

Security-first IAM by Cisco Duo

Get revolutionary security that's built for identity.

Cisco Duo provides the only security-first Identity and Access Management (IAM) solution built from the ground up to protect organizations from identity-based threats. Unlike traditional IAM solutions, Duo integrates all necessary components to serve as the sole IAM platform, while operating as a unified defense layer across your existing identity infrastructure.

Leveraging Identity Intelligence, Duo delivers deep, cross-platform identity visibility. It employs AI to analyze identity context from multiple sources across your ecosystem, ensuring continuous monitoring and proactive responses to identity threats before, during, and after login. To defend the entire authentication chain from advanced threats, Duo provides robust end-to-end phishing resistance that's easily deployable without the need for additional hardware or complex implementations.

By integrating security from the outset, Duo significantly lowers your total cost of ownership for identity management. It provides a world-class access experience for end users while simplifying implementation and management for administrators.

Duo Editions

From setting up MFA for just a few users to securing your entire workforce, Duo empowers organizations to significantly reduce their attack surface, protect against identity threats, and demonstrate compliance while delivering a seamless user experience.

Duo Essentials – \$3/user/month

Get everything needed to secure your identity perimeter and boost user productivity. Duo Essentials is a strong security-first IAM solution that includes:

- **Duo Directory**: simplify your identity stack using Duo as your source of truth for identity and security, removing the need for an external authentication source.
- **Phishing-resistant MFA**: prevent MFA bypass with Duo Proximity Verification by verifying the authentication and access devices are in close proximity.
- **MFA**: flexible support of additional authentication factors such as Verified Duo Push, FIDO2 security keys and biometrics, and more.
- **Duo Single Sign-On (SSO)** with **Duo Central**: provide a consistent user experience and easy application access with a single login.
- **Complete Passwordless**: enable an end-to-end passwordless experience from initial enrollment to authentication without falling back to passwords or reliance on third-party identity providers.
- **AI Assistant**: AI-powered conversational interface that helps administrators in their daily workflows.
- **Trusted Endpoints**: block access from unknown, unregistered devices and only allow trusted devices to gain access to resources.

Duo Advantage - \$6/user/month

Upgrade to Continuous Identity Security with Duo Advantage. Get cross-platform identity visibility and threat response capabilities, and a seamless access experience that is dynamically informed by risk – before, during, and after login.

Duo Advantage provides complete visibility of identity security posture (ISPM), device health posture checks, AI-based identity threat detection and response (ITDR), dynamic risk-based authentication, and a seamless login experience that minimizes repeated authentications.

Includes everything in Duo Essentials, plus:

- **Cisco Identity Intelligence:** identify, detect, and respond to identity-based threats by gaining comprehensive visibility and AI-driven analytics across your identity sources and incorporate identity context into Duo's risk-based authentication policies.
- **Duo Passport:** authenticate once on a trusted device and get uninterrupted access to permitted applications across browsers and thick clients, minimizing repeated authentication requests and protecting against session theft.
- **Risk-Based Authentication:** adjust authentication requirements in real time based on risk signals.
- **Device Health:** perform checks for updated operating systems, browsers, plug-ins, and compliance with security policies.
- **Adaptive Access Policies:** enforce adaptive access policies per application based on user's location, device health or network.

- **Duo Trust Monitor:** machine learning that detects potential attacks in progress, and surfaces suspicious events.
- **Visibility and Reporting:** full-featured dashboards and custom reports for compliance audits and ease of administrative management, with deeper visibility into devices.

Duo Premier - \$9/user/month

Expand protection and effortless access to cloud and on-premises resources and private applications without the need for a VPN.

Duo Premier is our most comprehensive security-first IAM solution. Get complete zero trust access for every application and enable VPN-less remote access to private resources.

Includes everything in Duo Essentials and Advantage, plus:

- **Duo Network Gateway:** provide VPN-less remote access to private applications hosted on-premises or in multi-cloud environments while enforcing zero trust security principles. Enable secure, seamless SSO access to internal web applications (HTTPS) and servers via SSH, RDP, and SMB.
- **Endpoint Protection Check:** Limit device access to applications based on presence of an endpoint protection product (CrowdStrike, SentinelOne, Cisco Secure Endpoint, etc.).

Security-first Identity and Access Management (IAM)

	Duo Essentials	Duo Advantage	Duo Premier
Duo Directory			
Utilize Duo as the source of truth for user directory, authorization, and attribute management	✓	✓	✓
Import users, groups, and administrators from external identity sources into Duo with directory synchronization	✓	✓	✓
Streamline deployment of key features such as Passwordless and SSO by routing authentication requests to the appropriate identity source in multi-directory environments	✓	✓	✓
Manage identity lifecycles (Create, Read, Update, Delete) by automating user provisioning into Duo from identity sources (inbound SCIM) and from Duo to third-party applications (outbound SCIM)	✓	✓	✓
Create and store custom attributes to further define user identities	✓	✓	✓
Single Sign-On (SSO)			
Cloud-based SSO for all SAML 2.0 and OpenID Connect (OIDC) applications	✓	✓	✓
Unlimited application integrations	✓	✓	✓
Easy application access and user device self-enroll/management with Duo Central	✓	✓	✓
Passwordless login to Duo Central	✓	✓	✓
Integrates with existing on-premises or cloud federation and identity providers or IdPs (e.g., Microsoft, Okta, Ping)	✓	✓	✓
Supports commonly used OIDC and OAuth 2.0 AuthN and AuthZ flows: authorization code, client credentials, refresh tokens, and authorization code with PKCE	✓	✓	✓

Security-first Identity and Access Management (IAM) cont.

	Duo Essentials	Duo Advantage	Duo Premier
MFA			
MFA using Duo Push, Verified Duo Push, FIDO2 security keys and biometrics, hardware tokens, OTP, SMS, and phone callback	✓	✓	✓
Unlimited application integrations	✓	✓	✓
User self-enrollment and self-management	✓	✓	✓
Telephony credits: 100 credits/user/year	✓	✓	✓
Adaptive Access Policies			
Assign and enforce authentication globally, per group or per user. Enforce policies based on authorized networks	✓	✓	✓
Assign and enforce policies per application		✓	✓
Block authentication attempts from anonymous networks like Tor, proxies, and VPNs		✓	✓
Risk-Based Authentication (RBA)			
Dynamically adjust authentication requirements in real time based on risk signals such as Wi-Fi Fingerprint and enforce risk-based policies while preserving user privacy		✓	✓
Trusted Endpoints			
Allow only managed and registered devices to access applications	✓	✓	✓
Enforce trust on BYOD and third-party devices through device registration	✓	✓	✓
Limit device access to applications based on enrollment in endpoint management systems such as Jamf, Intune, Meraki Systems Manager, Google Workspace, and more	✓	✓	✓
Limit device access to applications through managed browsers including Google Chrome Enterprise and Microsoft Edge for Business	✓	✓	✓

Security-first Identity and Access Management (IAM) cont.

	Duo Essentials	Duo Advantage	Duo Premier
Device Health			
Enforce policies based on security health of laptops and desktops (out-of-date OS, browsers, and plug-ins, encryption, firewall, etc.)		✓	✓
Enforce policies based on security health of mobile devices (encryption, tampered, screen lock, biometrics)		✓	✓
Notify users when and how to self-remediate their devices without help desk intervention		✓	✓
Visibility into security health of devices		✓	✓
AI Assistant			
Quickly investigate and remediate user access issues with authentication logs, device data, and more	✓	✓	✓
Query trusted Duo documentation to find answers for configuration, administration, and troubleshooting guidance	✓	✓	✓
Utilize natural language filtering of authentication and activity logs	✓	✓	✓
Duo Passport			
Log in only once. Establish a trusted session with a single authentication at the OS level that skips repeated authentications across browsers, SSO, thick and thin clients, and private apps unless risk is detected		✓	✓
Remote Access with Duo Network Gateway			
VPN-less remote access to private applications (hosted on-premises or multi-cloud environments)			✓
Secure access to internal web applications (HTTPS) and internal servers via SSH, RDP, and SMB			✓
Secure remote access to applications hosted in Amazon Web Services (AWS), Azure, and Google Cloud Platform (GCP)			✓

End-to-end Phishing-resistant Authentication

	Duo Essentials	Duo Advantage	Duo Premier
Phishing-resistant MFA			
Block phishing and remote attacks by leveraging the user's mobile phone as proof that the access and authentication devices are in close proximity with Proximity Verification	✓	✓	✓
Enforce utilization of phishing-resistant factors	✓	✓	✓
Complete Passwordless			
Log in securely and eliminate passwords entirely using Duo Mobile and FIDO2 authenticators	✓	✓	✓
Enroll new users into Duo without requiring a password	✓	✓	✓
Remove the option for users to fall back to a password when authenticating	✓	✓	✓
Provide bypass codes to users who lose or forget their passwordless authenticator	✓	✓	✓
Passwordless authentication to SSO applications (Duo SSO, third-party SSO)	✓	✓	✓
Session Theft Prevention			
Protect against session hijacking and token theft by eliminating the use of session cookies		✓	✓



Unified Identity Intelligence	Duo Essentials	Duo Advantage	Duo Premier
Cross-identity Sources Visibility			
Gain visibility across identity sources into MFA usage, admin controls, inactive or dormant accounts, excessive permission, and more (Cisco Identity Intelligence)*		✓	✓
Identity Security Posture Management (ISPM)			
Identify gaps, vulnerabilities, and inconsistencies in identity posture and receive impact and remediation recommendations		✓	✓
Identity Threat Detection and Response (ITDR)			
Detect, analyze, and respond to identity-based threats, both proactively and reactively		✓	✓
User Trust Score			
Score user trust dynamically. Assesses user risk level by analyzing user behavior, context, and historical data across multiple identity sources. That insight can be shared with other products such as Cisco Secure Access, Cisco XDR, Splunk, and more.		✓	✓

*With Duo Advantage and Duo Premier, each user license allocates up to five (5) identities in Cisco Identity Intelligence (CII). An identity is one "user" listed within the CII interface. If You exceed this allocation, Cisco will work with You in good faith to try to resolve that excess usage. You may be required to purchase additional Duo user licenses to obtain additional CII identities.



Support

Duo Basic Support

Included with purchase of any Duo subscription

- Access to support and troubleshooting via phone, online tools, and web case submission 9-5 ET, 9-5 PT, M-F. 24x7x365 support for critical issues (Premium available)
- Access to <https://duo.com/support> with helpful technical and general information on Duo products, as well as access to Duo’s online community and documentation

Duo Premium Support (Duo Care)

Available to purchase with every edition of Duo based on the total number of user licenses

- Strategic support from an assigned Customer Success Manager
- Technical support and response from an assigned Customer Solutions Engineer
- 24x7x365 support
- Priority Ticket SLA
- VIP Support Line - extended Duo support access 18 hours per day (local time), 5 days a week to assist by a VIP support line
- Duo Quick Start for organizations that are new to Duo and ready to focus on deployment for up to 3 applications and a user population under 1,500

Pricing

	Duo Essentials	Duo Advantage	Duo Premier
Price Per Month	\$3/user	\$6/user	\$9/user
Support	Duo Basic Support is included with any purchase of Duo. For Premium Duo Care support and Duo Quick Start, contact your Sales representative or go to https://duo.com/about/contact		



Summary

Only Duo provides advanced security features that protect the broadest variety of environments, users, devices, and applications in one seamless solution that is easy to deploy, simple to use, and cost-effective.

Find out yourself by [trying Duo free for 30 days.](#)

Cisco Duo provides strong security with multi-layered defenses and cutting-edge capabilities that thwart sophisticated malicious access attempts, in a way that frustrates attackers, not users.

Try it for free at [duo.com.](#)