Understanding IT Governance Drivers and Principles

UNDERSTANDING IT GOVERNANCE

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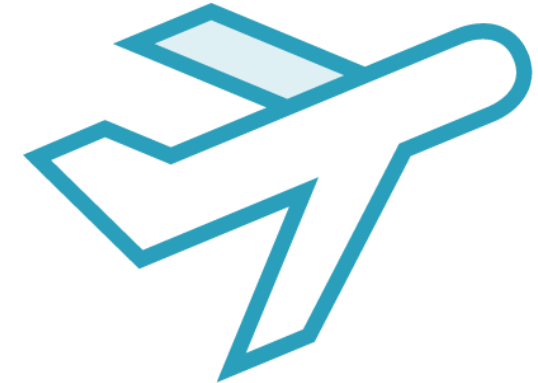# Get Ready to Understand IT Governance

Change Your Mindset
Learn how to think like an Industry Leader

Learn Techniques
Learn how to work as a Chief Officer

Take-off
Become a COBIT5 certified professional

Meet Globomantics

Overview

What business management is

Governance overview
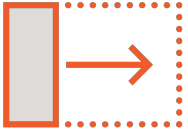
Business drivers

What is COBIT?

Governance Principles and Enablers

Business Management

Business Management

Plan and organize businesses
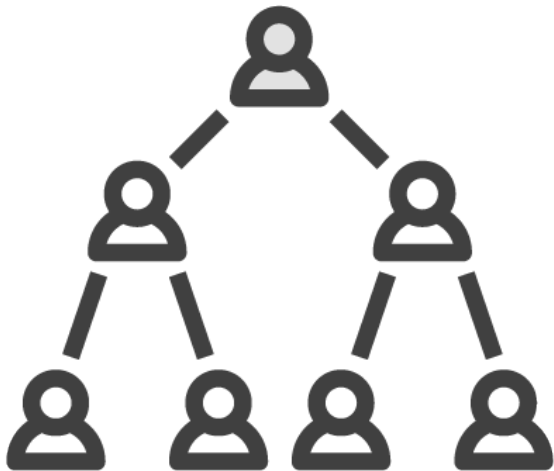
Control resources and results

Lead teams and people

Where Are We?

Strategical

Tactical

Operational

Aquisitions Manager

HR Manager

Marketing Manager

Operational Manager

Business Management is about ensuring results.

A First Definition for Governance

Management

Routine

Governance

Steering

Governance Overview

Governance Is Like Piloting

Airplane pilots don't need to be engineers

Each department is a part of the engine
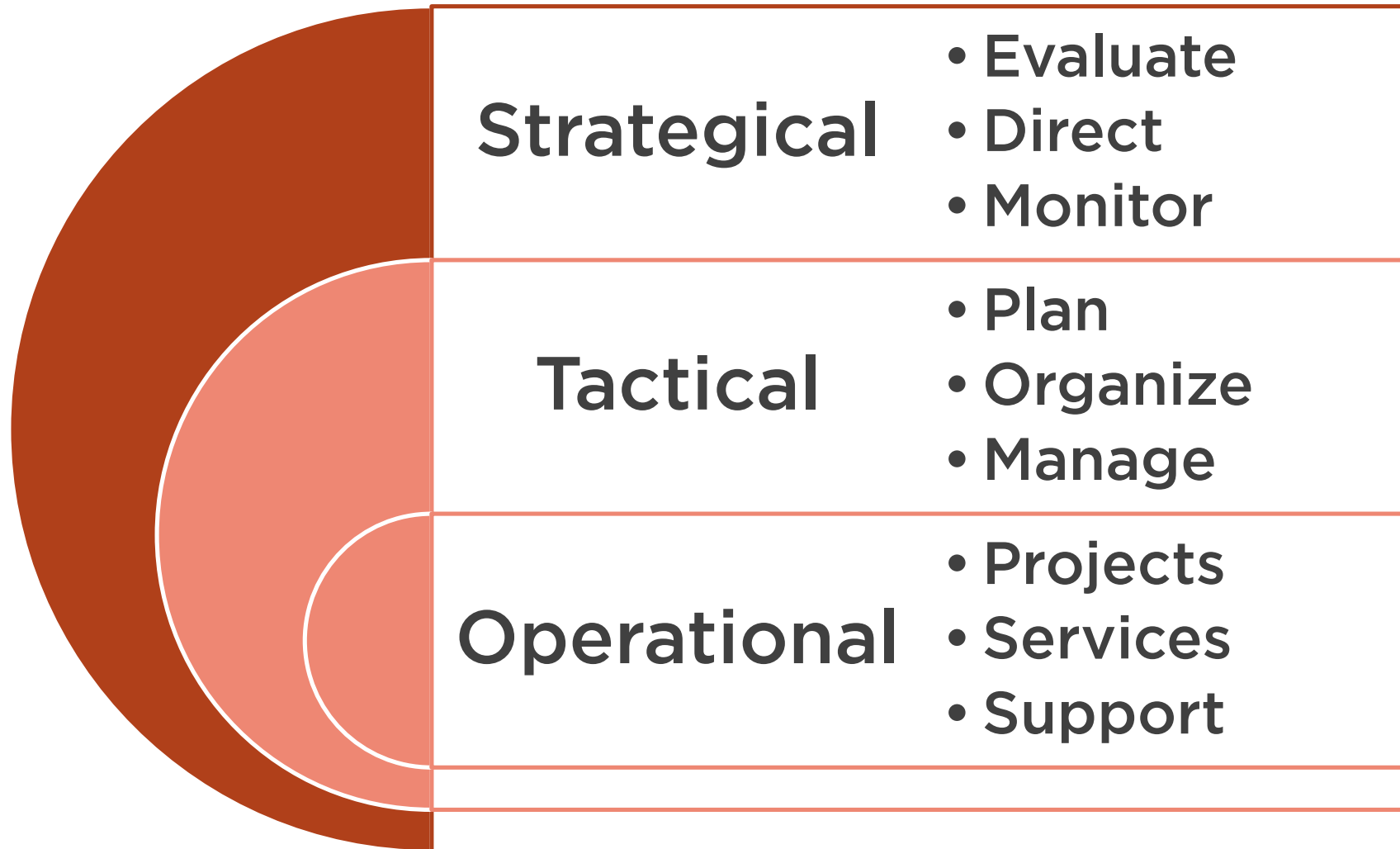
Managers run the engine

Chief Officers steer the corporation

Where Are We?

Strategical

Tactical

Operational

Corporate Tiers

Strategical
- Evaluate
- Direct
- Monitor

Tactical
- Plan
- Organize
- Manage

Operational
- Projects
- Services
- Support

Governance focuses on corporations.

Governance Layers

Ownership
Shareholders are the owners and they name the board

Governance
Chief Officers and board members protect the owner's interests
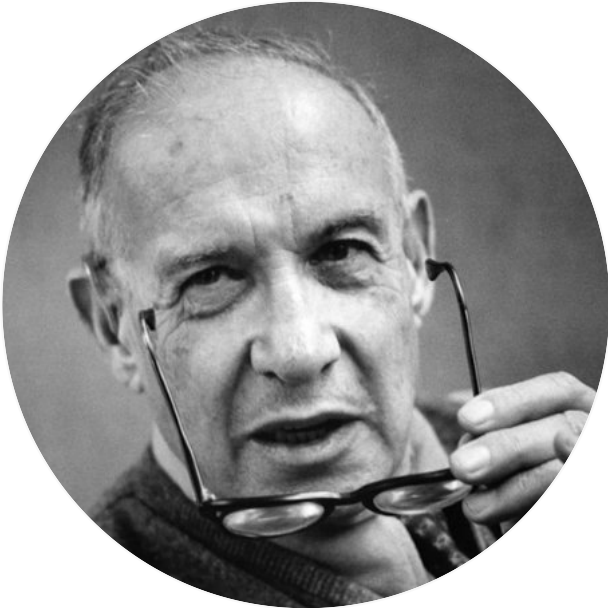
Management
Ensures that the business is up and running
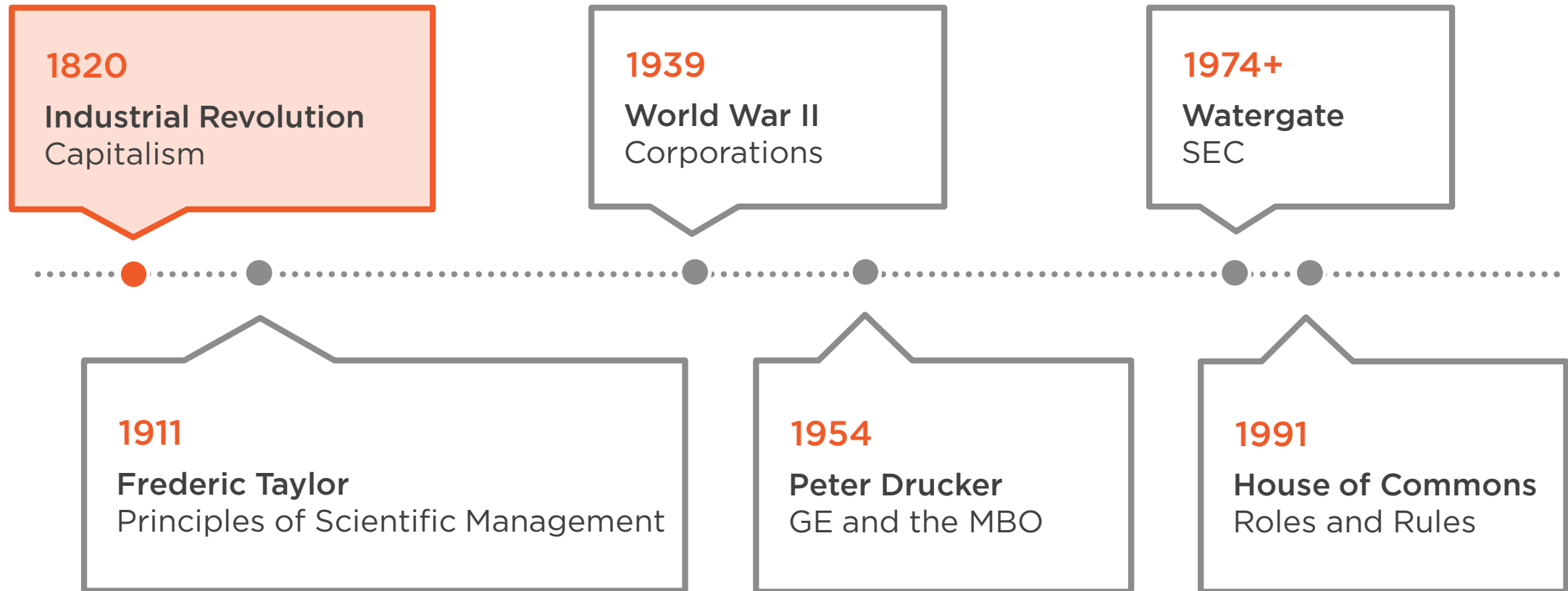
Corporations

Management Came First

In the 50's, Peter Drucker created the Management by Objectives model

Strategical, tactical, and operational areas communicate via a cascading system

Objectives become goals and goal tasks

A Brief Digression

1820
Industrial Revolution
Capitalism

1939
World War II
Corporations

1974+
Watergate
SEC

1911
Frederic Taylor
Principles of Scientific Management

1954
Peter Drucker
GE and the MBO

1991
House of Commons
Roles and Rules

IT Governance Drivers

IT Governance Drivers
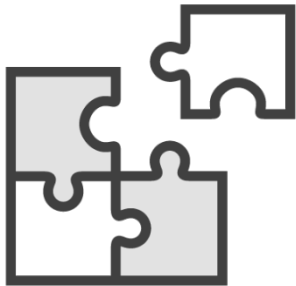
Transparency

Security

Compliance

Adaptability

Competitiveness
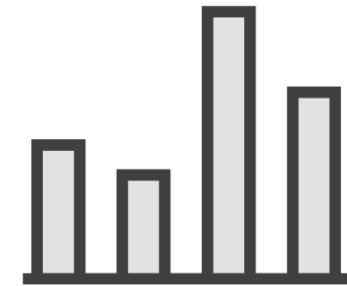
Control

Financial transactions

Incidents

Clients and users data

Service delivery

Value

Edge
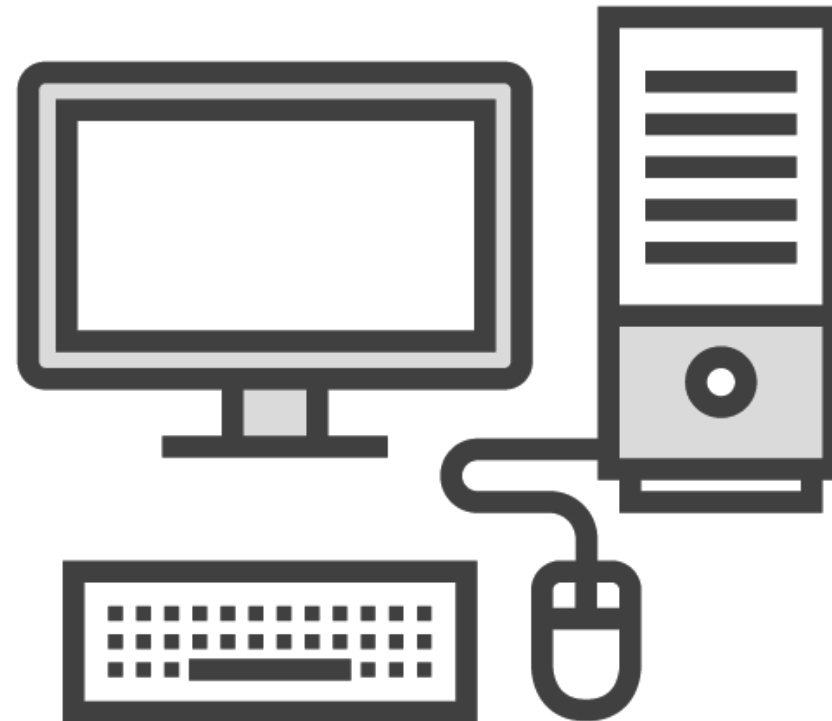
Governance assures that leaders are aligned to stakeholders and shareholders.

Why did **Steve Jobs** leave Apple in 1985?

What Is COBIT?

ISACA

ISACA is an international professional association focused on IT governance. On its IRS filings, it is known as the Information Systems Audit and Control Association, although ISACA now goes by its acronym only.

COBIT5

Control Objectives for Information and related Technology, 5th edition, is a business framework for IT Governance.
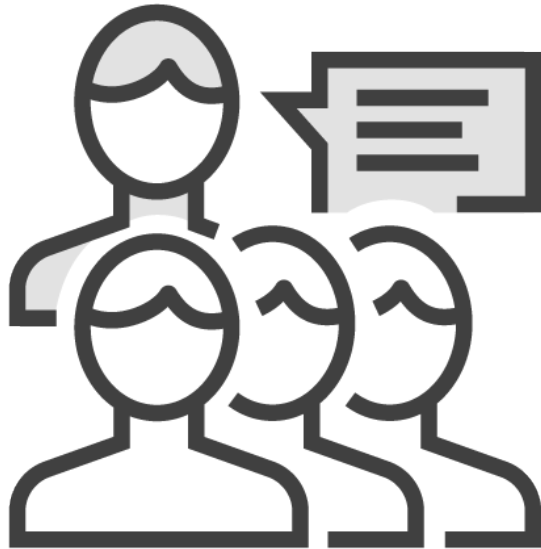
IT must have its own representatives

CIO, CTO, and other Officers

The board composition:
- Independent Directors
- Executive Chairperson
- CEO
- CFO
- CMO
- CIO
- CTO

COBIT History

COBIT1
Audit, 1996

COBIT2
Control, 1998

COBIT3
Management, 2000

COBIT4
Governance, 2005

COBIT5
Enterprise IT, 2012

IT Governance Principles

1.
Meeting
stakeholder
needs

COBIT 5
Principles

1. Meeting stakeholder needs

2. Covering the enterprise end-to-end

COBIT 5 Principles

1.
Meeting stakeholder needs

2.
Covering the enterprise end-to-end

COBIT 5 Principles

3.
Applying a single integrated framework

1. Meeting stakeholder needs

2. Covering the enterprise end-to-end

3. Applying a single integrated framework

4. Enabling a holistic approach

COBIT 5 Principles

COBIT 5 Principles

1. Meeting stakeholder needs

2. Covering the enterprise end-to-end

3. Applying a single integrated framework

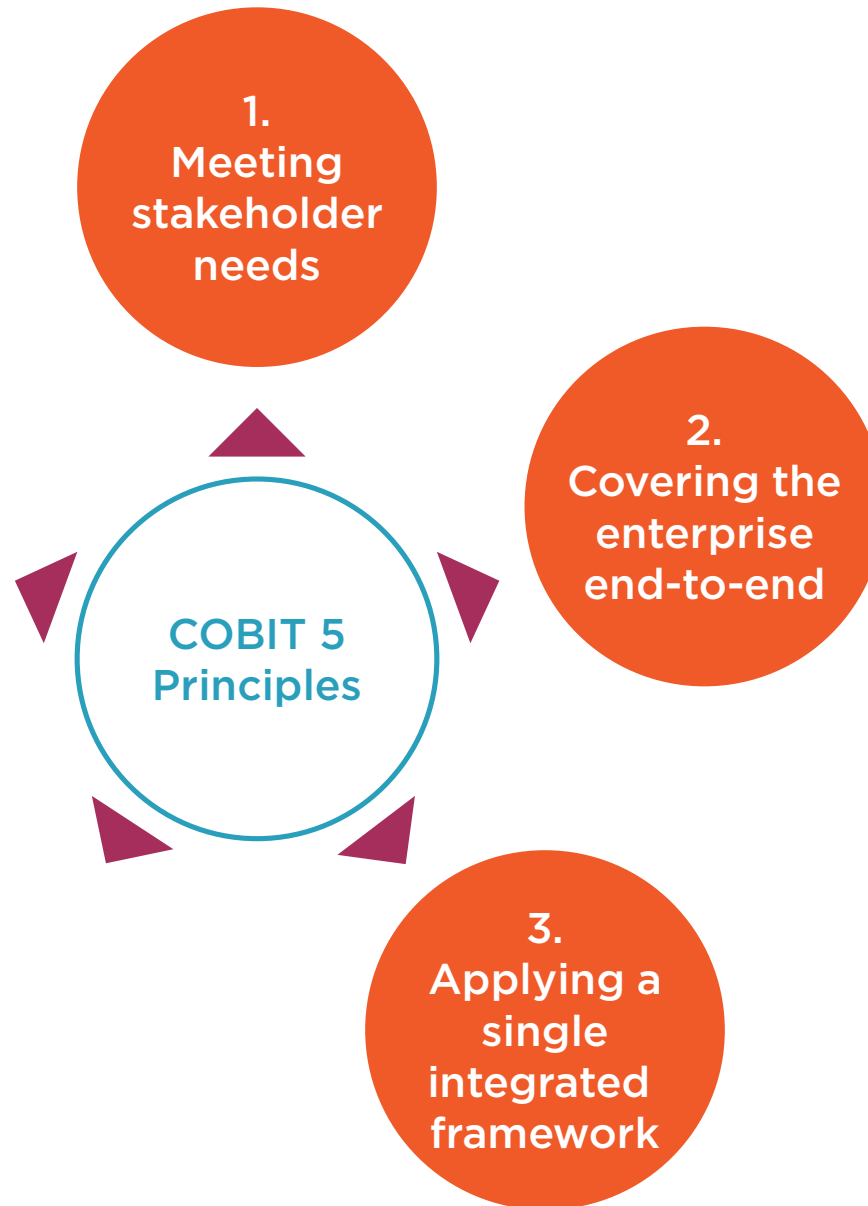4. Enabling a holistic approach

5. Separating governance from management
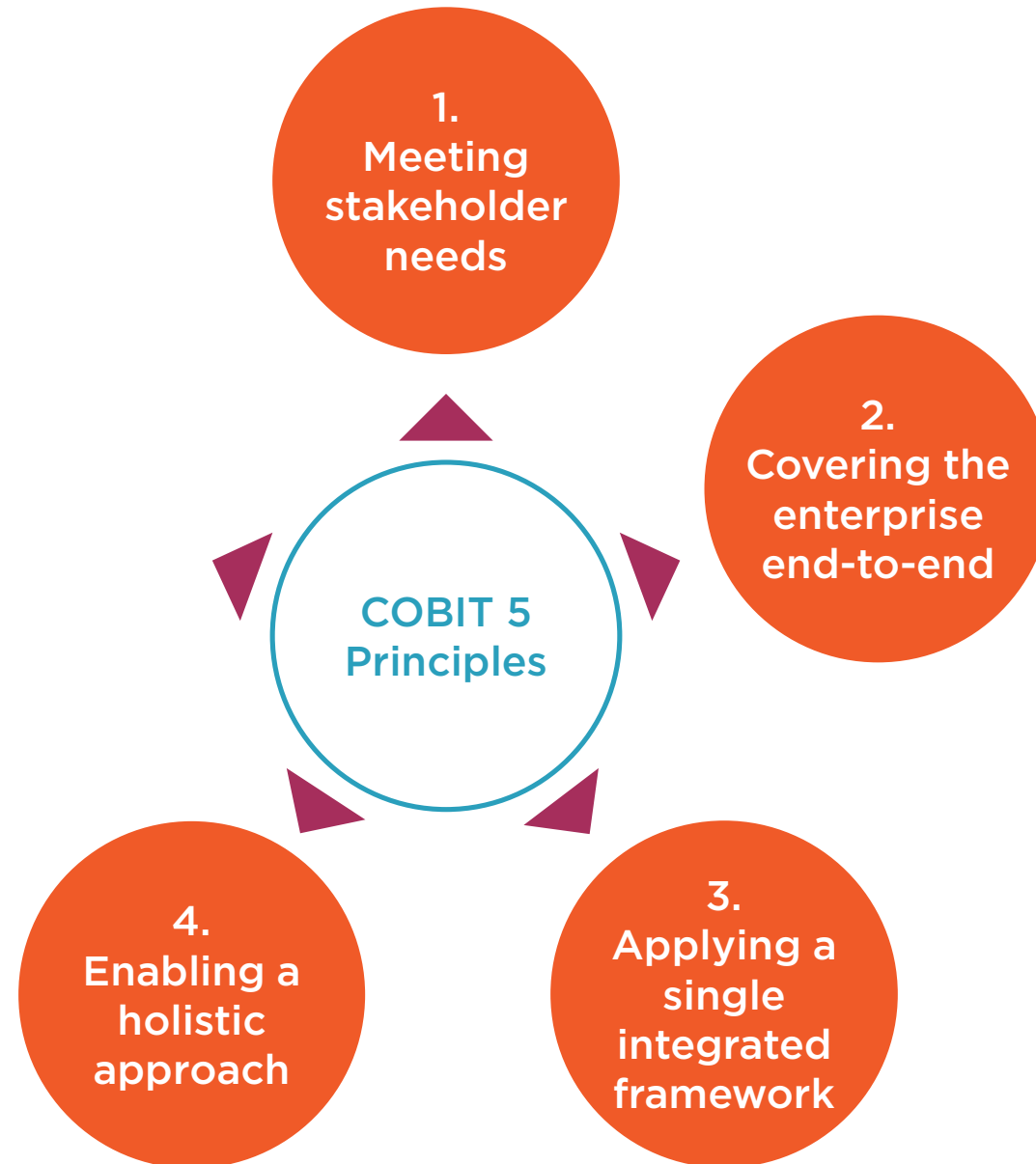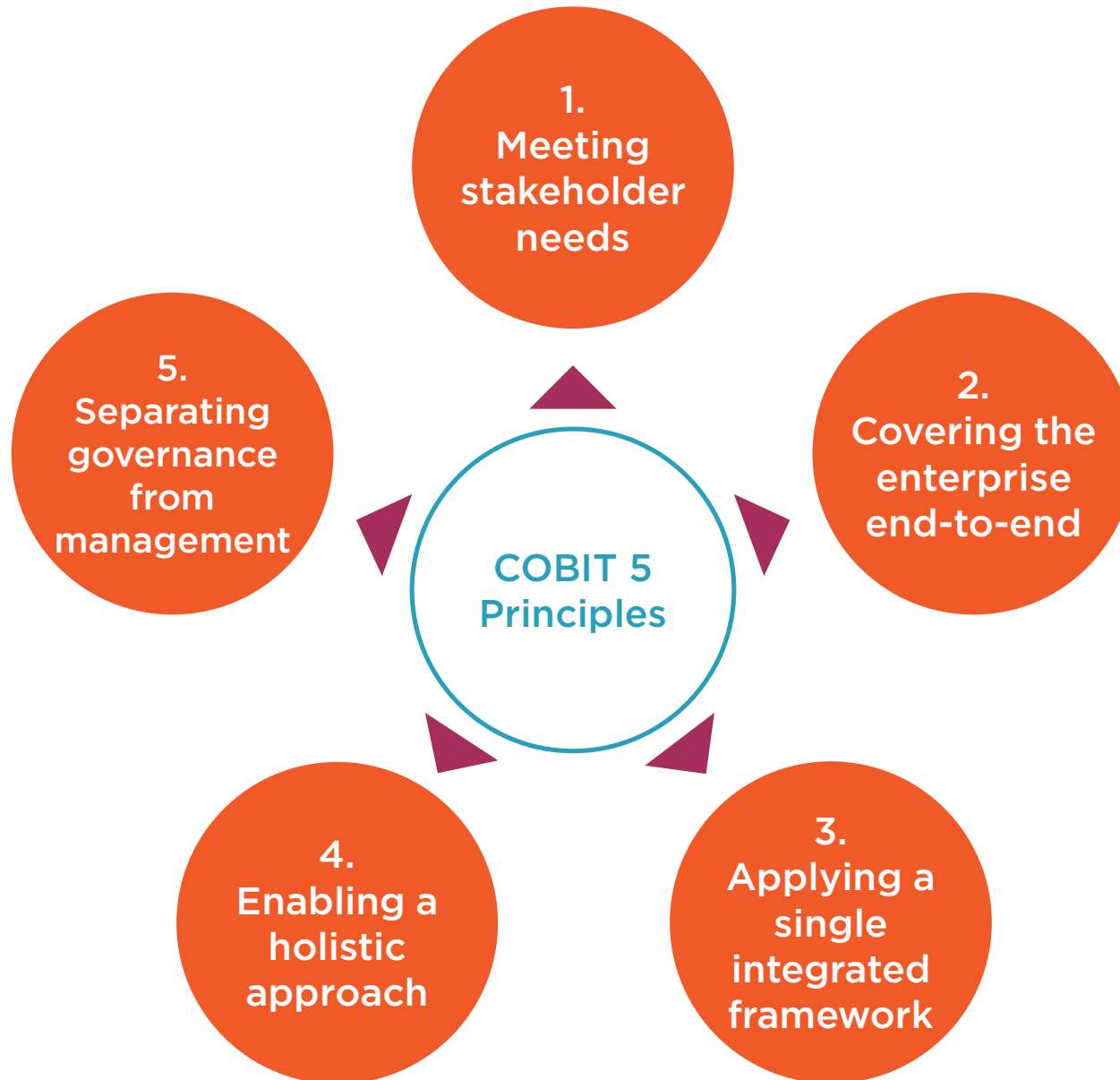
IT Governance Enablers

COBIT5 Enablers Overview

1. Principles, Policies & Frameworks

COBIT5 Enablers Overview

2. Processes

1. Principles, Policies & Frameworks

COBIT5 Enablers Overview

2. Processes

3. Organizational Structures

1. Principles, Policies & Frameworks

COBIT5 Enablers Overview

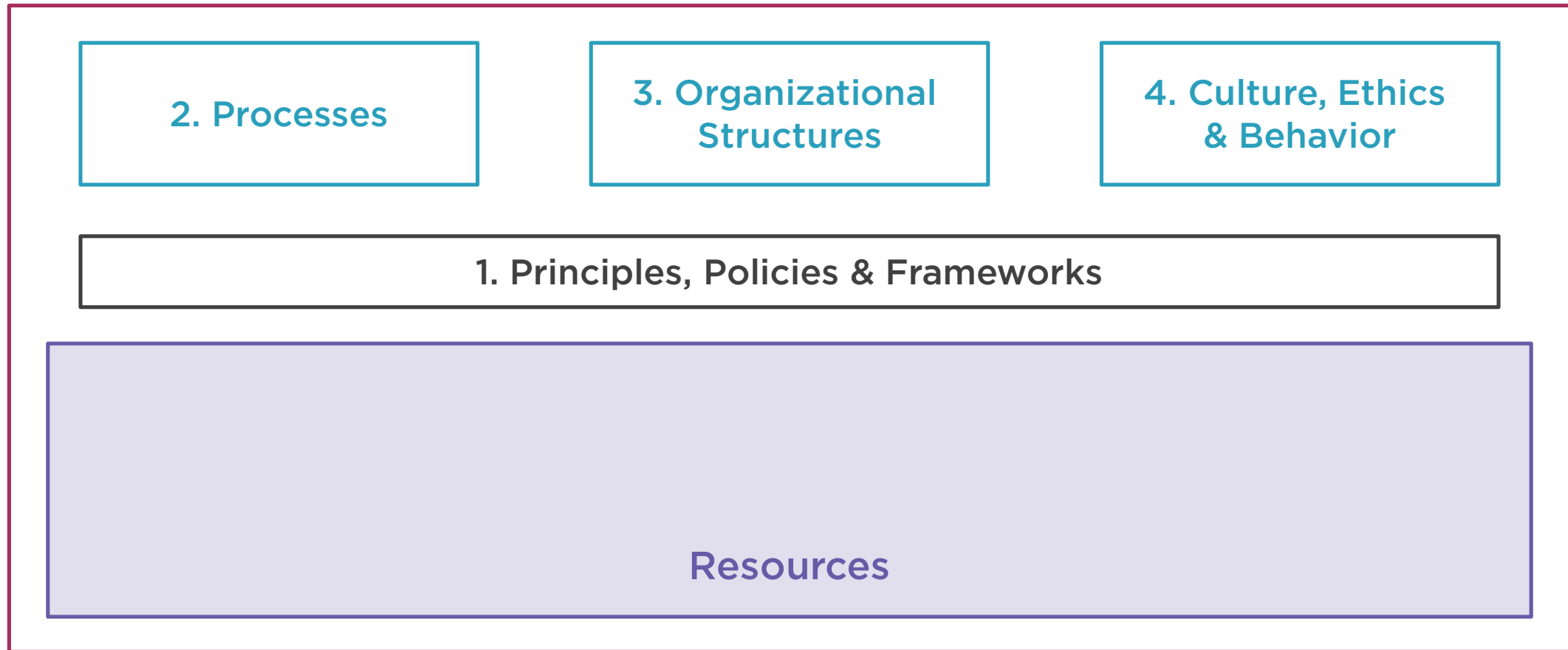|		
2. Processes	3. Organizational Structures	4. Culture, Ethics & Behavior

1. Principles, Policies & Frameworks

COBIT5 Enablers Overview

2. Processes	**3. Organizational Structures**	**4. Culture, Ethics & Behavior**

1. Principles, Policies & Frameworks

Resources

COBIT5 Enablers Overview

2. Processes

3. Organizational Structures

4. Culture, Ethics & Behavior

1. Principles, Policies & Frameworks

5. Information

Resources

COBIT5 Enablers Overview

2. Processes

3. Organizational Structures

4. Culture, Ethics & Behavior

1. Principles, Policies & Frameworks

5. Information

6. Services, Infrastructure & Applications

Resources

COBIT5 Enablers Overview

2. Processes

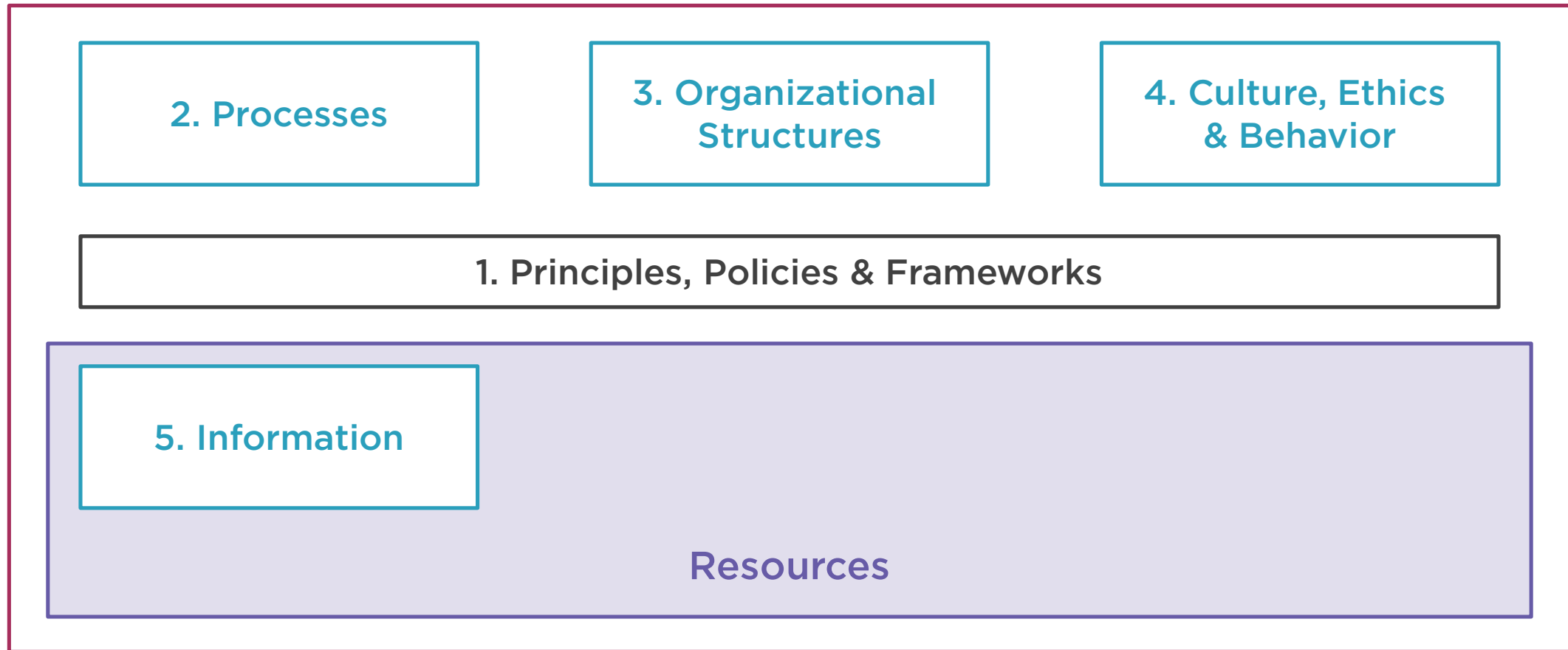**3. Organizational Structures**

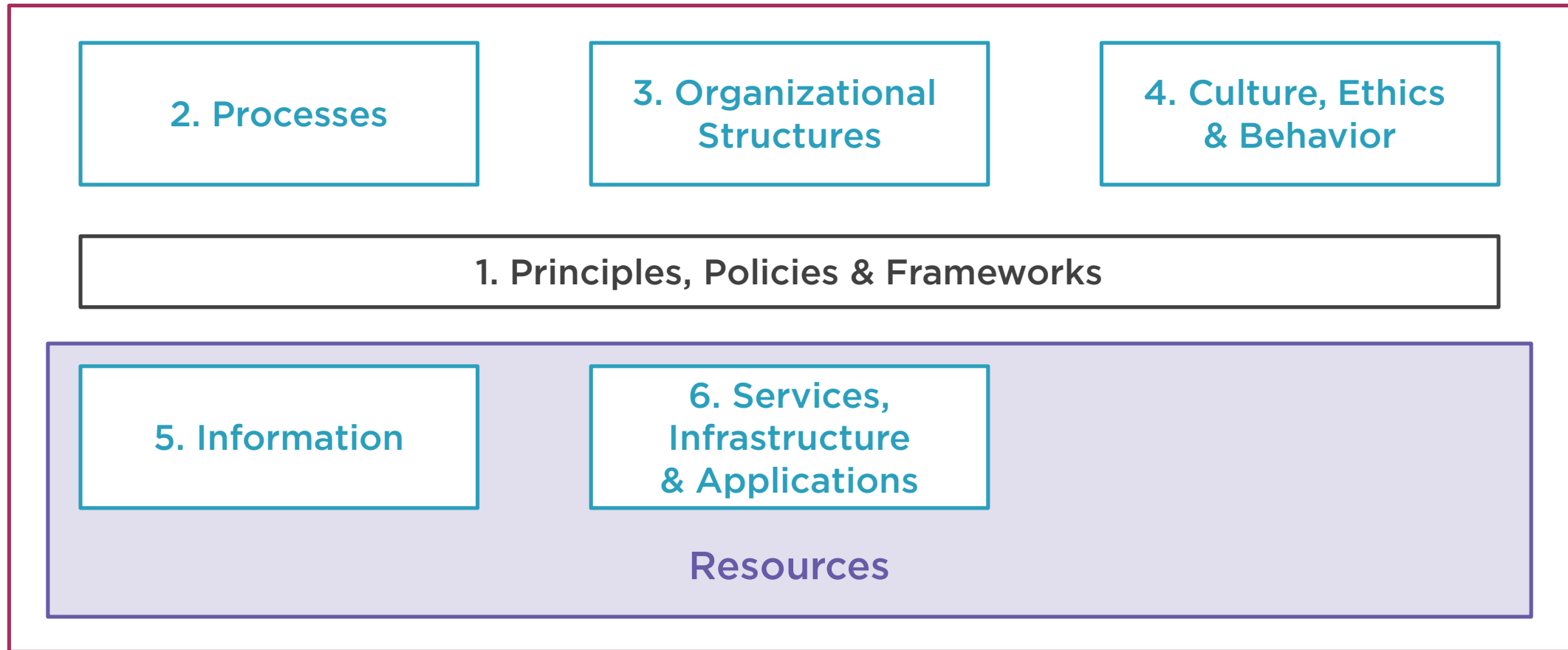**4. Culture, Ethics & Behavior**

1. Principles, Policies & Frameworks

5. Information

6. Services, Infrastructure & Applications

7. People, Skills & Competencies

Resources

COBIT5 Enablers Overview

2. Processes	3. Organizational Structures	4. Culture, Ethics & Behavior

1. Principles, Policies & Frameworks

5. Information	6. Services, Infrastructure & Applications	7. People, Skills & Competencies

Resources