

AMAZON S3 MASTERING THREE POWERFUL SERVER-SIDE ENCRYPTION

Swipe to know >>>



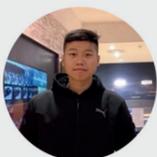
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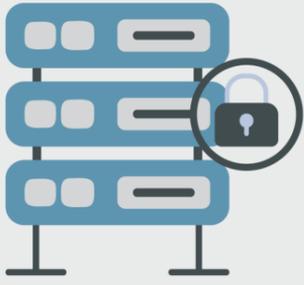
SERVER-SIDE ENCRYPTION (SSE)

“SSE with S3-Managed Keys (SSE-S3): Utilizes AES-256 encryption, managed automatically by Amazon S3, ensuring robust security without additional management overhead.”



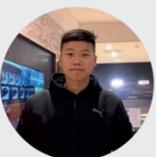
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SERVER-SIDE ENCRYPTION (SSE)

“SSE with AWS KMS Keys (SSE-KMS): Integrates with AWS Key Management Service, offering enhanced security controls, user access logs, and audit trails.”



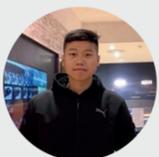
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SERVER-SIDE ENCRYPTION (SSE)

“SSE with Customer-Provided Keys (SSE-C):
Offers the highest level of control by allowing customers to manage your own encryption keys, which are not stored by Amazon S3.”



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CLIENT-SIDE ENCRYPTION

“Empower full encryption control by securing your data before it leaves your environment, ensuring that only encrypted data is stored on S3, accessible only by those with decryption capabilities.”



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AWS

INSIGHTS

