

Cloud Technologies



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Infrastructure as a Service (IaaS)



Amazon EC2

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Products

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Pricing

Getting Started

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English

My Account

Create an AWS Account

Amazon EC2

Overview

Features

Pricing

Instance Types

FAQs

Getting Started

Resources

Amazon EC2

Secure and resizable compute capacity in the cloud. Launch applications when needed without upfront commitments.

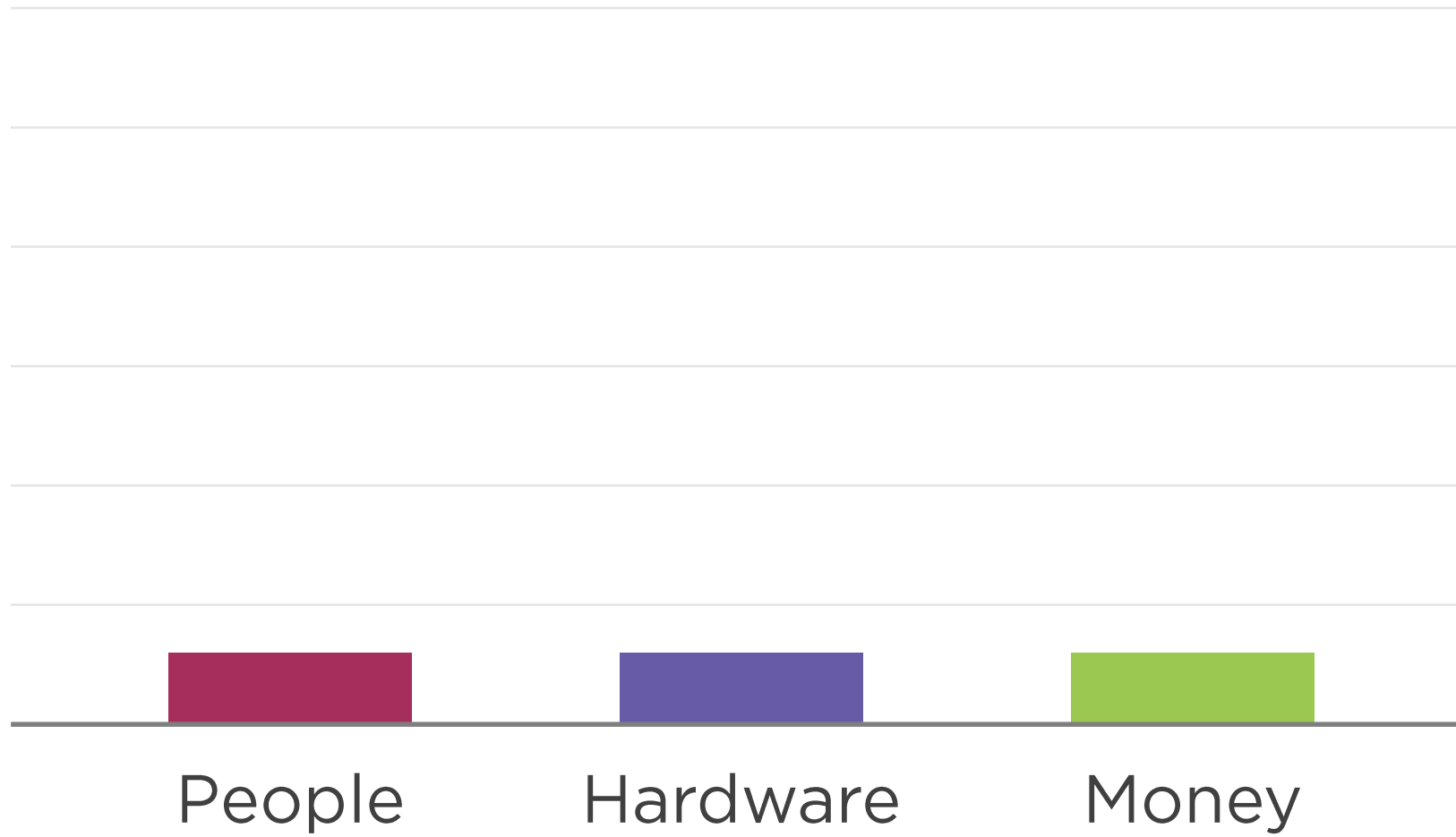
Get started with Amazon EC2

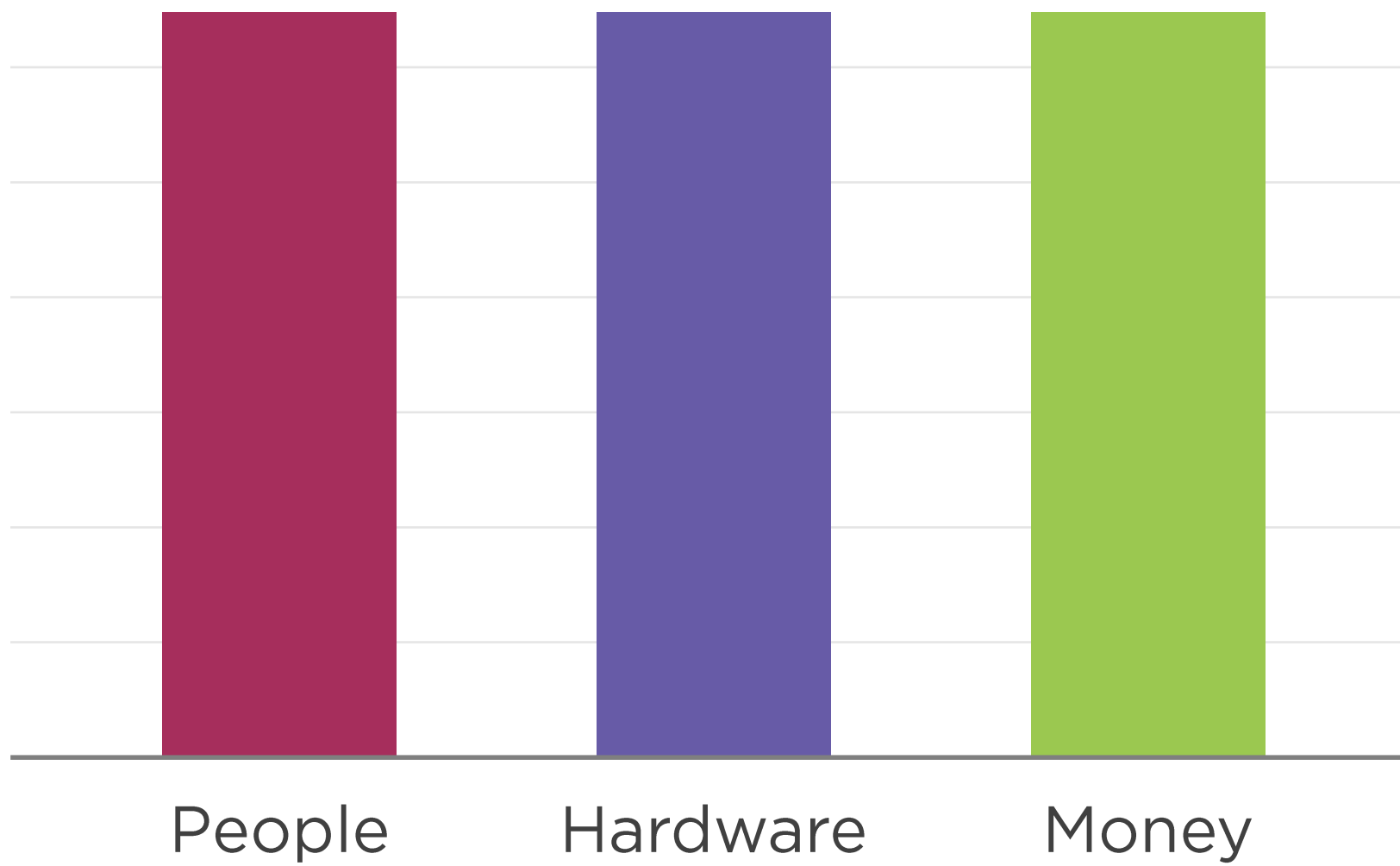
Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.

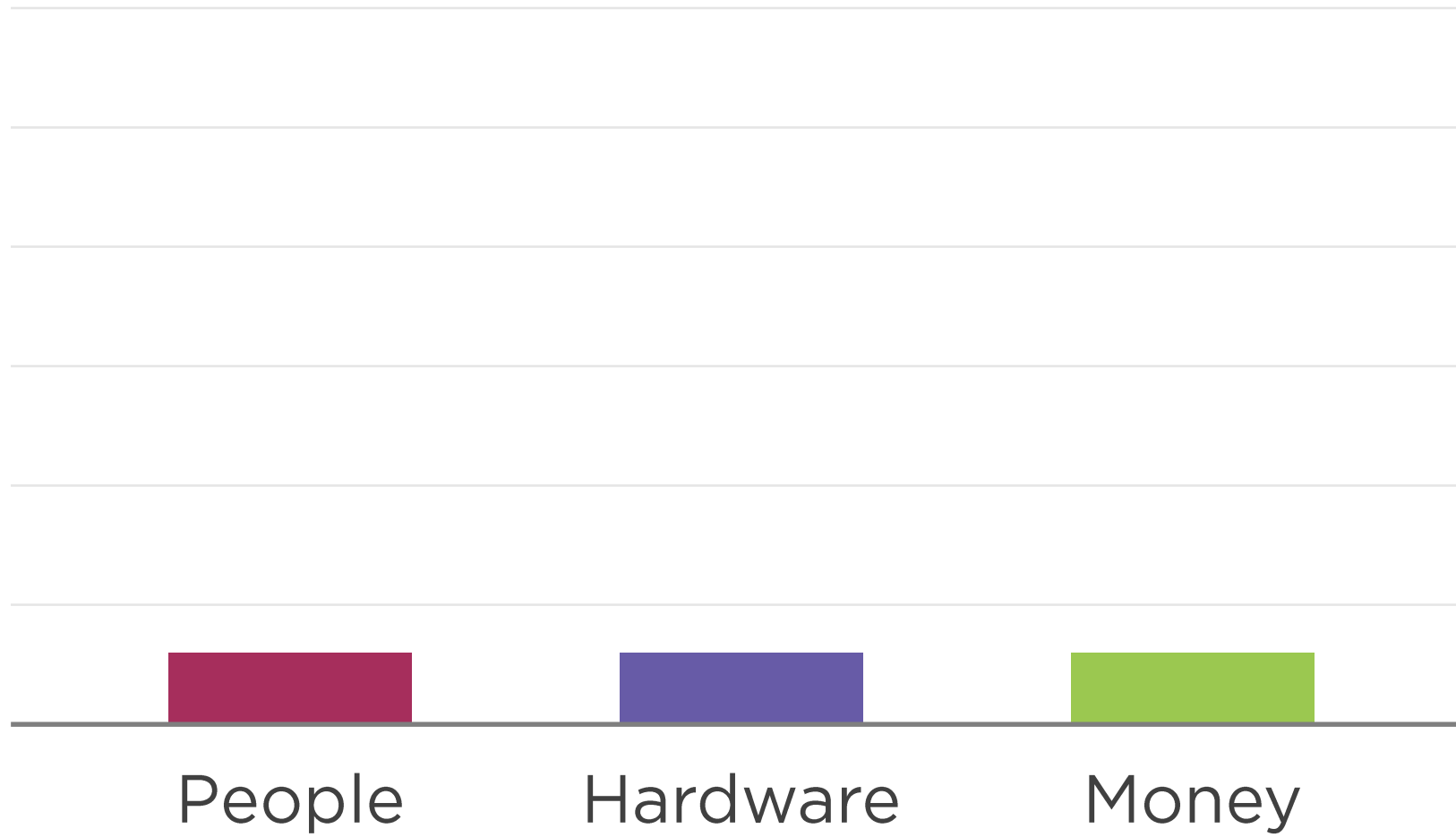
Amazon EC2's simple web service interface allows you to obtain and configure capacity with minimal friction. It provides you with complete control of your computing resources and lets you run on Amazon's proven computing environment. Amazon EC2 reduces the time required to obtain and boot new server instances to

Try Amazon EC2 for Free

AWS Free Tier includes 750 hours of Linux and Windows t2.micro instances each month for one year. To stay within the Free Tier, use only EC2 Micro instances.







Applications
and services

Libraries and frameworks

Databases and services

Operating Systems



Applications
and services

Libraries and frameworks

Databases and services

Operating Systems



Applications
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Libraries and frameworks

Databases and services

Operating Systems



Backup file



Applications
and services

Libraries and frameworks

Databases and services

Operating Systems



Applications
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Libraries and frameworks

Databases and services

Operating Systems



Backup file





Applications
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Libraries and frameworks

Databases and services

Operating Systems



Backup file



Applications
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Libraries and frameworks

Databases and services

Operating Systems



Applications
and services

Libraries and frameworks

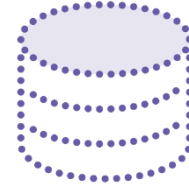
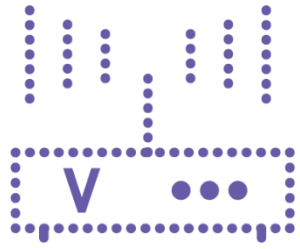
Databases and services

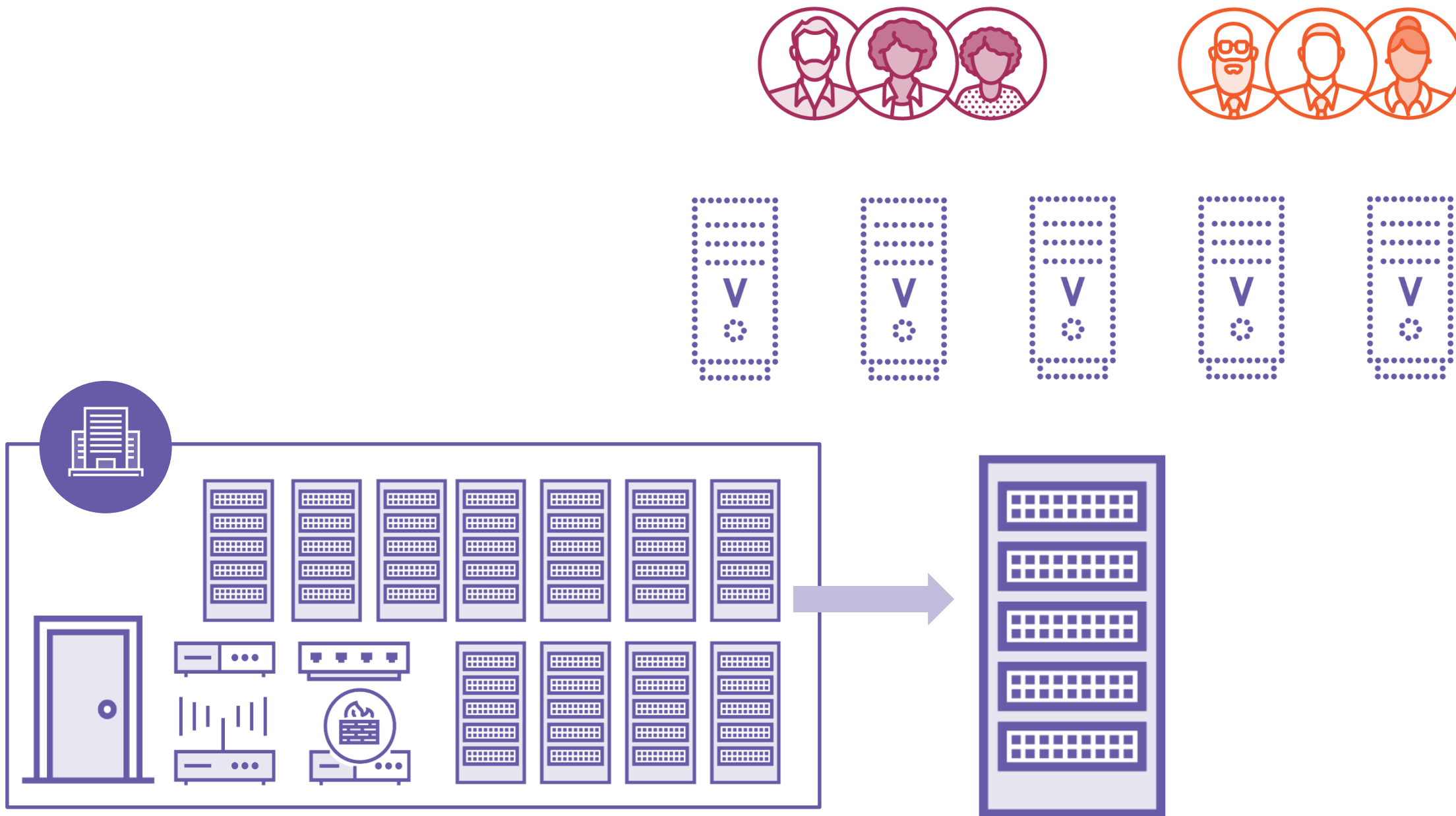
Operating Systems

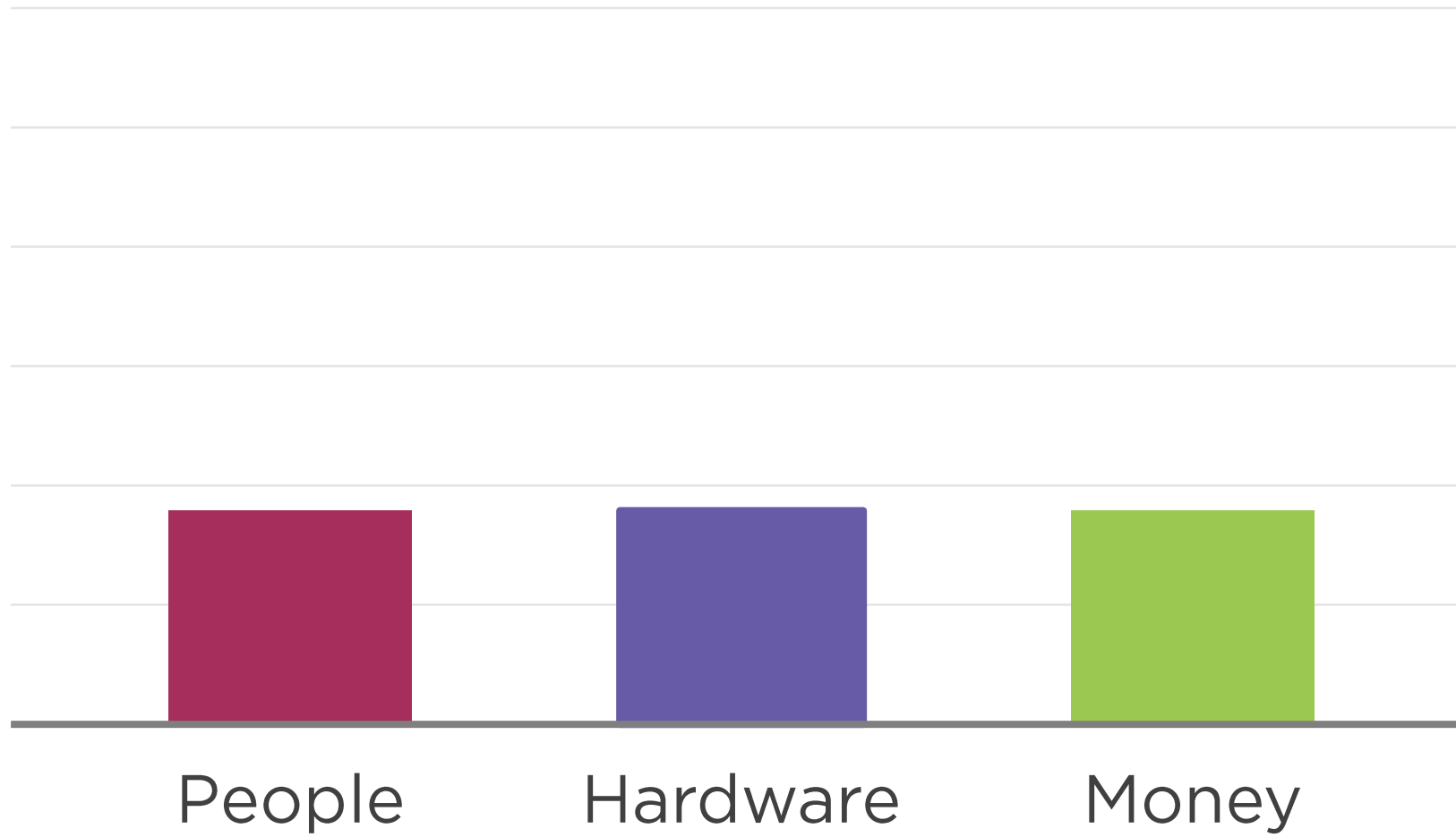


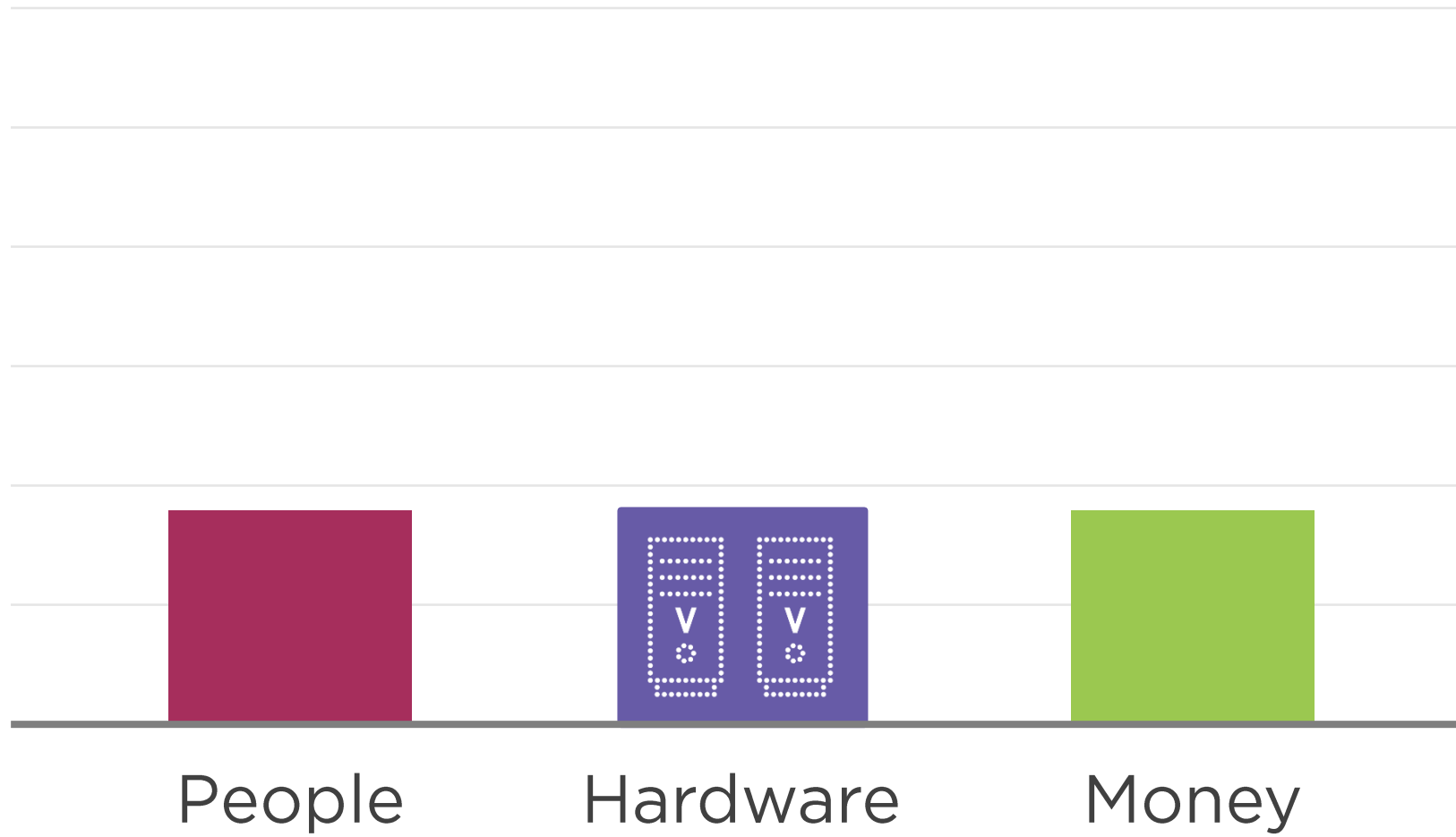
Backup file

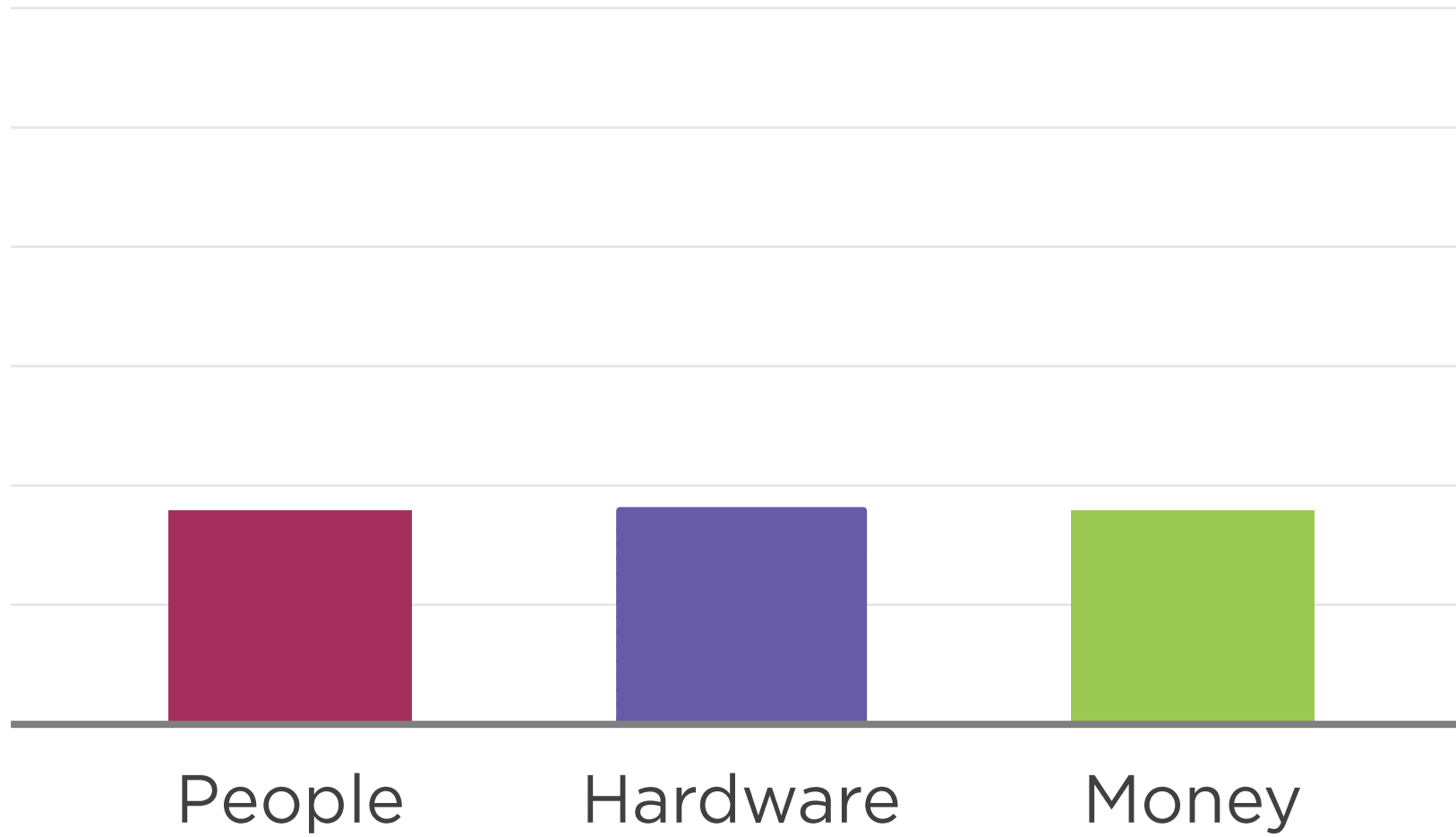


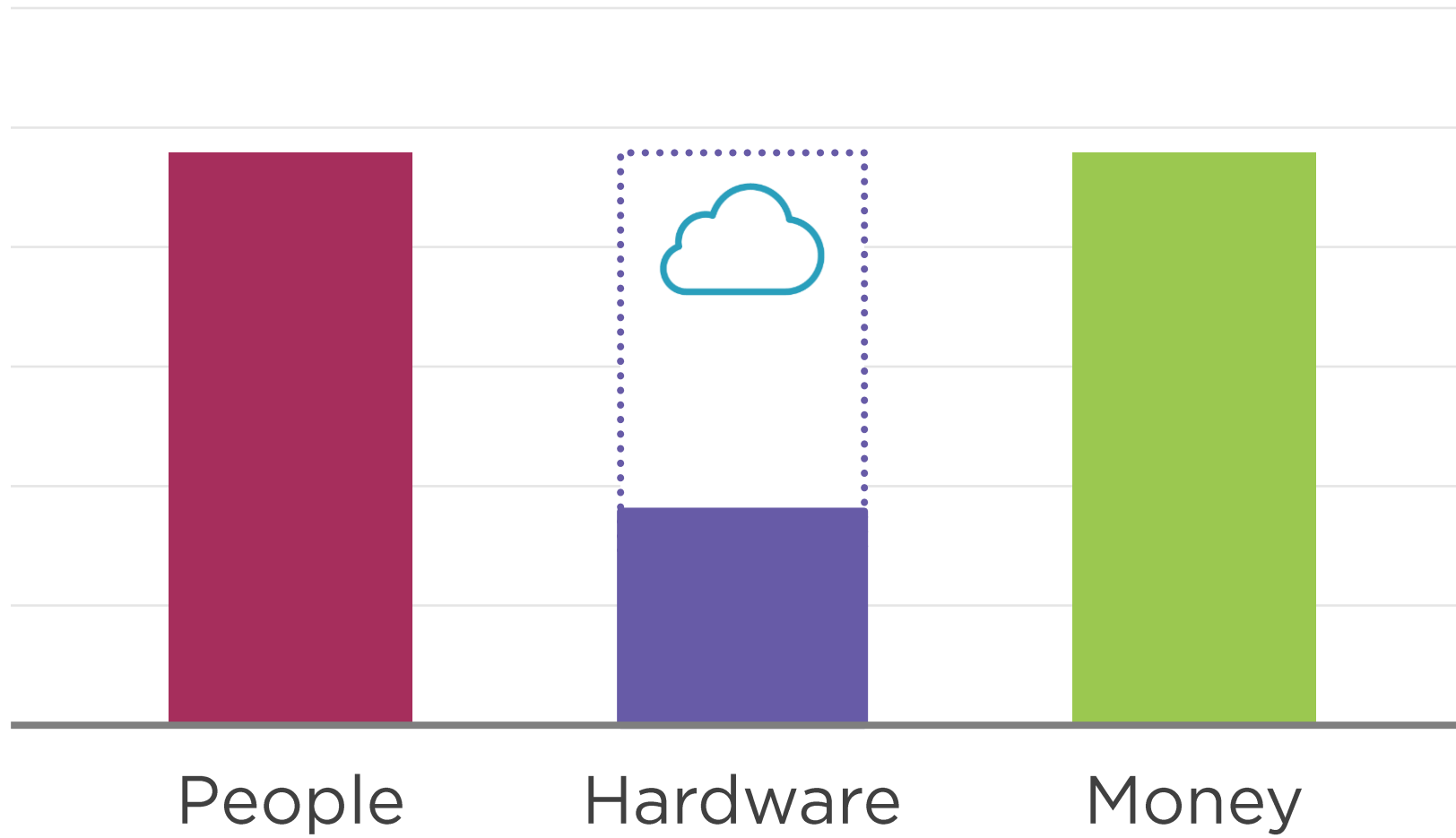


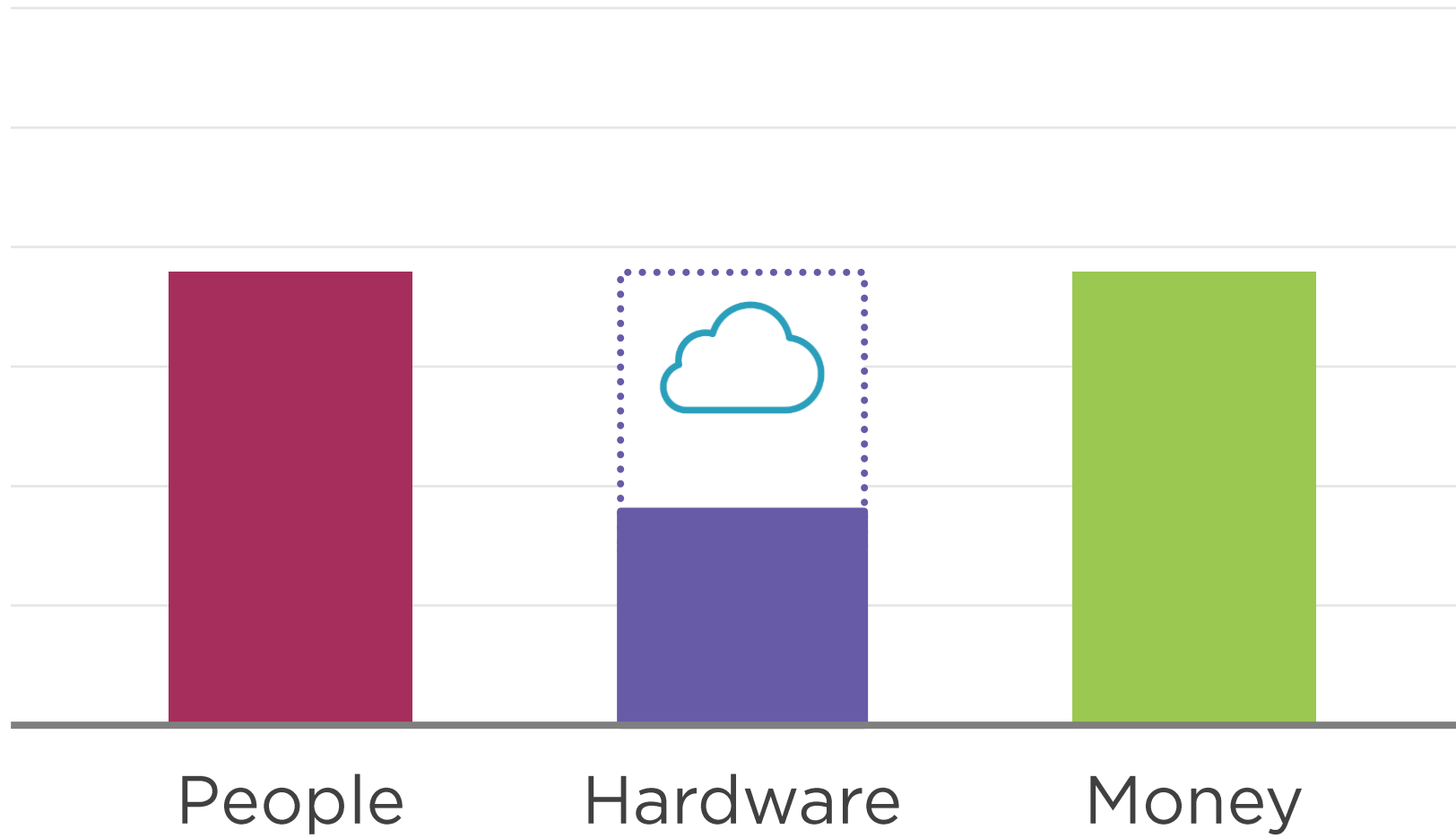


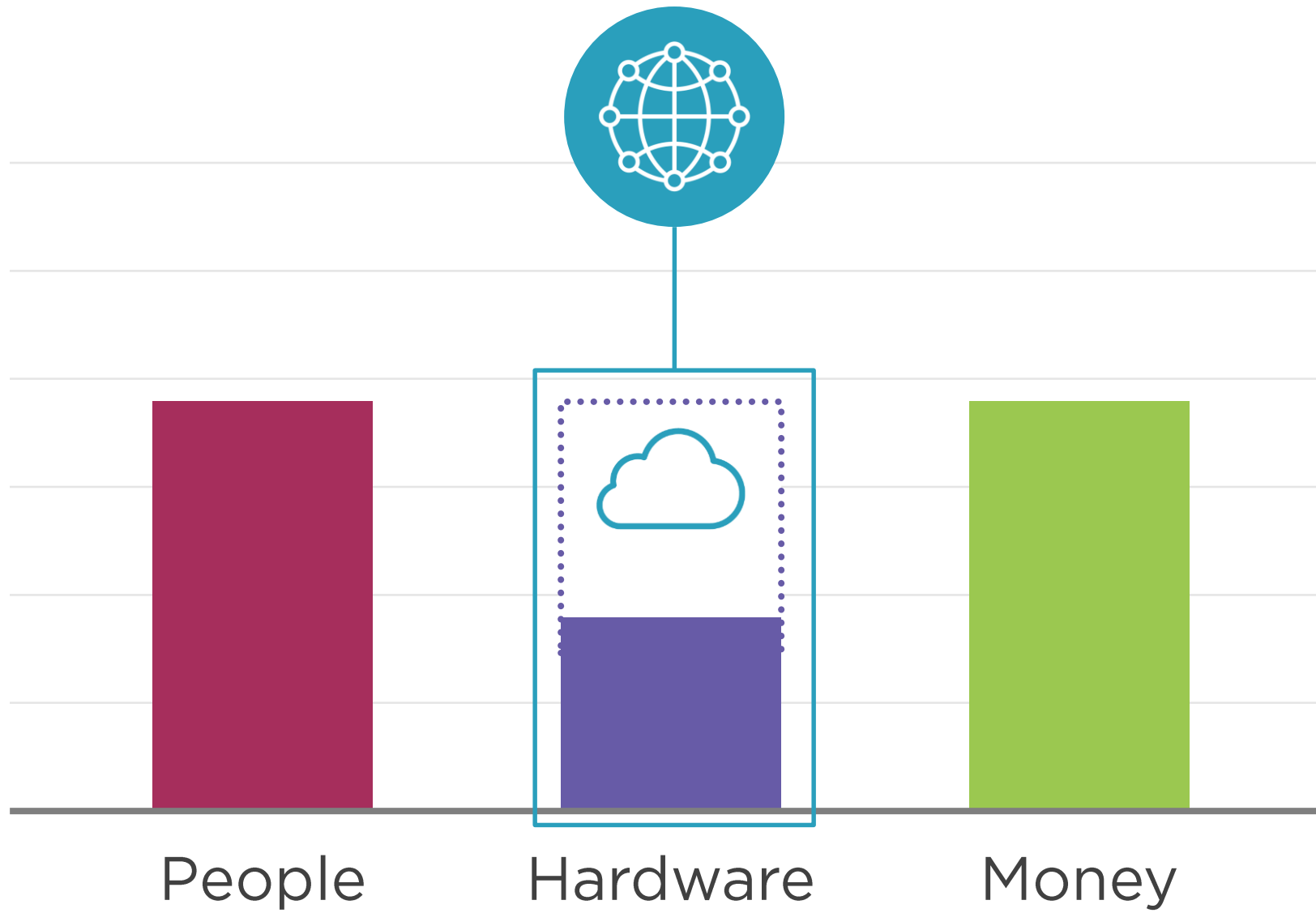












IT Costs

Direct IT costs

Managing and configuring cloud
resources

Guest (VM) operating system

Maintaining the software stack

Managing and monitoring applications
and services

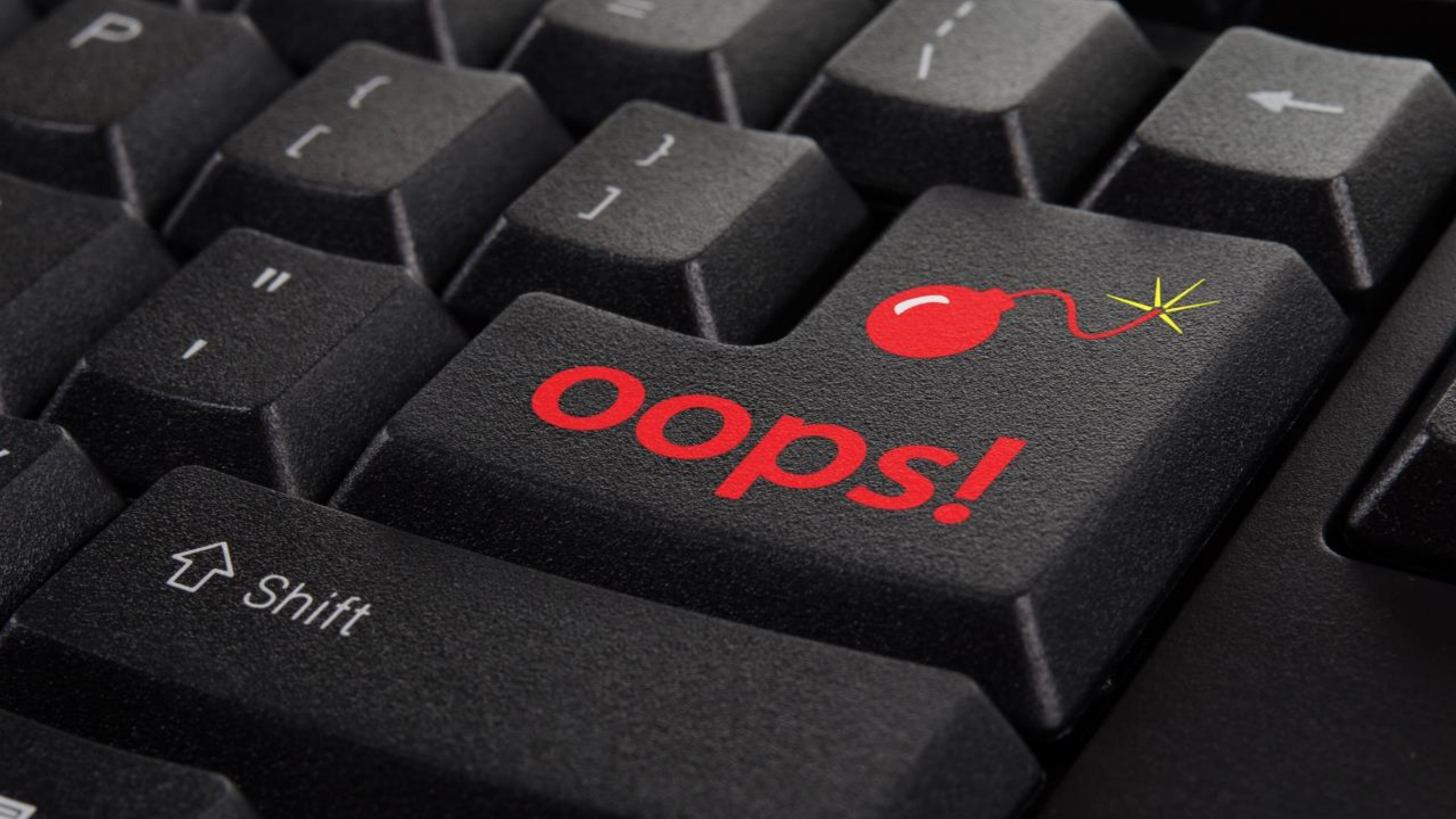
Included with cloud service

Facilities, infrastructure and physical
security

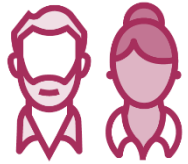
Servers and host operating system

Additional cloud services





User/Client



On-premises

**Applications
and services**

Libraries and frameworks

Databases and services

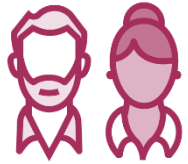
Operating Systems



Cloud



User/Client



In-house

**Applications
and services**

Libraries and frameworks

Databases and services

Operating Systems

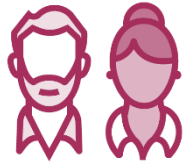
Cloud



Platform as a Service (PaaS)



User/Client



On-premises

**Applications
and services**

Libraries and frameworks

Databases and services

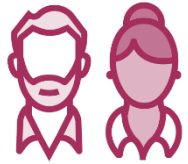
Operating Systems



Cloud



User/Client



In-house

**Applications
and services**

Libraries and frameworks

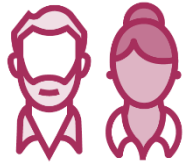
Databases and services

Operating Systems

Cloud



User/Client



In-house

**Applications
and services**

Cloud

Libraries and frameworks

Databases and services

Operating Systems



In-house

Cloud

Applications
and services

Software
Stack

Software
Stack

Software
Stack

Software
Stack



In-house

Cloud

Applications
and services

Software
Stack



In-house

Cloud

Applications
and services

Software
Stack



In-house

Cloud

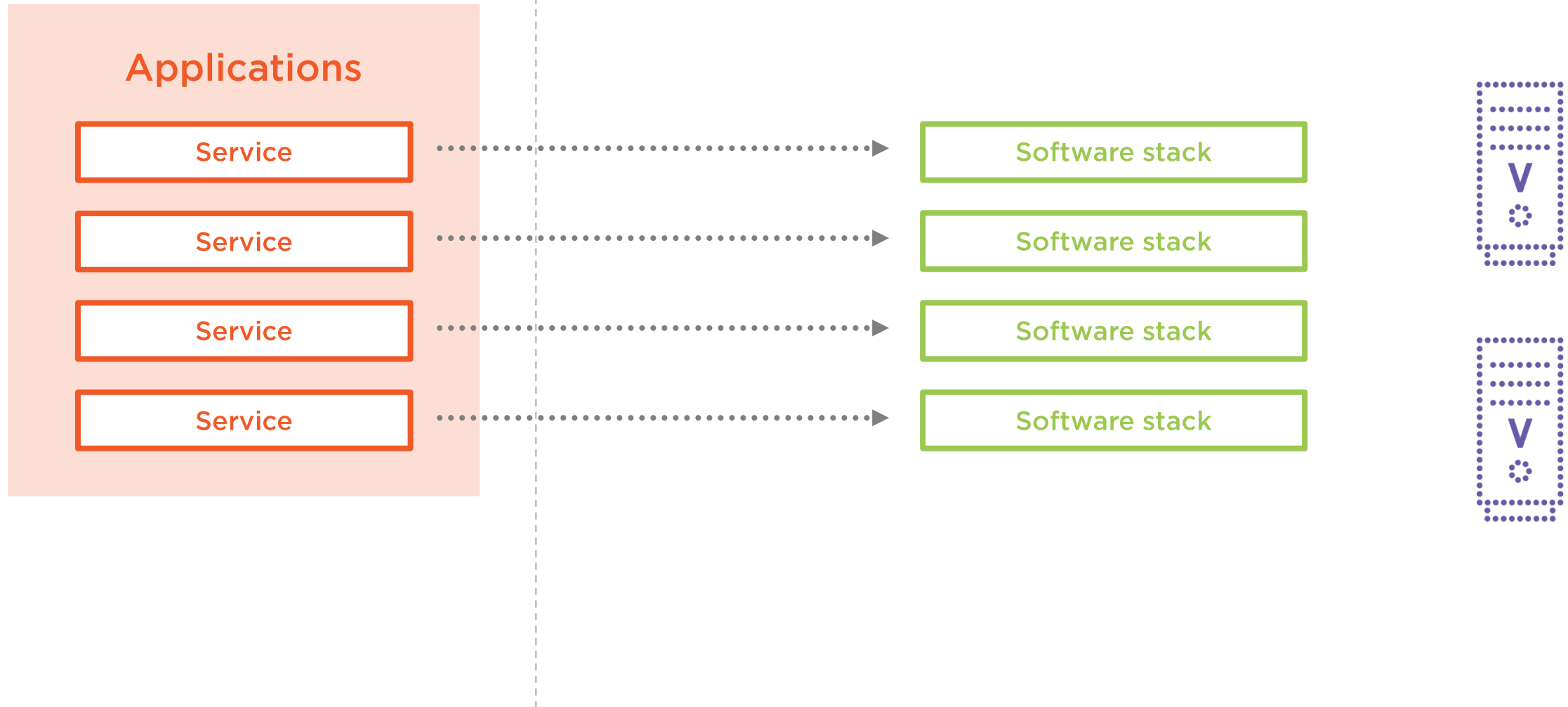
Applications
and services

Software
Stack

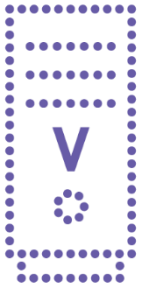


In-house

Cloud



Guest
operating
system



Guest
operating
system



Guest
operating
system



Guest
operating
system



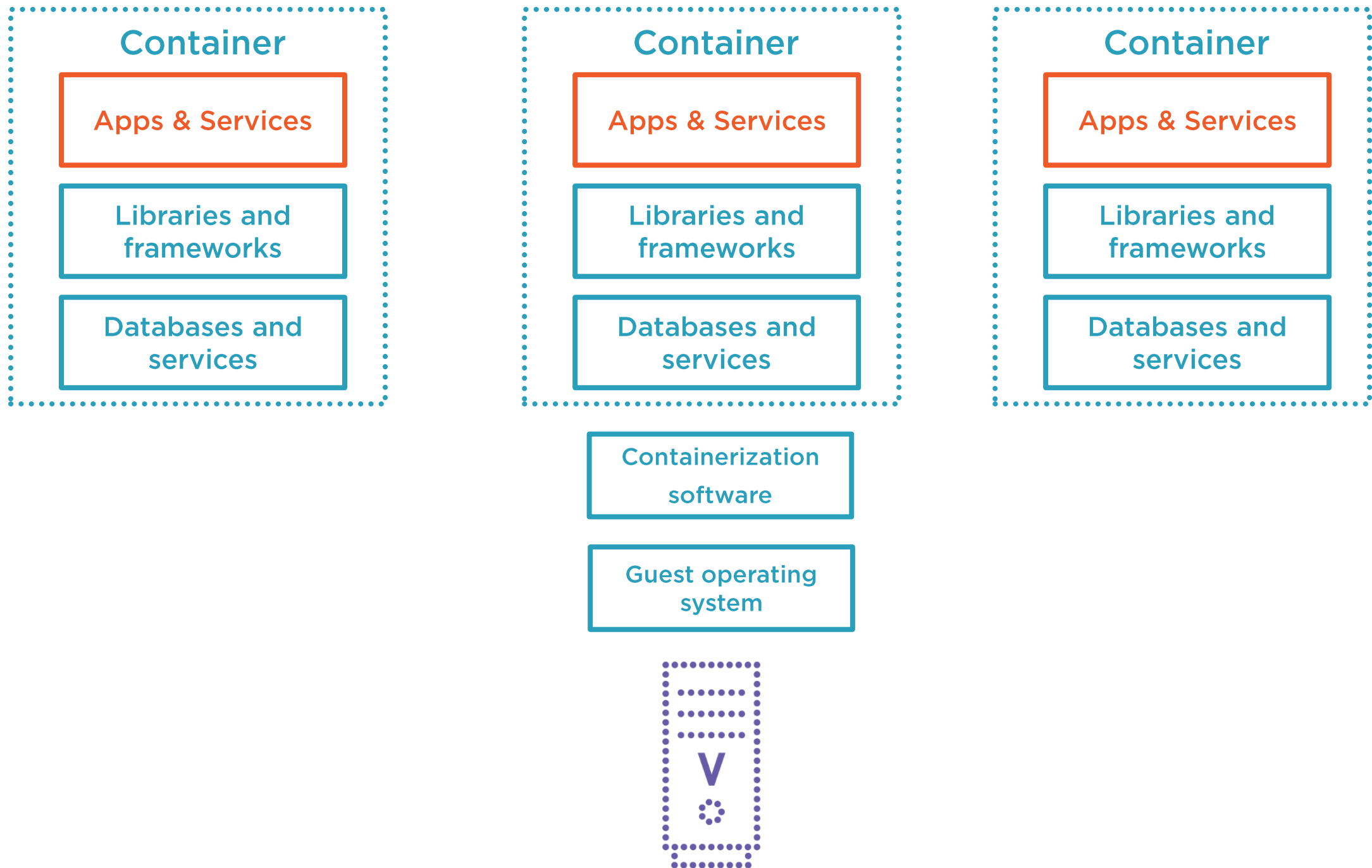
Guest
operating
system



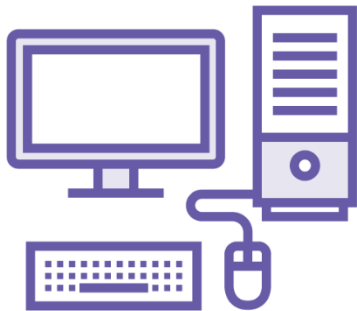
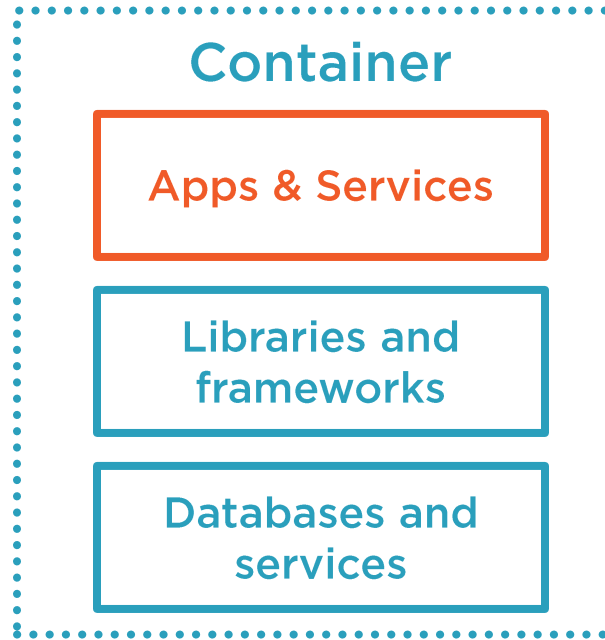
Hypervisor

Host operating system

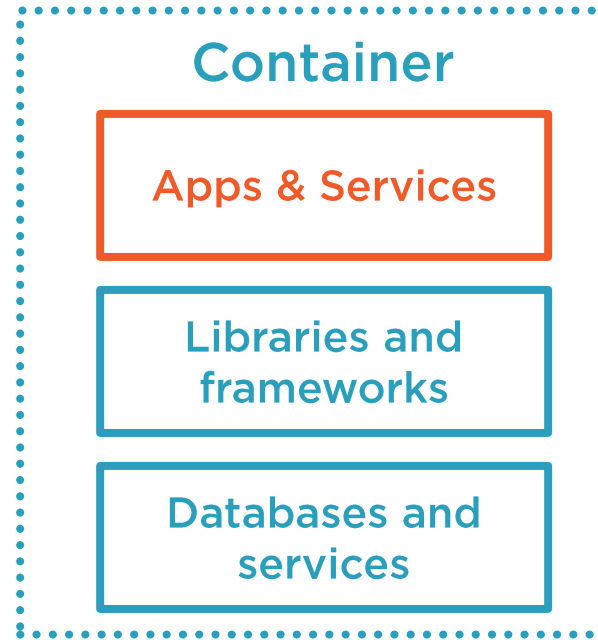




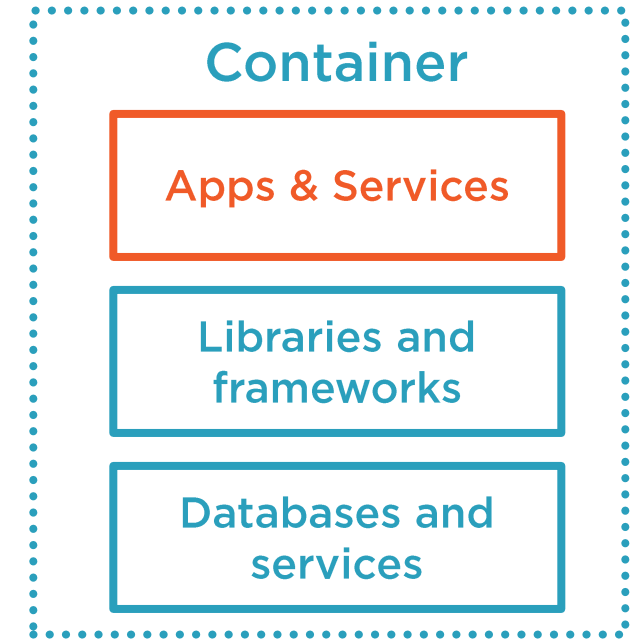
User/Client



On-premises



Cloud



IT Costs

Direct IT costs

Managing and configuring cloud resources

Managing and monitoring applications and services

Included with cloud service

Facilities, infrastructure and physical security

Servers and host operating system

Additional cloud services

Guest (VM) operating system

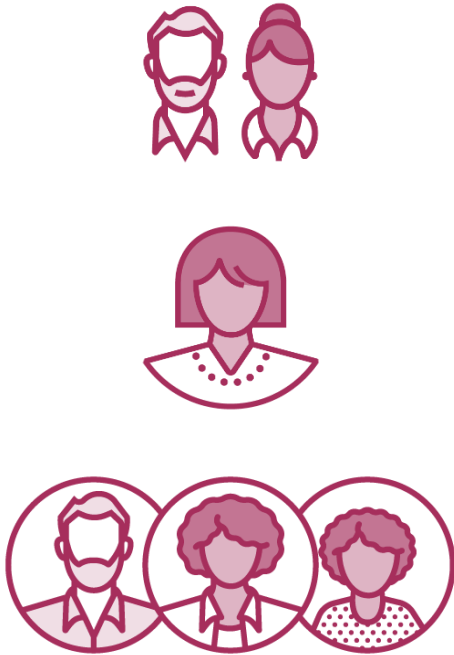
Maintaining the software stack



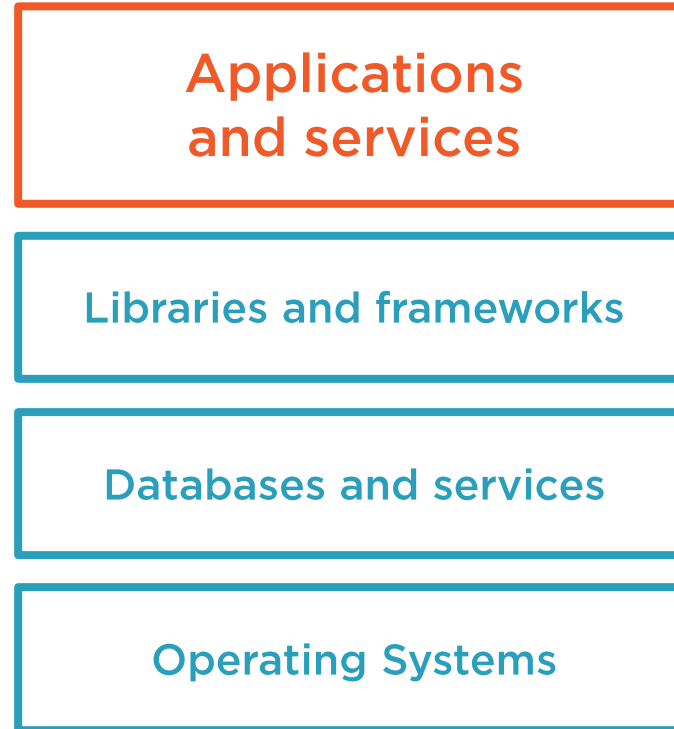
Software as a Service (SaaS)



User/Client



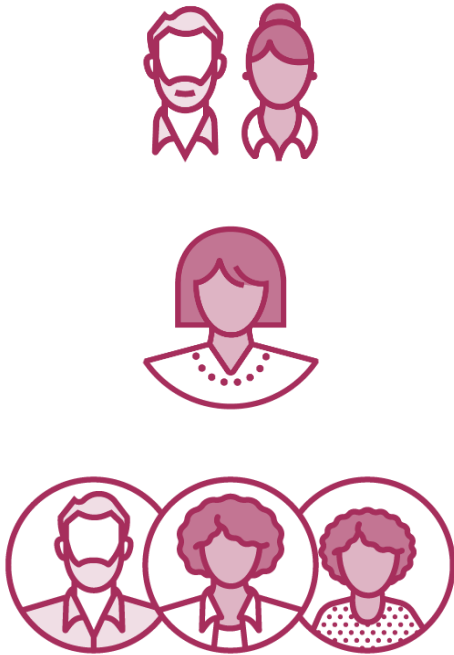
On-premises



Cloud

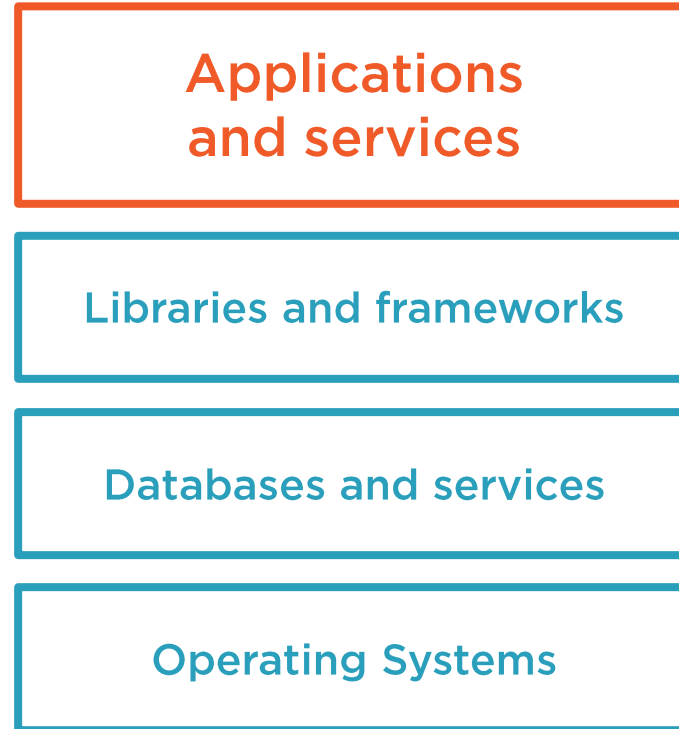


User/Client



IaaS

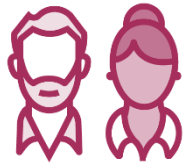
In-house



Cloud



User/Client



PaaS

In-house

Applications
and services

Cloud

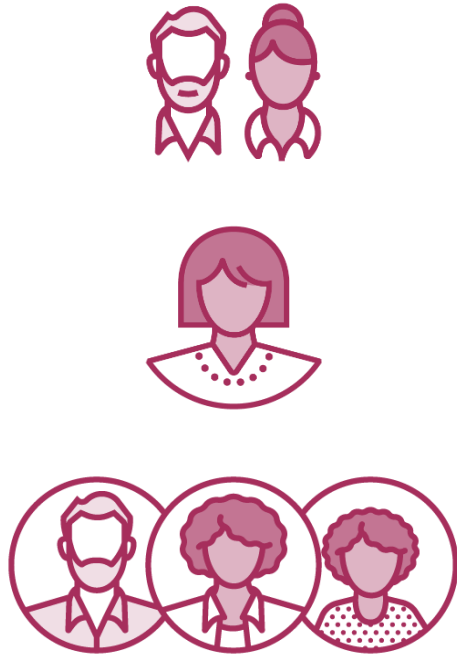
Libraries and frameworks

Databases and services

Operating Systems



User/Client



SaaS

In-house

Cloud

**Applications
and services**

Libraries and frameworks

Databases and services

Operating Systems



User/Client

On-premises

Cloud



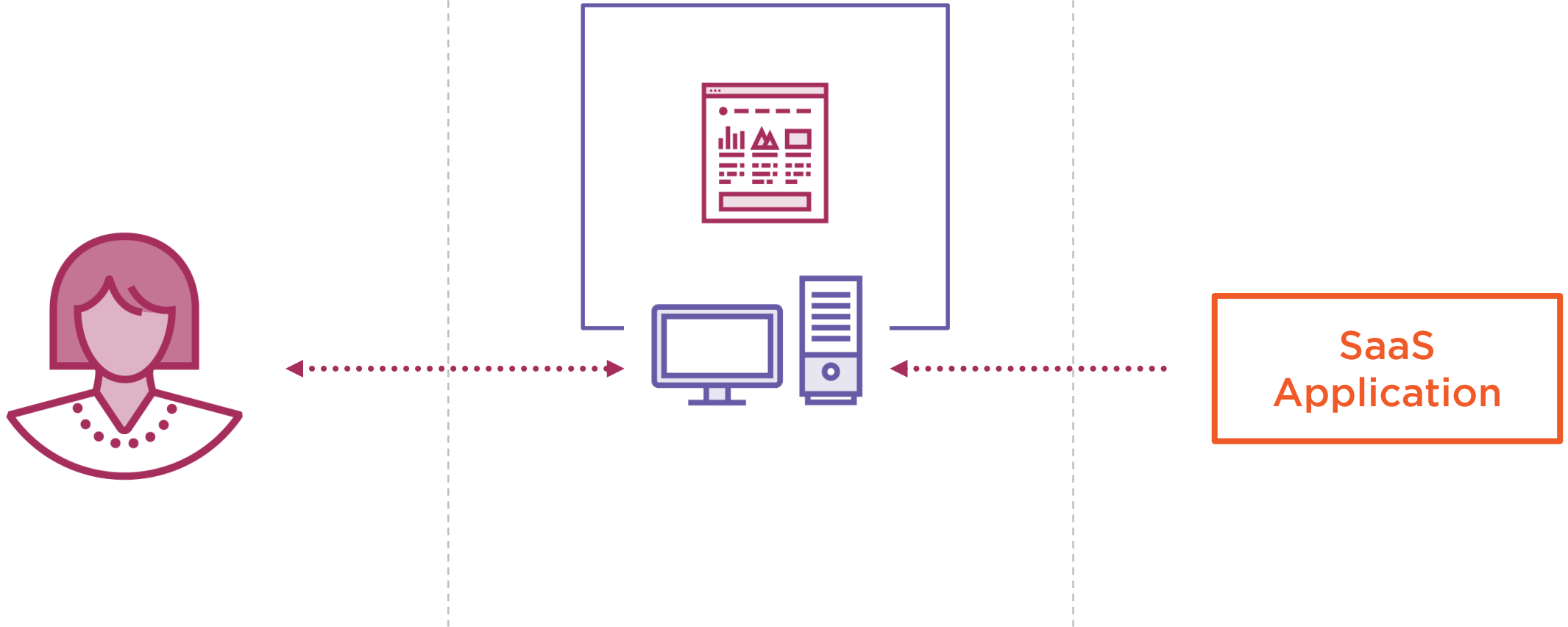
Browser
Tablet
Phone



User/Client

On-premises

Cloud



IT Costs

Direct IT costs

Help desk
Configuration and customization

Included with cloud service

Facilities, infrastructure and physical security
Servers and host operating system
Additional cloud services
Guest (VM) operating system
Maintaining the software stack
Maintaining the application



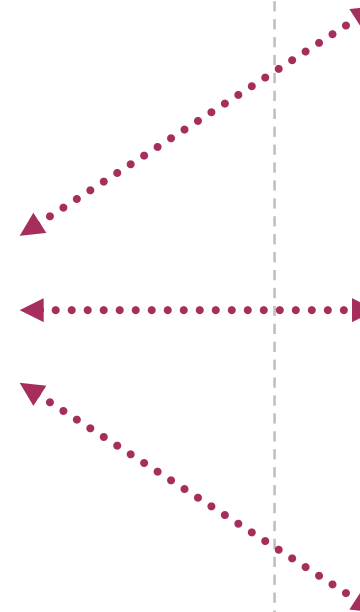
User/Client

On-premises

Cloud



Browser
Tablet
Phone



SaaS Application

Customized SaaS
Application

Custom App on
SaaS Platform

