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DevOps Beyond Myths & Legends

Simplifi'ED & IT Challenge – Etienne Deneuve

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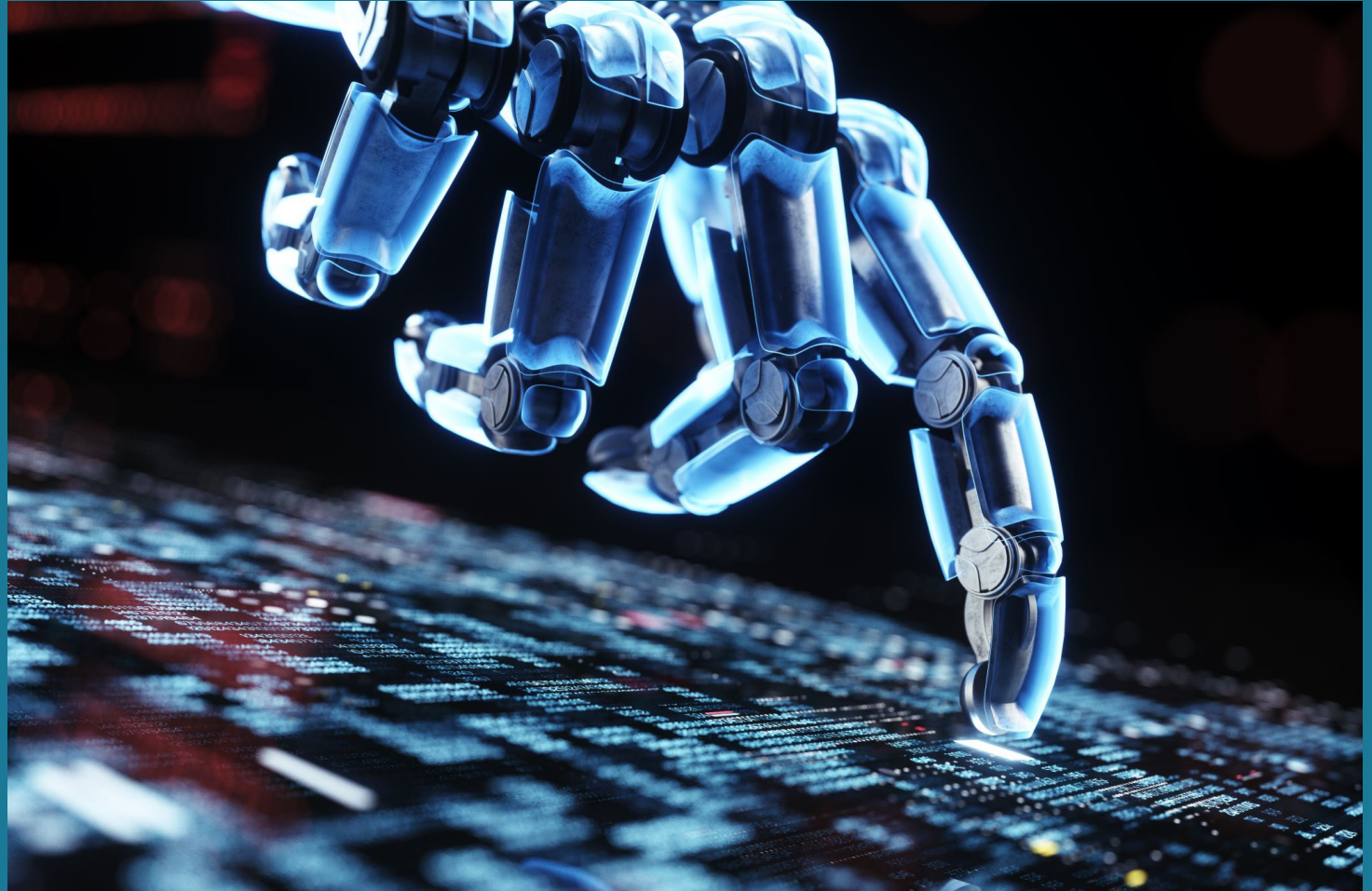
Common Myths about Devops



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Myth #1:

DevOps is just
about automation



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Myth #2: DevOps is only for startups



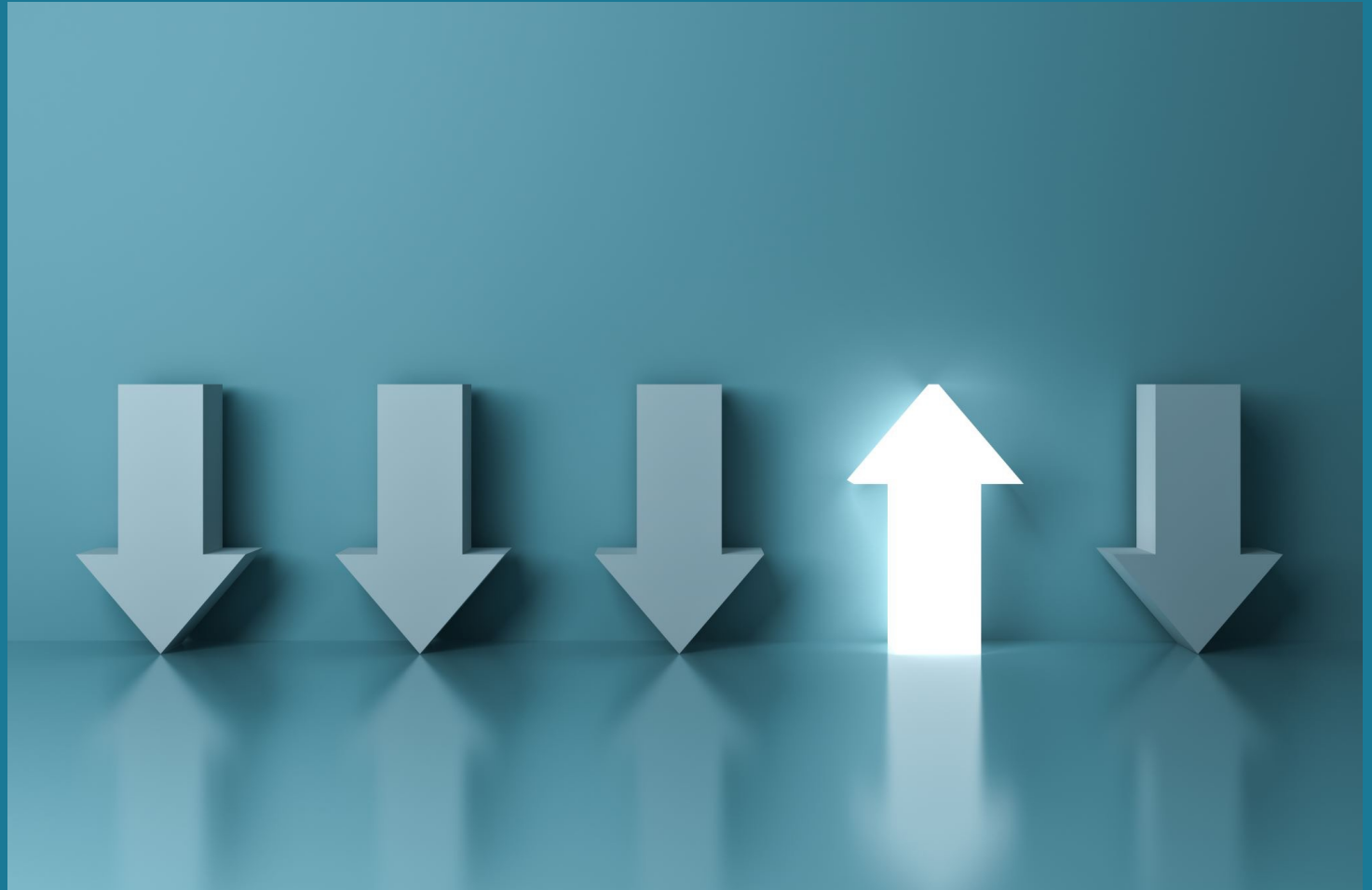
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Myth #3: DevOps is just a set of tools



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Myth #4: DevOps replaces traditional IT operations



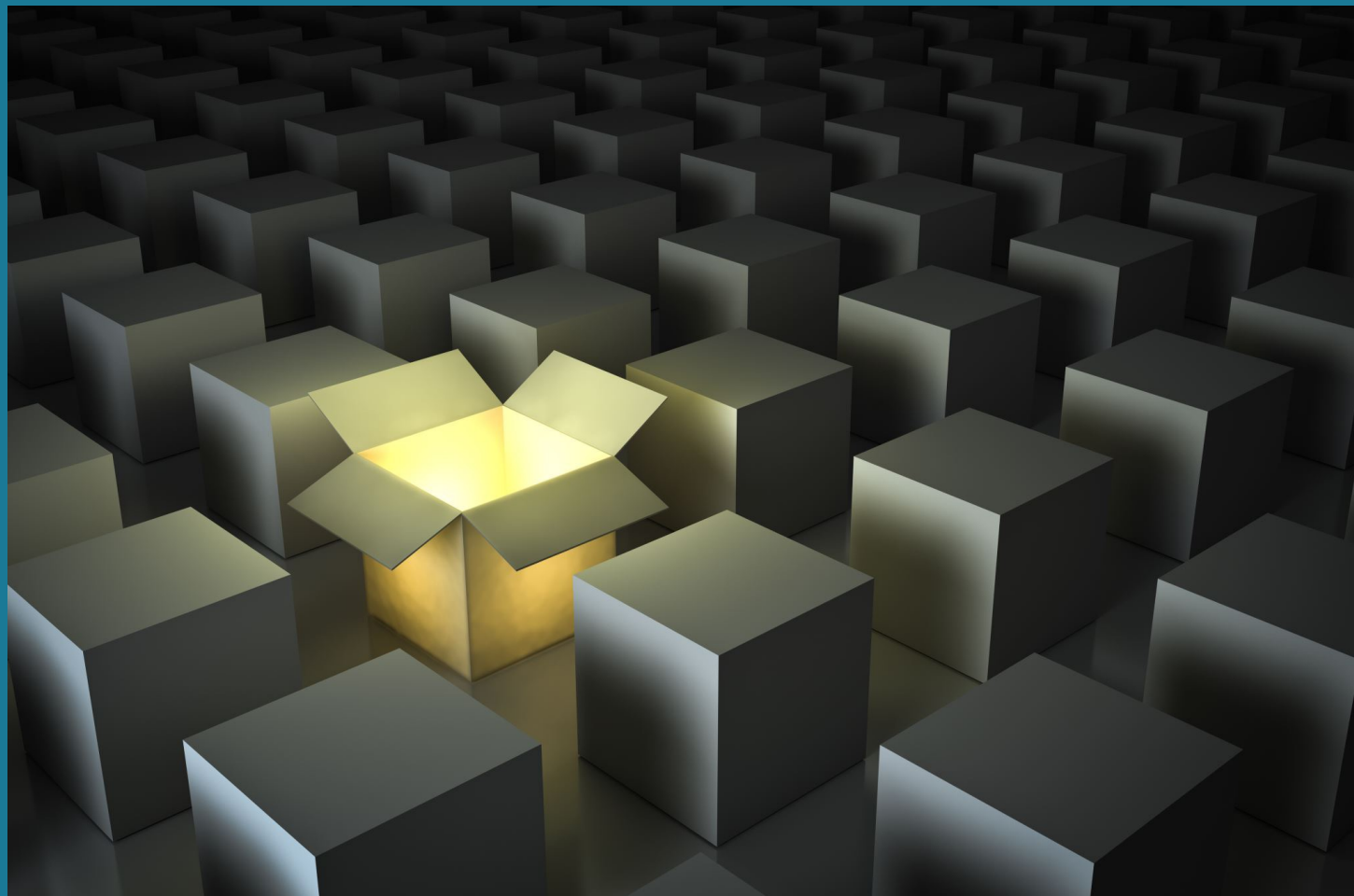
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Myth #5: DevOps is only for software development.



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The DevOps reality



What is DevOps?



DevOps is a multi-skilled team that makes computer programs.



The team has developers and operations who work together.



They save the day and make amazing programs!

Why is DevOps important?



DevOps helps teams to work faster.



When everyone works together, they catch problems earlier and save the program.

How does DevOps work?



DevOps uses tools to make teamwork better.



They might use automation to do boring stuff or communication tools to talk to each other.

What are the benefits of DevOps?



DevOps makes awesome programs faster.



It saves time and money and make customers happy.

Some examples of DevOps tools



DevOps tools are like magic wands!



They can do things automatically.

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DevOps Concepts

Collaboration:

- DevOps is about teamwork! Developers and operations work together to make great things.

Automation:

- DevOps uses robots and machines to do boring tasks, so people can focus on fun things.

Continuous Integration:

- DevOps teams work on small pieces of a project at a time, so they can put them together quickly and easily.

Continuous Delivery:

- DevOps teams make sure their programs work perfectly before they share them with others.

Continuous Monitoring:

- DevOps teams watch their programs after they are shared to make sure they keep working perfectly.

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DevOps Cycle



Plan



Code



Build



Test



Release



Deploy



Operate



Monitor

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Useful Terms



Pet



Cattle



Snowflake



Immutable



$$f(f(x)) = f(x)$$

Idempotent