

Authenticate users to safeguard your network

Validating users and devices is a top security concern

Many organizations adopt cloud-based architectures and software as a service (SaaS) to provide hybrid and remote employees, partners and contractors with reliable, low-latency network access to applications and systems. The potential of these solutions is powerful for efficiency, resiliency and ubiquity, but moving from a traditional private network to the cloud can significantly expand the attack surface.



Almost 90%

of organizations are using multi-cloud architectures.¹



4 out of 5

breaches involve data in the cloud.²

Every user and device is a potential attack target

For maximum productivity, workers need high network availability and performance to access applications, data and cloud services with company-owned or personal devices. The risk is that even a single user who has an easily guessable password, has lax password management or turns off authentication protections, for example, can create opportunities for threat actors to breach your network.

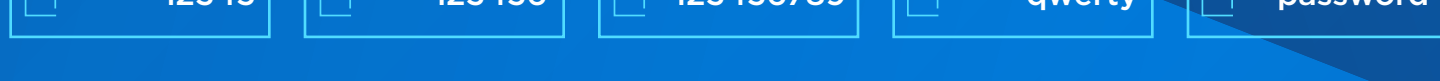
64%

of users authenticate with multi-factor authentication (MFA).³

65%

of users have the same password for multiple accounts.⁴

The five most common passwords in 2024⁵



Safeguarding your network demands attention and resources

Resource constraints that limit IT staffing levels and expertise can increase security risk. In response, organizations often look to managed service providers. Selecting a single trusted partner that can support your entire network is critical to developing an effective strategy to enhance cloud-based data security. Actively guard against threats — such as unauthorized access — and scale and adapt as risks evolve.

57%

of workers say cutbacks at their organization put them at moderate or extreme risk of cybersecurity attacks.⁶

78%

of executives say their organization does not have the in-house skills to reach their cybersecurity objectives.⁷

Enact secure access strategies to protect your network

The right technology partner can help you implement managed cloud security, automate monitoring, support your governance and provide access to resources and expertise to analyze and react to security alerts. Robust cloud-based security can ensure that only authorized users and devices access your network while supporting compliance with industry and regulatory mandates. A managed solution can also support a consistent user experience to help optimize worker productivity while simplifying and easing the security management load for IT staff.

Key steps for controlling network access:

- **Validate user identity** to ensure only authorized entities can access your network. Passwords alone are not enough. MFA requires a second authentication source to verify users' identities.
- **Protect your workforce** with a zero trust network access (ZTNA) approach to security that continuously re-verifies each network user's credentials regardless of location or device.
- **Identify and mitigate threats** with a holistic view and continuous monitoring across your whole network of users and devices — including bring your own device (BYOD) endpoints — as well as services and applications.

Secure your network with Spectrum Enterprise®

Spectrum Enterprise offers a broad portfolio of connectivity and security services to enhance and simplify security across your clouds, premises and distributed workforce, all backed by 100%, 24/7/365 U.S.-based support. We can assemble, integrate and maintain solutions tailored for you — empowering your teams to achieve a simpler, stronger security experience. Consult with our experts and explore professional integration services to determine the optimal configuration for your needs.

[Learn more](#)

1. "2024 State of the Cloud Report," Flexera, 2024.
2. "Cost of a Data Breach 2023," Ponemon Institute and IBM Security, 2023.
3. "The Secure Sign-in Trends Report 2023," Okta, 2023.
4. Susan Laborde, "Password Reuse Statistics: Over 60% Have a Password Problem," TechReport, June 4, 2024.
5. Paulius Masiliauskas, "Most Common Passwords: Latest 2024 Statistics," Cybernews, November 27, 2023.
6. "ISC2 Reveals Growth in Global Cybersecurity Workforce, But Record-Breaking Gap of 4 Million Cybersecurity Professionals Looms," ISC2, October 31, 2023.
7. "Global Cybersecurity Outlook 2024," World Economic Forum, January 11, 2024.

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