Strategies for migration application to the cloud

1. Rehosting

* Also known as lift-and-shift
* Most rehosting can be automated with tools provided by AWS
* many applications are easier to optimize and rearchitect once they are already on cloud

1. replatforming

* also known as lift-tinker-and-shift
* customer might make a few optimizations in order to achieve some tangible benefits
* otherwise, they are not changing the core architecture of the application

1. repurchasing

* this involves moving to a different product or vendor solution
* a common example is moving to a SaaS for ERP or CRM

1. Refactoring/Rearchitecting

* Involve reimagining how the application is architected and developed
* Common example is business must add features, scalability, or performance that would otherwise be challenging to achieve in the application current state
* A more expensive option for organizations looking to migrate from a monolithic architecture to a service-oriented or serverless cloud environment

1. Retiring

* An application or service has reached the disposition phase because of:  
   - supply chain challenges  
   - end of life or end of support  
   - deprecated technology  
   - regulation or compliance  
   - no more utility(usfullness)

1. Retaining

* Do nothing for the foreseeable future
* The company may be still riding out some depreciation

Cloud adoption resources

AWS professional services - global team of experts that can help ustomers realize   
 their desired business outcomes  
 AWS solutions architects - certified cloud architects  
 AWS activate for startups - free templates, tools, resources, content, and expert   
 support to accelerate the startup  
 AWS knowledge center - helps answer the questions most frequently asked   
 AWS compliance  
 AWS cloud adoption framework