

A Peek Behind the Curtain: Securely Maintaining a Development Platform

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Document Markings

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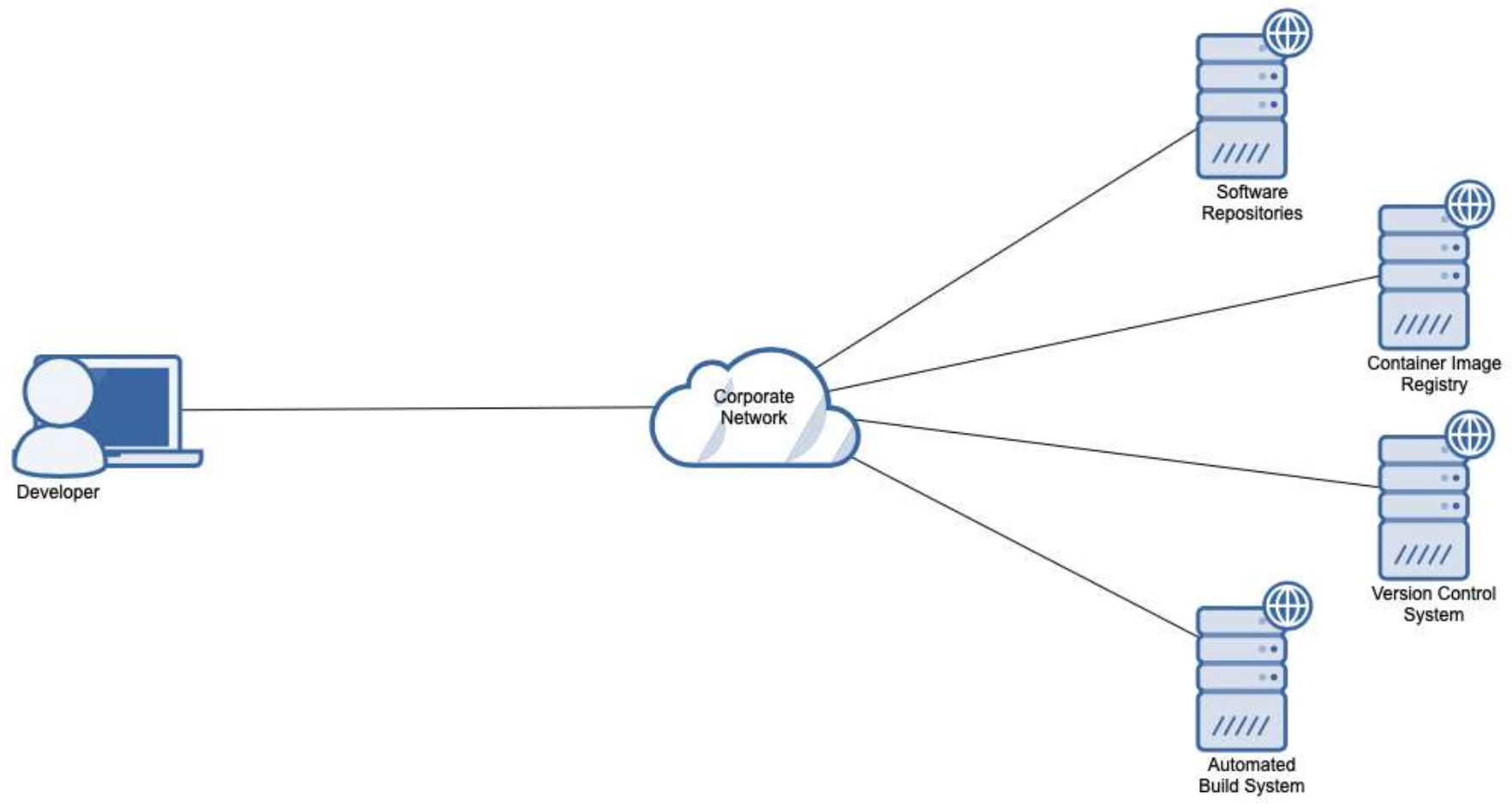
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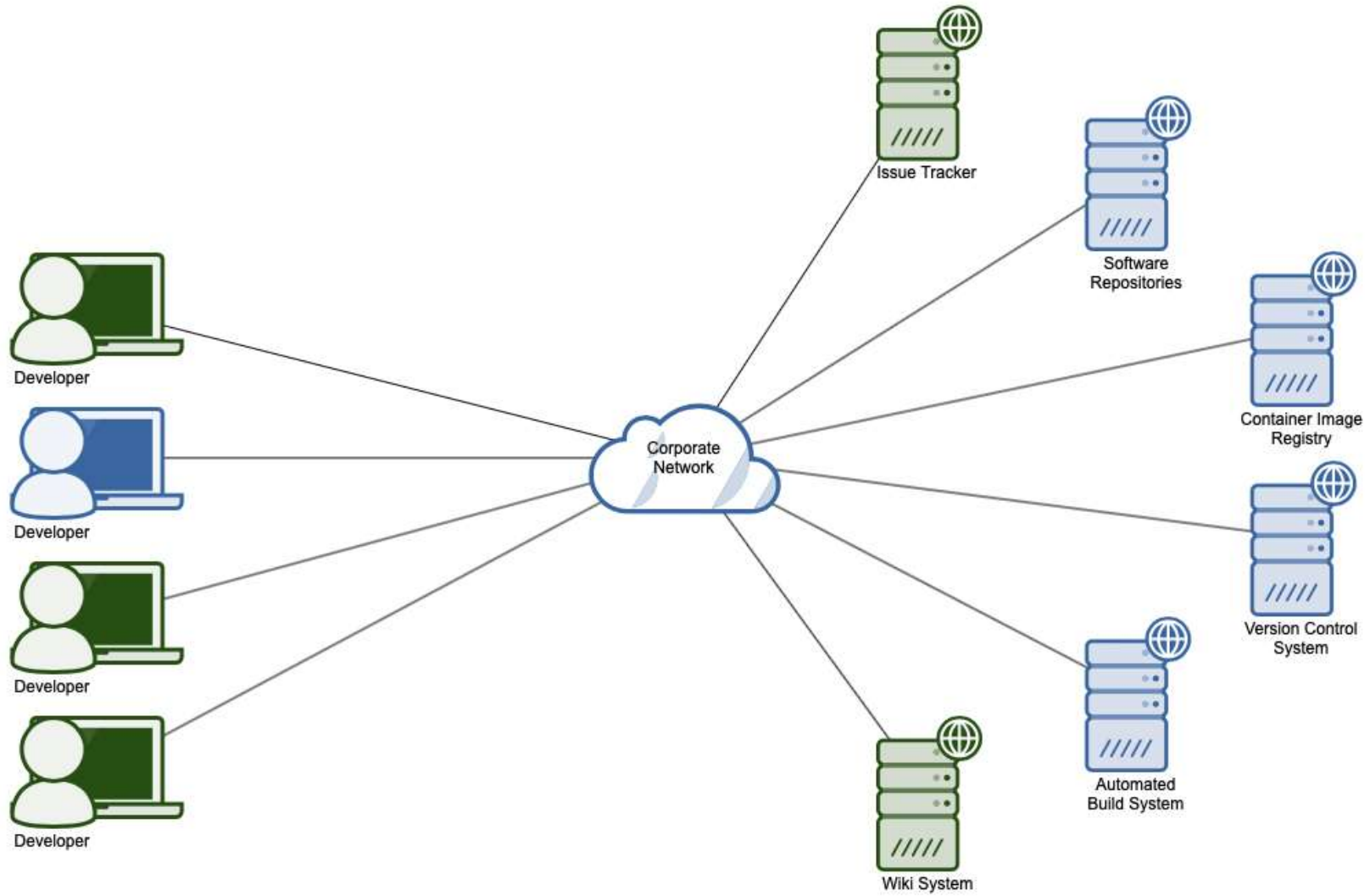
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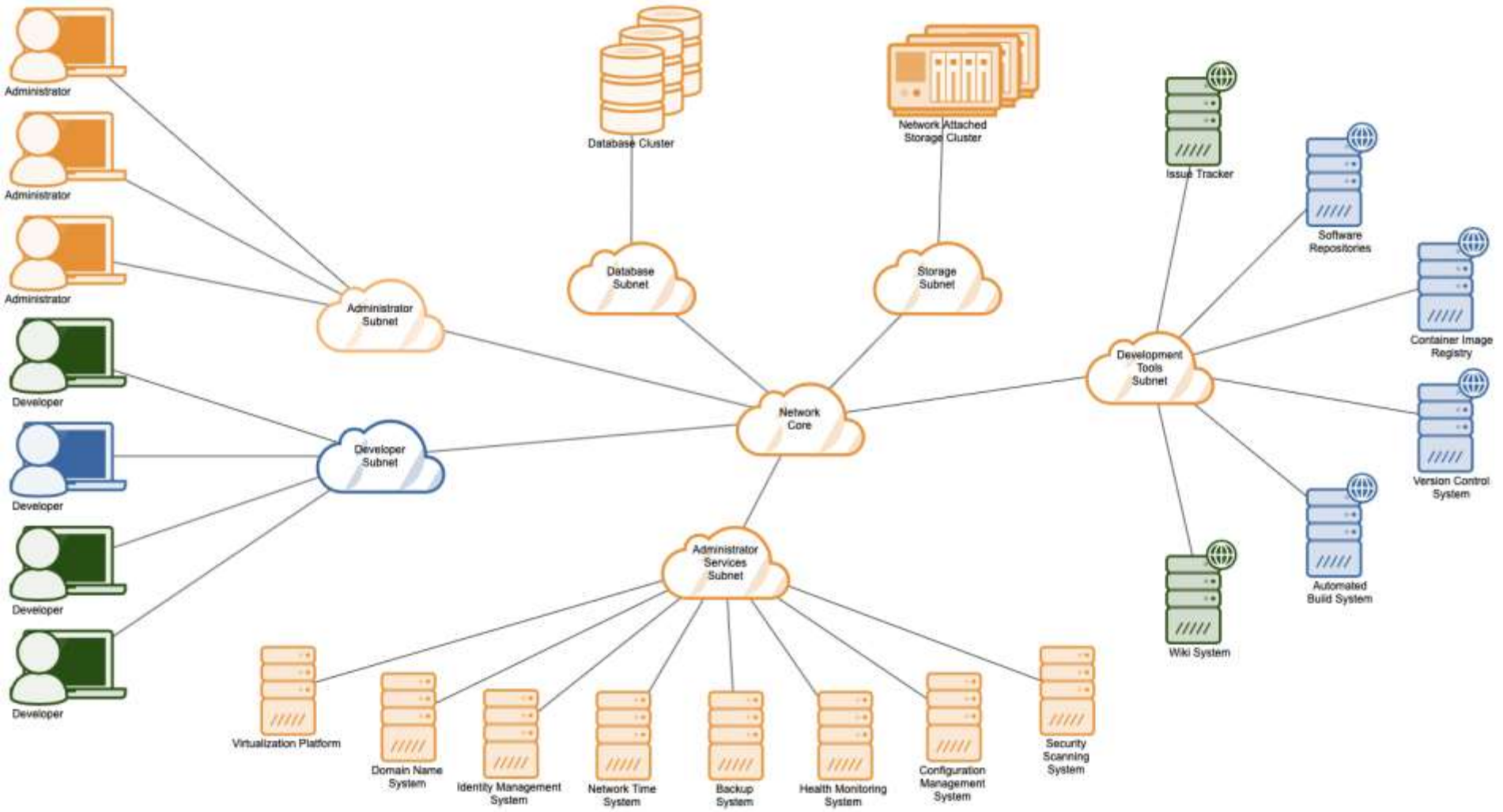
Developers' Perspectives

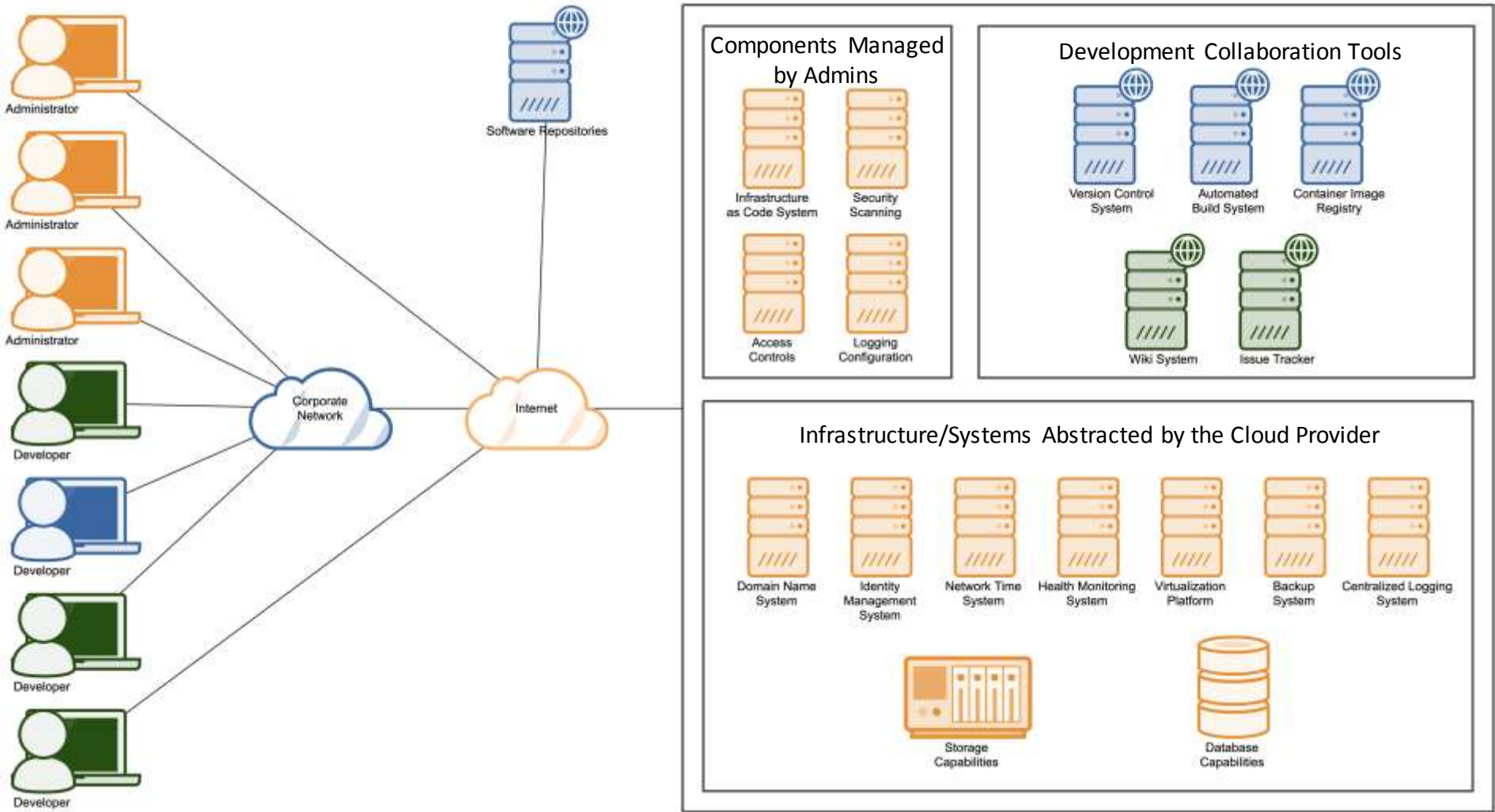




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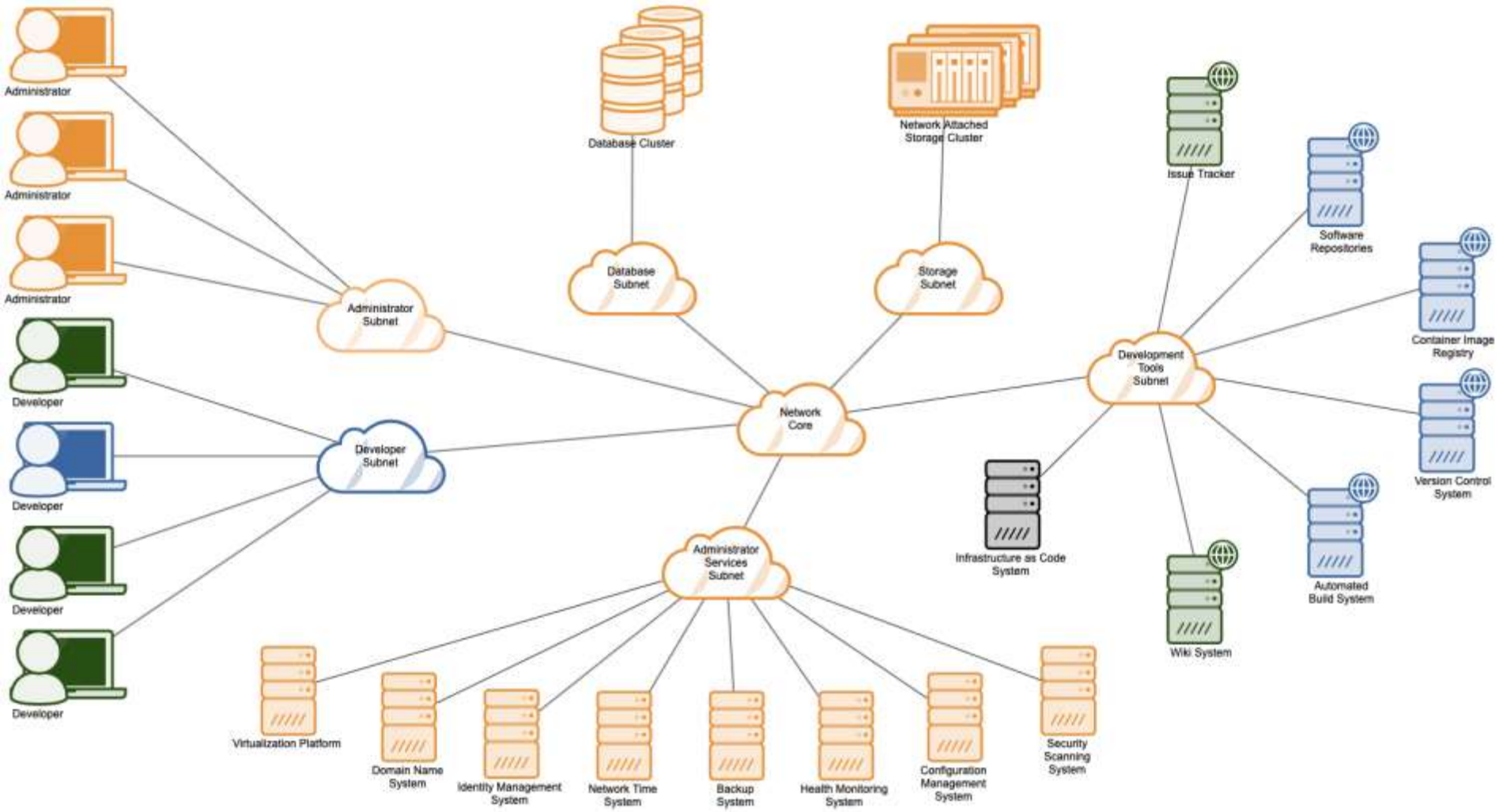
Infrastructure Administrators' Perspectives





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Secure Platform Design



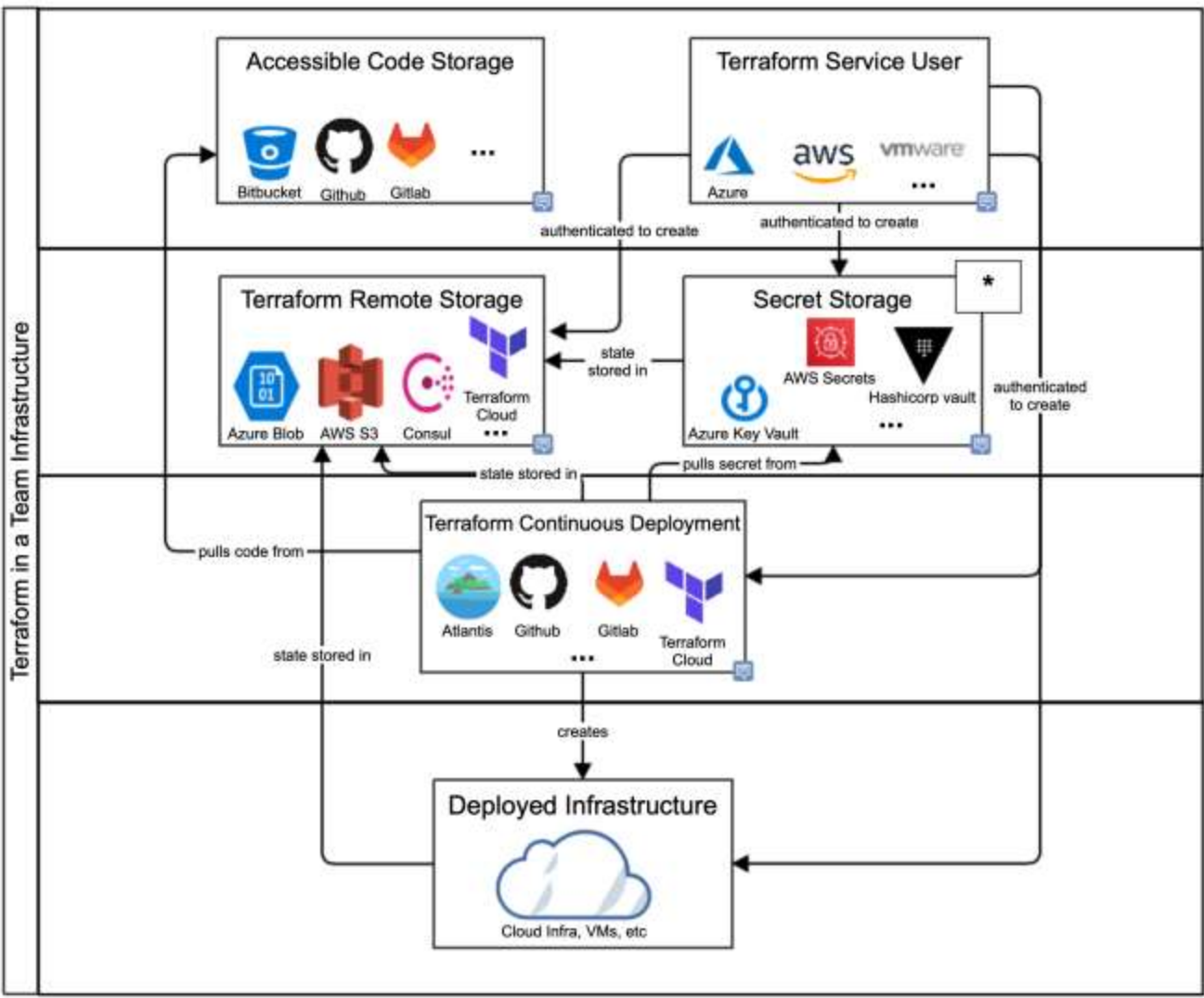
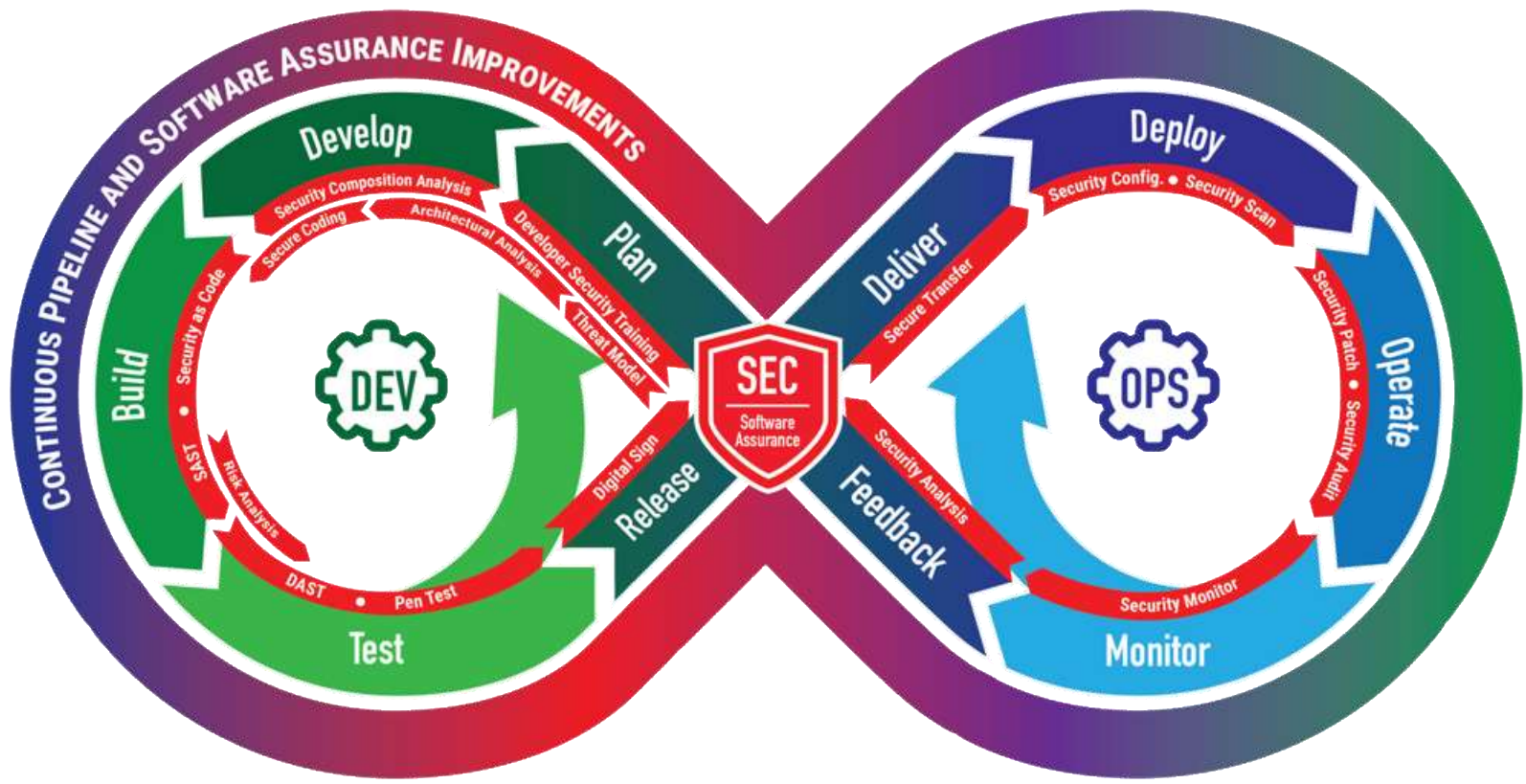


Diagram courtesy of Matt Heckathorn

DevSecOps Basics



Secure Component Operation

```
for each component do:
```

```
    define access roles and permissions for component  
    perform secure initial configuration of component  
    write documentation for component
```

```
while component in service
```

```
    patch component periodically  
    scan component for vulnerabilities periodically  
    audit component logs periodically  
    monitor component health
```

```
decommission component
```

Secure Environment Operation

- Understand the big picture
 - know which components must interact
 - determine how they will do so securely
- Understand the impact of changes
 - adding/removing components
 - reconfiguring components
 - adding automation
- Curate the documentation

Contact Us



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DevSecOps Pipeline

