At a Glance Cisco Public



Strong security. Privacy. Increased productivity. **Making a great solution even better.**



Cisco Duo has always made strong security feel easy. With the addition of role-based access control for subaccounts, this great solution has become even better. That's good news for our MSPs – and great news for the clients they serve.

Frustrating attackers, not admins

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 and admins. The perception that strong security is hard to attain because it's too complex, too disruptive or too expensive needs to end. Otherwise, the attackers win. Duo busts these myths by providing secure access in one seamless solution that is simple to use, configure and administer, easy and quick to deploy and cost-effective. We regularly hear customers say this was the easiest, yet highest impact, IT rollout of their careers.



Solution Benefits

- Reduce risk of data breaches by adopting strong and adaptive MFA, phishing-resistant MFA using FIDO2 (WebAuthn), Single Sign-On (SSO), Passwordless, Risk-based Authentication, device verification and more
- Easily prove compliance with regulation requirements and governance policies
- Enable hybrid and remote work, without compromising on security or privacy
- Drive high productivity by minimizing friction and ensuring adoption of security best practices for users
- Lower administrative burden and IT costs with a quick to deploy and easy to manage solution
- Better than ever usability and security for customers and partners managing multitenant structures in the admin panel

Securely empowering IT admins

Introduced in two key capabilities, the addition of role-based access control (RBAC) has made Duo's great solution even better for MSPs and their clients. With new subaccount roles, IT admins can now assign distinct roles and permissions at the account and subaccount levels. Access tagging allows IT admins to gain access to specific accounts with a single login – making sure they're only accessing the accounts they need to and opening the way for better security hygiene, improved overall user experience, and better control.

Supporting MSPs, protecting customers

Now more than ever, Cisco Duo is the definitive solution for helping MSPs enhance their security portfolio by eliminating complexity and giving customers simple, scalable and flexible security that keeps everything connected and protected.

With Duo, everybody wins!

Build resilience against unauthorized access and MFAtargeted attacks

As attackers are increasingly targeting gaps in weaker multi-factor authentication (MFA) implementations, Duo provides the following capabilities to protect against attacks while optimizing the user and admin experience.

- FIDO2 (WebAuthn) support to enable phishingresistant authentication
- Verified Duo Push to combat push fatigue and push harassment attacks
- Trusted Endpoints to allow access only from known and trusted devices and block access from unmanaged or unregistered devices
- Risk-Based Authentication to step-up or 'ease-up' login requirements based on changing risk
- Passwordless Authentication to enable easy access that's far more secure than a password



- Single sign-on to reduce the reliance on passwords and reduce the attack surface
- Device Health checks to ensure only healthy and compliant devices are granted access
- Adaptive Access policies to get granular about who can access what and when, based on role, device, location, and many other contextual factors

Quick to implement, simple to configure and easy to use, Duo lowers support costs and improves user productivity. And with many capabilities in one, Duo is the ideal choice for organizations of all sizes that care about security.

With Duo role-based access control, everybody wins

Here's how...

Duo is designed to support the partnership between our MSPs and the customers they serve. The addition of role-based access functionality is the latest example of this commitment, making a great solution even better for everyone.

- Even better for security by defining roles and granting appropriate permissions – bringing more granular controls and least-privileged access practices.
- Even better for compliance by providing a structured approach to managing access rights that can help you on your journey to comply with the increasing challenge of regulatory compliance.

- Even better for long-term efficiency and productivity by making it easier for you to onboard new clients, scale operations, and ensure consistent access controls across your client base.
- Even better for risk management by allowing you to minimize the potential for unauthorized actions and data breaches.
- Even better for audit process simplification by providing a clear record of which admins have access to specific resources.
- Even better for client trust and reputation by demonstrating your commitment to security and data protection.



		Duo Essentials Everything needed to secure access and boost user productivity	Duo Advantage Higher security and user productivity with risk-based authentication, device health checks and visibility	Duo Premier Highest security and user productivitiy with easy access and protection for private resources
Role-Based Access	Manage admin access to accounts and sub- accounts for multi-tenant customers	\checkmark	\checkmark	\checkmark
MFA	Protect against stolen credentials and	 Image: A set of the set of the	\checkmark	\checkmark
Push Phishing Protection	Prevent attackers from bypassing MFA using	 	\checkmark	~
Single Sign-On	Log in only once to access multiple applications with Duo SSO	 	 Image: A set of the set of the	~
Passwordless	Securely log in without a password using Duo Mobile or FIDO2 authenticators	 	 Image: A set of the set of the	~
Trusted Endpoints	Check device is registered or managed before allowing access	 	 Image: A set of the set of the	~
Role Based Access	Manage admin access to accounts and subaccounts for multi-tenant customers	 	 Image: A set of the set of the	~
Device Health	Check device security posture before granting access. Provide visibility into security health of devices trying to gain access.		~	~
Risk-Based Authentication	Dynamically adjusts authentication requirements in real time based on risk signals		 Image: A set of the set of the	 Image: A start of the start of
Threat Detection	Detect potential on-going attack attempts using machine learning-based Duo Trust Monitor		 Image: A set of the set of the	 Image: A start of the start of
Remote Access	Securely access on-premise resources without VPN with Duo Network Gateway			\checkmark
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