassle of Secrets
- Get to know: Just-in-Time
- How to make it happen
- More benefits...

```
// define secret types
```

```
Secret = {  
    db-credentials,  
    access-token,  
    password,  
    ssh-private-key,  
    api-key,  
    and many more...  
}
```

A never ending task.

Creating credentials,
configuring access permissions,
resetting passwords,
finding the private key,
...



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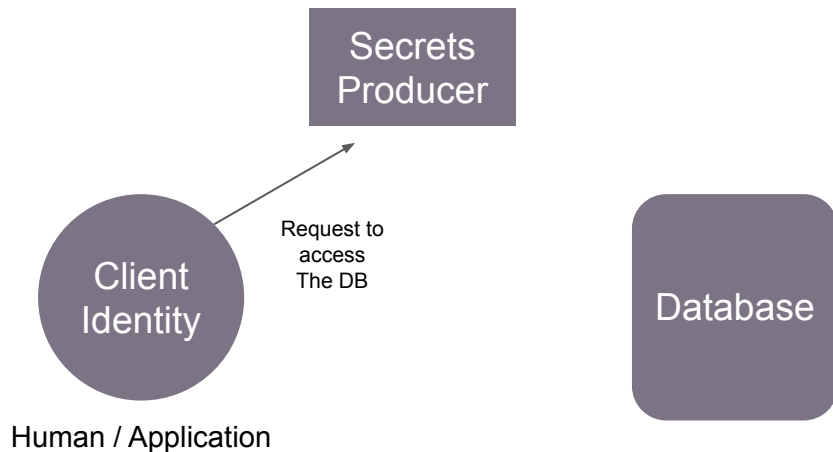
*for ANY resource, job, playbook, service,
application, cluster, server...
Not to mention team members.*



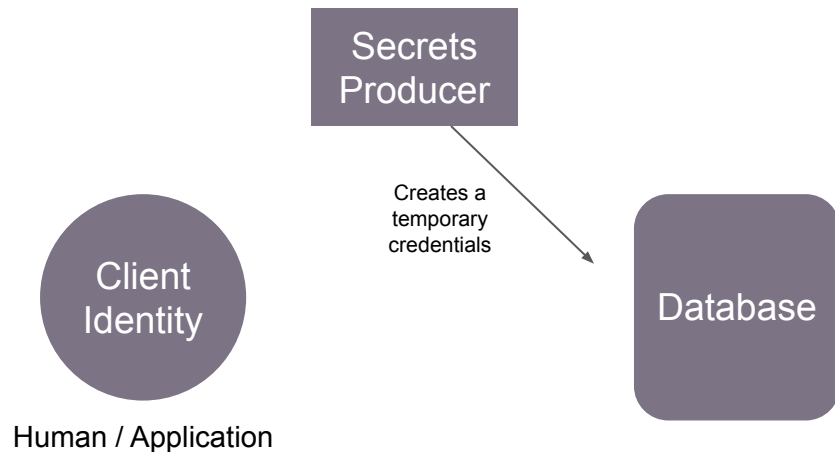
Just-in-Time Access

1. Default: no one gets permanent access, anywhere
2. Secret to be created per request, ad-hoc, on-demand
3. Secret expire / deleted automatically after use

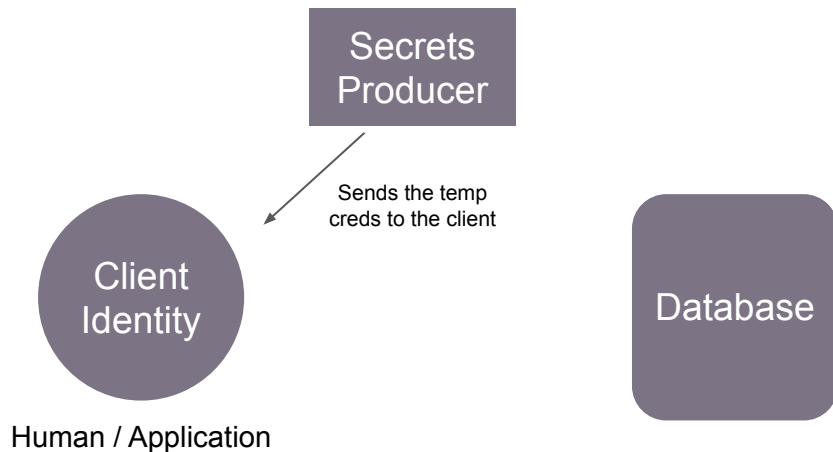
Just-in-Time Access - Step by Step



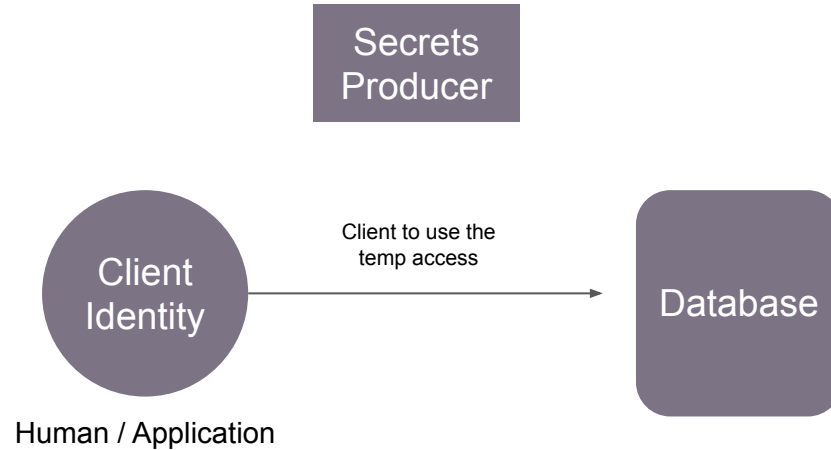
Just-in-Time Access - Step by Step



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Just-in-Time Access - Step by Step



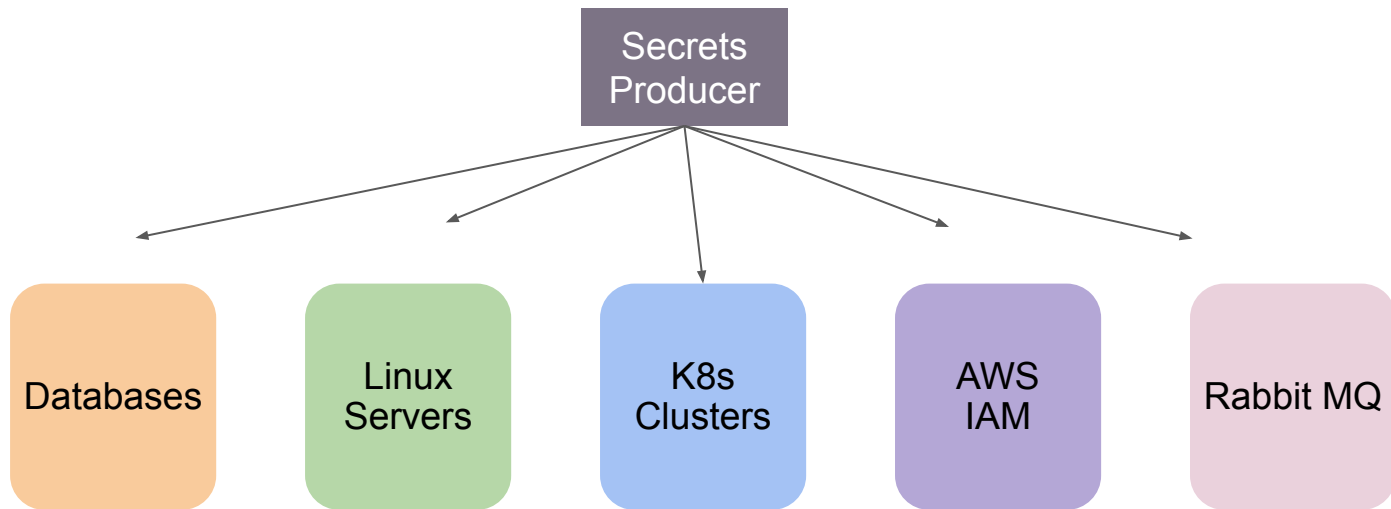
The Benefits

- Seamless
 - New access was created automatically, w/o manual labor
 - No need to 'provision' anything for **any new resource**
- Hygiene
 - Access is deleted automatically, w/o manual cleanup

Just-in-Time Access - In Action

- Demo: SSH Access
- Resource: Linux
- Client Identity: Human, using Okta
- Secret: short-lived SSH Certificate

How to make it happen?



And many many more resources...

Thanks for your time.

- I'm at oded@akeyless.io
- Further read: [Akeyless.io/blog](https://akeyless.io/blog)
 - <https://www.akeyless.io/just-in-time-access-done-right/>
 - <https://www.akeyless.io/eliminating-ssh-keys-is-possible/>
 - <https://www.akeyless.io/secrets-management-for-devops-best-practices/>



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