Microsoft Entra Internet Access

Secure access to all internet, SaaS, and Microsoft 365 apps and resources

With the rise of hybrid work, both identity and network security professionals have found themselves on the front lines of protecting their organizations. Because traditional network security tools don't meet the integration, complexity, or scale needs of anywhere-access, organizations are vulnerable to security risks and poor user experiences.
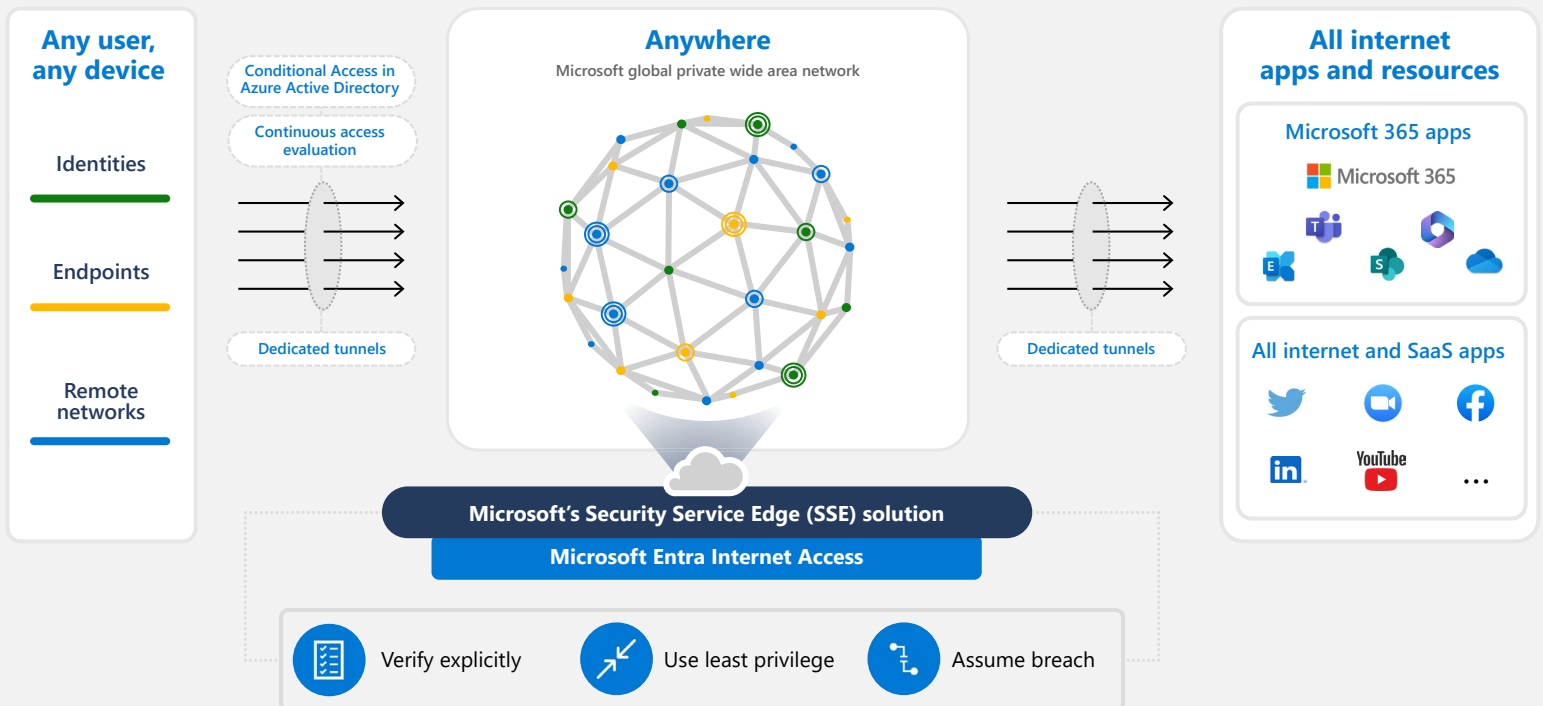
Network security and identity need to work together as a seamless force on the front line of defense. Only when identity and network controls deeply integrate to secure access, can we fully deliver on the core Zero Trust principles, where trust is never implicit while access is granted on a need-to-know and least privileged basis across all users, devices, and applications.

! Limitations of legacy approaches to network security

Poor user experience and decreased productivity
Legacy on-premises security stack is slow and unable to scale to meet today's hybrid workforce needs.

Siloed and poorly integrated security stack is no longer efficient
Multiple, disjointed security solutions add complexity, risks, and cost while introducing security gaps.

Limited ability to protect against sophisticated attacks
Legacy systems lack capabilities to handle the growing attack surface and new attack methods.

Microsoft Entra Internet Access

Microsoft Entra Internet Access is an identity-centric secure web gateway (SWG) that protects access to all internet resources, including software as a service (SaaS) apps, and Microsoft 365 apps and resources. It extends context-aware sophistication of Conditional Access policies to network security functions such as cloud firewall, DLP and web content filtering. For Microsoft 365 environments, it enables best-in-class security and visibility, along with faster and more seamless access to Microsoft 365 apps, so you can boost productivity for any user, anywhere. Microsoft 365 scenarios in Microsoft Entra Internet Access are in preview today, and you can sign up for the preview of capabilities for all internet traffic and SaaS apps and resources that will be available later this year.

Any user, any device

Identities

Endpoints

Remote networks

Conditional Access in Azure Active Directory

Continuous access evaluation

Dedicated tunnels

Anywhere
Microsoft global private wide area network

Dedicated tunnels

All internet apps and resources

Microsoft 365 apps

All internet and SaaS apps

Microsoft's Security Service Edge (SSE) solution
Microsoft Entra Internet Access

Verify explicitly   Use least privilege   Assume breach

Solution benefits

Microsoft Entra Internet Access delivers superior secure access to all internet, SaaS apps, and Microsoft 365 apps.

Extend Conditional Access with network conditions to eliminate gaps in defenses with holistic, adaptive access policies that converge Conditional Access, continuous access evaluation, and network security controls.

Modernize network security to protect users, apps, and resources against malicious internet traffic and other threats from the open internet with a comprehensive, cloud-delivered network security toolset.

Enhance security and visibility for Microsoft 365 access with fast and seamless access to Microsoft 365 apps that boost productivity for any user, anywhere.

Key capabilities

Unify network access controls with Conditional Access and Continuous Access Evaluation to make network security policies user and context-aware, while facilitating dynamic access management when conditions change.

Protect against data exfiltration through foreign identities to foreign tenant alongside data path protection against anonymous access.

Prevent users from bypassing the secure network edge while accessing cloud applications through easy-to-manage compliant network constructs.

Restrict end-user access to unsafe and noncompliant content with fully qualified domain names and web category filtering.

Attain deep traffic insights by monitoring all network sessions to any internet endpoint with extensive filtering and data export provisions.

Identify and block malicious network activity by preserving original source IP context within risk detection algorithms, activity logs, and Conditional Access.

Enrich real-time visibility for security events. Facilitate faster threat detection for Microsoft 365 apps and resources through enriched logs.

Improve the end-user experience for Microsoft 365 with best-in-class availability, reliability, and performance.

Deploy on its own or side-by-side with third-party security service edge (SSE) solutions and seamlessly acquire Microsoft 365 traffic.

Protect everything

Learn more about Microsoft Entra Internet Access and provide extra protection for your hybrid workforce.

[Microsoft Entra Private Access site](#) »

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