

What Is KMS?

AWS Key Management Service



Managed

Managed service that makes it easy for you to create and control the encryption keys used to encrypt your data.



Integrated

Seamlessly integrated with many AWS services to make encrypting data in those services as easy as checking a box.



Simple

With KMS, it is simple to encrypt your data with encryption keys that you manage.



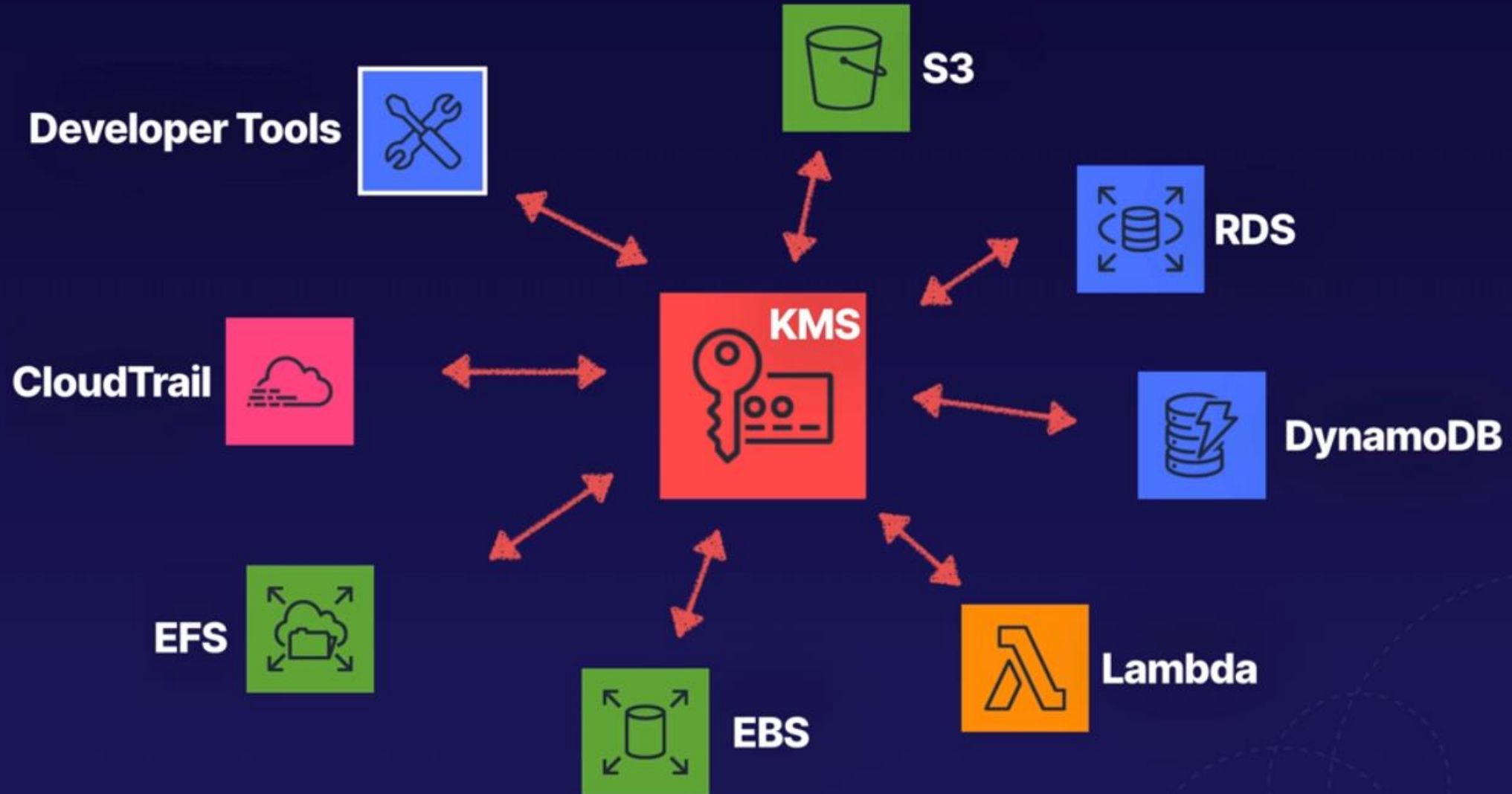
When Do We Use KMS?

Whenever you are dealing with sensitive information.

Sensitive data that you want to keep secret

- Customer data
- Financial data
- Database passwords
- Secrets
- Credentials

KMS Integrates With Most Other AWS Services



What is a CMK?



Customer Master Key

Encrypt / decrypt data up to 4KB.



What is it Used For?

Generate / encrypt / decrypt the Data Key.



Data Key

Used to encrypt / decrypt your data.