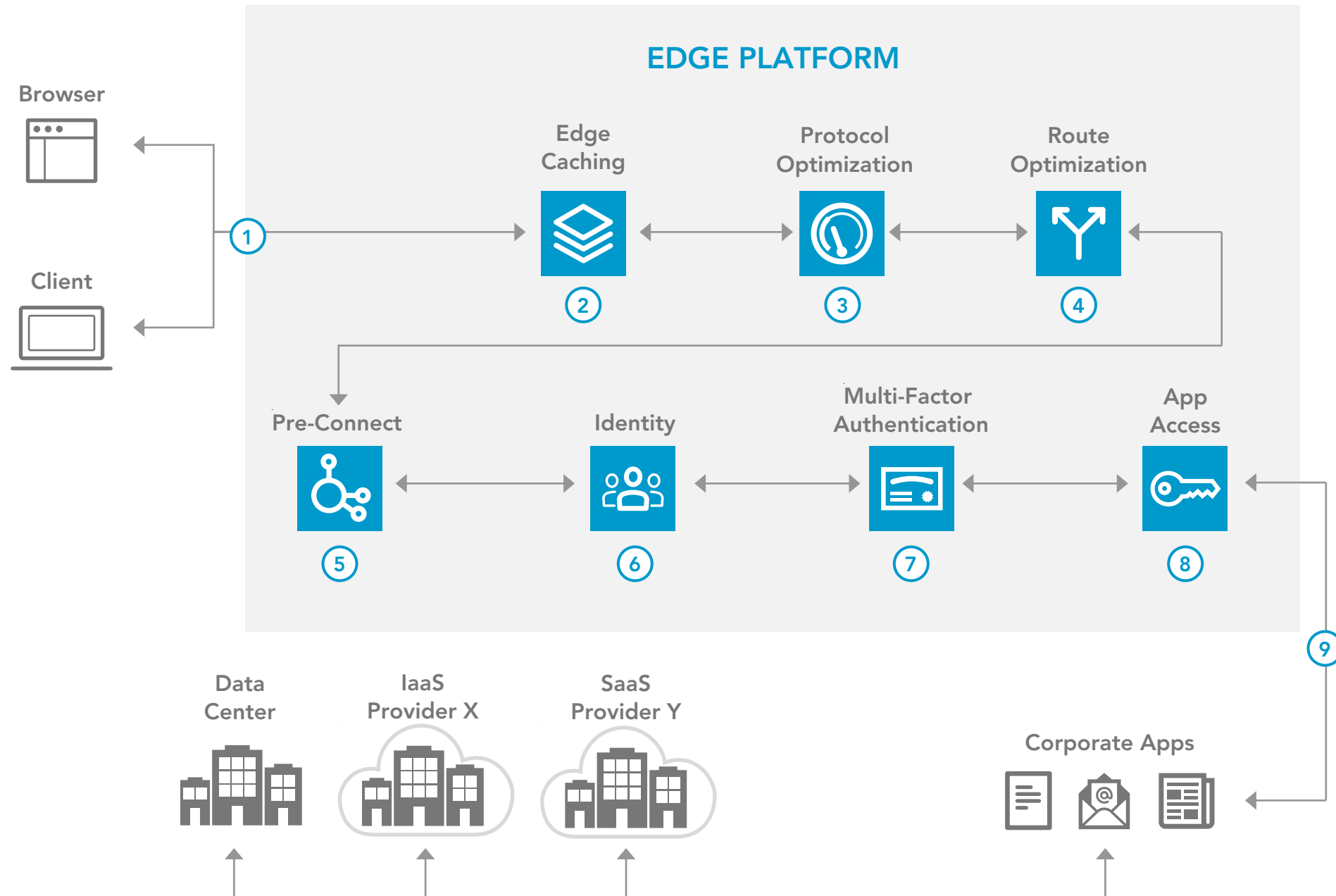


TRADITIONAL VPN ELIMINATION

Reference Architecture



OVERVIEW

The Akamai Intelligent Edge Platform lets you provide access to corporate applications with the efficiency of a single set of security and access controls. And at the same time, it restricts users to required applications. This saves resources, improves performance, and reduces risk.

- 1 Users access corporate applications through the Akamai Intelligent Edge Platform.
- 2 Serving content from cache improves application performance and reduces bandwidth costs.
- 3 Protocol optimization enhances web protocols to deliver better application performance.
- 4 Route optimization selects the optimal path across the Internet to avoid performance degradations and bottlenecks on the web to improve application experiences.
- 5 Pre-connect scans pages and establishes connections to on-premises and IaaS-based resources before they are needed.
- 6 Identity of the user is established using on-premises, cloud-based, or Akamai identity stores.
- 7 Multi-factor authentication for corporate applications supports email, SMS, TOTP, or seamless integration with third parties like Duo Security.
- 8 Based on the user's identity and other signals, access is provided only to required applications and not the entire corporate network.
- 9 The Akamai Intelligent Edge Platform routes authorized and authenticated users to the relevant corporate applications.

KEY PRODUCTS

Application acceleration ▶ Ion

Identity and application access ▶ Enterprise Application Access