BytePlus | MYNET

Revolutionizing Game Distribution for Mynet with BytePlus CDN

Background and Introduction of Mynet

Since its inception, Mynet has been at the forefront of the gaming industry in Japan. Managing 24 game titles, with several extending their reach to a global audience, Mynet has garnered millions of users. Known for its engaging game events and character releases, the company frequently updates its games, necessitating substantial data downloads. This vibrant ecosystem of games and updates has driven Mynet to seek robust and efficient content delivery solutions to meet the growing demands of its user base.

Challenges Faced by Mynet

Mynet's operational landscape presents several challenges. High data transfer needs, frequent game updates, and large file downloads, including movies, 3D models, images, and audio files, often cause substantial surges in traffic, particularly during new game events or promotional activities. To manage these demands, Mynet previously relied on multiple CDN providers. This multi-vendor approach was crucial to avoid the risks associated with dependency on a single provider. Additionally, balancing cost efficiency with high performance was a critical concern, especially given the extensive data transfer requirements. Slow initial downloads occasionally led to rejections from the Apple App Store, primarily when origin access speed was inadequate.

Data transfers	Game updates	File types	Traffic surges
Multiple CDN providers	Cost efficiency vs. performance	App Store rejections	

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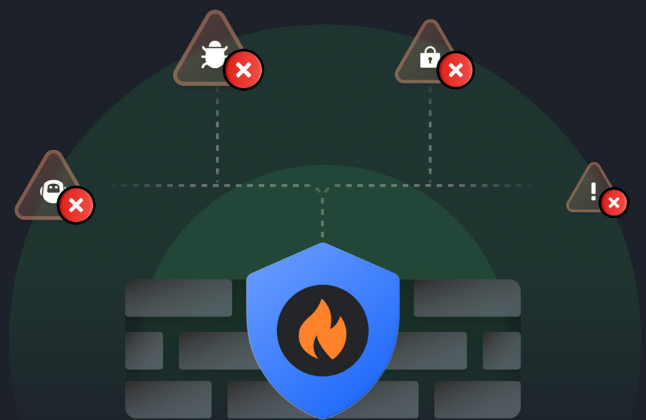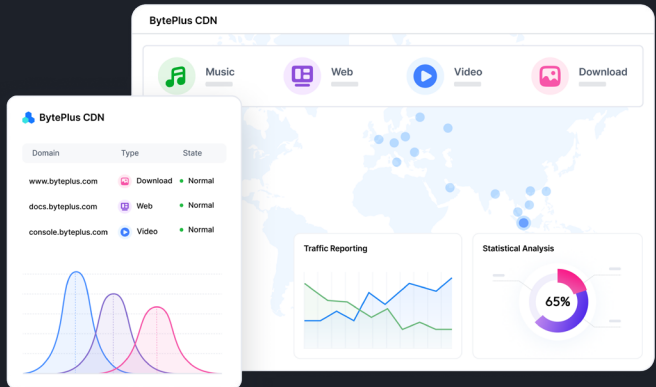
Solutions Provided by BytePlus CDN

Mynet's collaboration with BytePlus CDN brought transformative solutions that effectively addressed these challenges. BytePlus CDN's edge fetching feature allowed for prefetching content to edge servers, significantly reducing the latency experienced by users during downloads. This feature ensured faster initial downloads, mitigating the risk of app rejections due to slow download speeds.

Looking ahead, BytePlus CDN plans to further enhance Mynet's security posture by implementing integrated Web Application Firewall (WAF) capabilities in the near future. This upcoming feature will allow for IP whitelisting and blacklisting, providing better control over access to game assets and enhancing overall security without additional costs. Currently, Mynet manages separate WAF services, which adds complexity and expense. The future integration of WAF into BytePlus CDN's offering will streamline Mynet's security management and potentially reduce costs.

Despite transitioning from well-established CDN services known for their robust performance, Mynet experienced no drop in performance with BytePlus CDN. This demonstrated the efficiency of BytePlus CDN's caching and delivery mechanisms. The dedicated support team from BytePlus CDN ensured smooth operations, quickly resolving any technical issues that arose, further contributing to the positive experience.

BytePlus CDN's support team played a crucial role in assisting Mynet. The company implemented a premium support system, providing 24/7 service monitoring and proactive availability checks. This approach enabled Mynet to take rapid action on any identified outages or potential issues. The support team offered quick responses to technical requests, even on weekends, and delivered professional, detailed reports on any errors of concern.

Additionally, BytePlus CDN introduced programmatic health checks, which involved periodic examinations of Mynet's critical configuration files. These checks helped identify gaps, uncover problems, and discover opportunities for optimization, ensuring that Mynet's CDN implementation remained efficient and effective.

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Their expertise and prompt problem-solving capabilities were highly valued, ensuring uninterrupted service and optimal performance. Utilizing BytePlus CDN enabled Mynet to optimize costs while maintaining high performance and reliability. This was essential for managing large-scale game updates and providing a seamless user experience.

Key Highlights:

24/7 service monitoring	**Zero performance drop**
Proactive availability checks	**Rapid response times**
Programmatic health checks	**Optimization opportunities identified**
Smooth operations	**Professional, detailed error reports**

Transformative Impact and Results

The implementation of BytePlus CDN marked a significant turning point for Mynet's development process. The prefetching feature improved efficiency in the development environment, while the integrated WAF enhanced security by effectively controlling access to development resources. These improvements streamlined the development workflow, allowing the team to focus on creating and refining game features with reduced concerns about infrastructure performance and security.

BytePlus CDN ensured stable performance even during high traffic periods, such as new game events or promotional activities, where user engagement and data downloads peaked. The cost efficiencies gained from using BytePlus CDN allowed Mynet to reinvest in further enhancing its gaming platform and exploring new opportunities for growth. The dedicated support from BytePlus CDN's team ensured that any issues were promptly addressed, maintaining high service levels and user satisfaction.

Conclusion

Mynet's partnership with BytePlus CDN has been instrumental in overcoming significant operational challenges, optimizing costs, and enhancing user experience. The unique features provided by BytePlus CDN, such as edge fetching and integrated WAF, coupled with excellent support, have positioned Mynet for sustained growth and success in the competitive gaming industry. As Mynet continues to innovate and expand, BytePlus CDN will remain a crucial partner in their journey, ensuring they meet and exceed the expectations of their millions of users.

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