# PingOne Authorize

PingOne Authorize leverages real-time data to make authorization decisions for access to data, services, APIs and other resources. Organizations increasingly want to codify their authorization requirements as policies, giving business owners the flexibility to adapt and evolve access control rules over time. Our solution helps organizations accurately control what users can see and do within applications. With an exploding number of applications, regulations and access control requirements to manage, abstracting authorization logic to a centralized administrative control plane is the key to enabling scale and consistency.
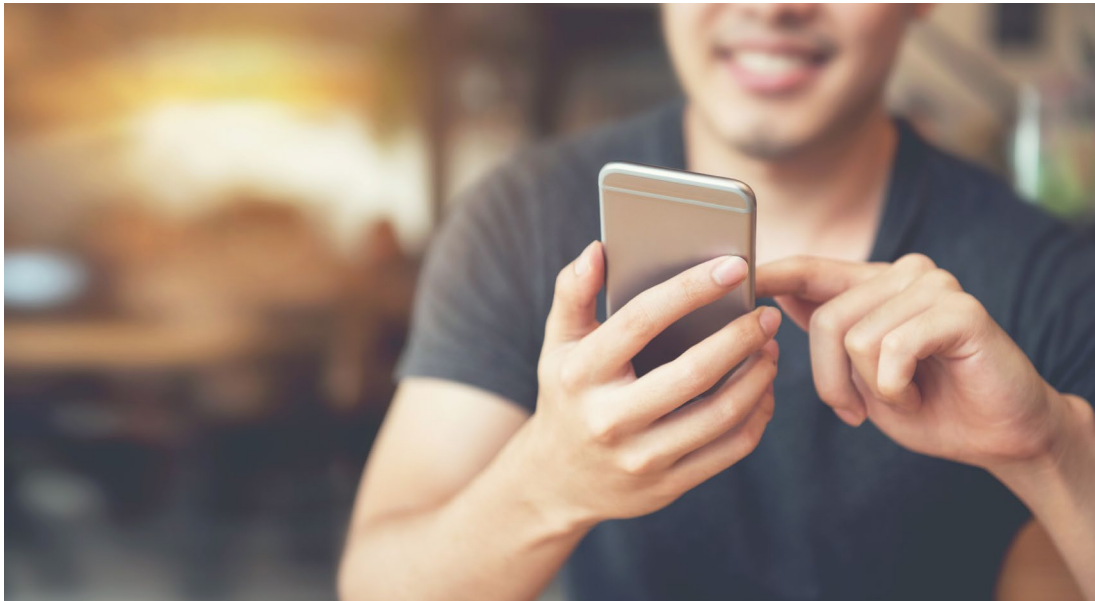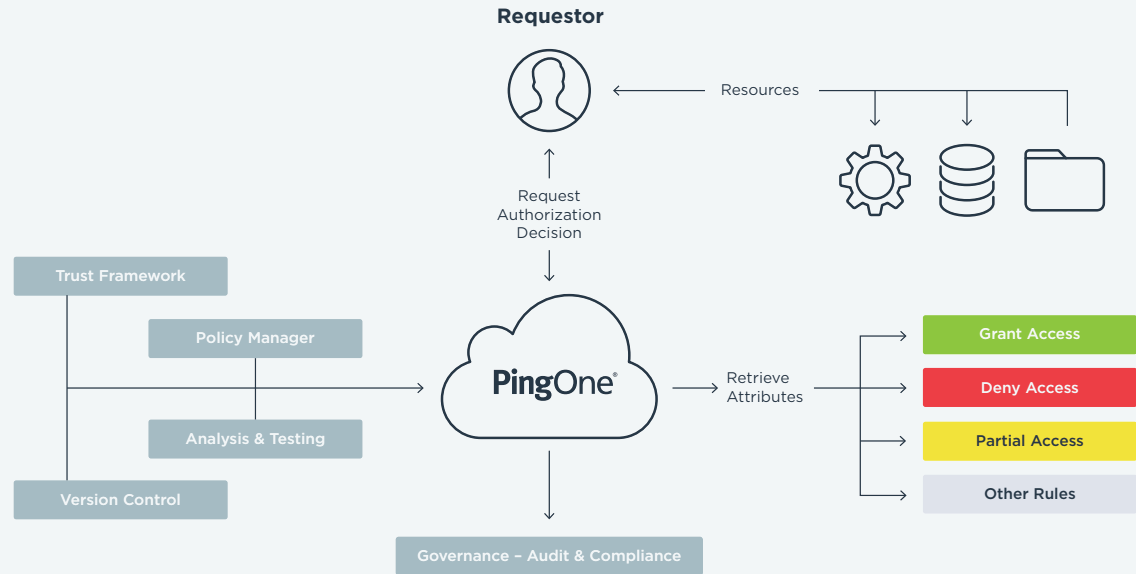
Features

- Authorize users or systems executing sensitive actions or important transactions

- Define when customers or third parties can access resources or limit what they can see

- Protect data accessed through data stores and APIs

- Enable new digital business initiatives

- Enforce customer data-sharing consent for regulatory compliance

- Elevate visibility and control over the policies that apply to your entire data landscape

- Externalize policy administration to business users instead of developers

- Govern access to entire resources or individual attributes

- Manage access using identity attributes, entitlements, consents, real-time risk signals and any other contextual information, regardless of where that contextual data is stored

How It Works

PingOne Authorize delivers centralized authorization policies that evaluate identity attributes, entitlements, consents and other contextual information in order to authorize critical actions, manage access to high-value data and check a user's permission to access resources. All this gives your organization the flexibility to manage policy administration and access based on your enterprise requirements, as well as update policies in minutes with a drag-and-drop UI.

Requestor

Resources

Request Authorization Decision

Trust Framework

Policy Manager

Analysis & Testing

Version Control

PingOne®

Retrieve Attributes

Grant Access

Deny Access

Partial Access

Other Rules

Governance – Audit & Compliance

Business-Driven Policies

PingOne Authorize is designed to make it easy to create and tailor fine-grained authorization policies around your unique business needs. This means that enterprises no longer need to rely on hidden, "hard-baked" access control decisions from application development teams. PingOne Authorize provides an elegant Trust Framework that allows administrators to dynamically connect and define data sources that will be used by a policy. The policies section provides business users with an easy-to-use solution for creating and managing the conditions and rules that evaluate data and make policy decisions.

Smart, Resilient Decision API

Our decision API provides organizations with a high-performance, scalable decision mechanism that is efficient at accessing a multitude of external systems to provide real-time decision responses. The flexibility of the APIs allows developers to externalize authorization decisions from their applications, decoupling access control policy from the software development life cycle and allowing policy changes to be available in minutes. This pattern supports almost any authorization use case.

Alternatively, PingOne Authorize can be deployed as a sideband to existing API management gateways for seamless integration. It evaluates API requests

and responses and enforces policy decisions, all without asking your developers to make any changes at the database or microservice level.
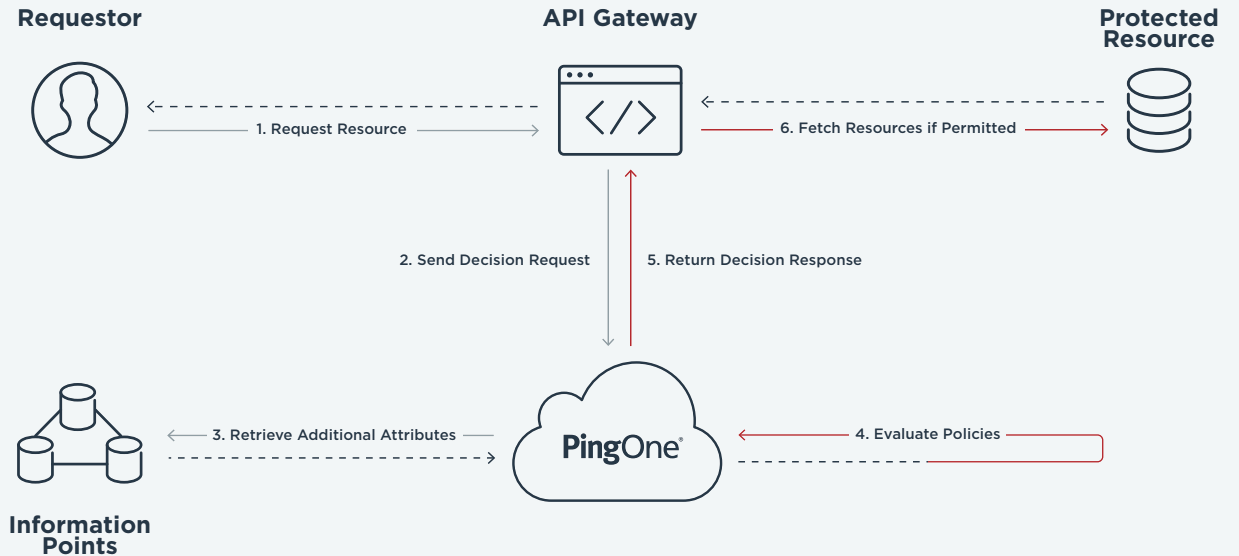
Collaborate, Share and Monitor

A comprehensive record of policy configuration changes is captured in version control history and policy administration activity can be shared and collaborated on by teams of operators. This gives the organization visibility and consistency towards authorization across their digital estate. Administrators can visualize how policy decisions were reached with access to comprehensive logs of governance and audit information, satisfying regulatory and enterprise-grade information governance requirements.

Benefits

Address Multiple Use Cases

As enterprises' usage of APIs, apps, data and resources grows exponentially, PingOne Authorize helps create better, consistent and unified experiences across your digital ecosystem. PingOne Authorize provides comprehensive controls to authorize who has access to what and in what context, addressing multiple authorization use cases that balance a frictionless customer experience alongside the appropriate security controls.

Requestor

API Gateway

Protected Resource

1. Request Resource

6. Fetch Resources if Permitted

2. Send Decision Request

5. Return Decision Response

3. Retrieve Additional Attributes

4. Evaluate Policies

Information Points

PingOne Authorize enables:

- Policy-based control of user experiences

- Access controls based around a user's location, time of access, group membership, transaction value or any other context-specific data

- Adaptive authorization using external fraud and risk signals

- The exploitation of existing sources of entitlement and permission, without requiring duplication

- Fine-grained authorization of how sensitive data assets are exposed based on the evaluation of identity and other contextual information

- Context-aware orchestration of upstream systems based on information about the user, resource and action—e.g. enabling step-up authentication and approval workflows

- Flexibility and agility around your API access management controls, going beyond OAuth scopes and claims to utilize dynamic attributes at the point of access

DATASHEET

PingOne Authorize

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