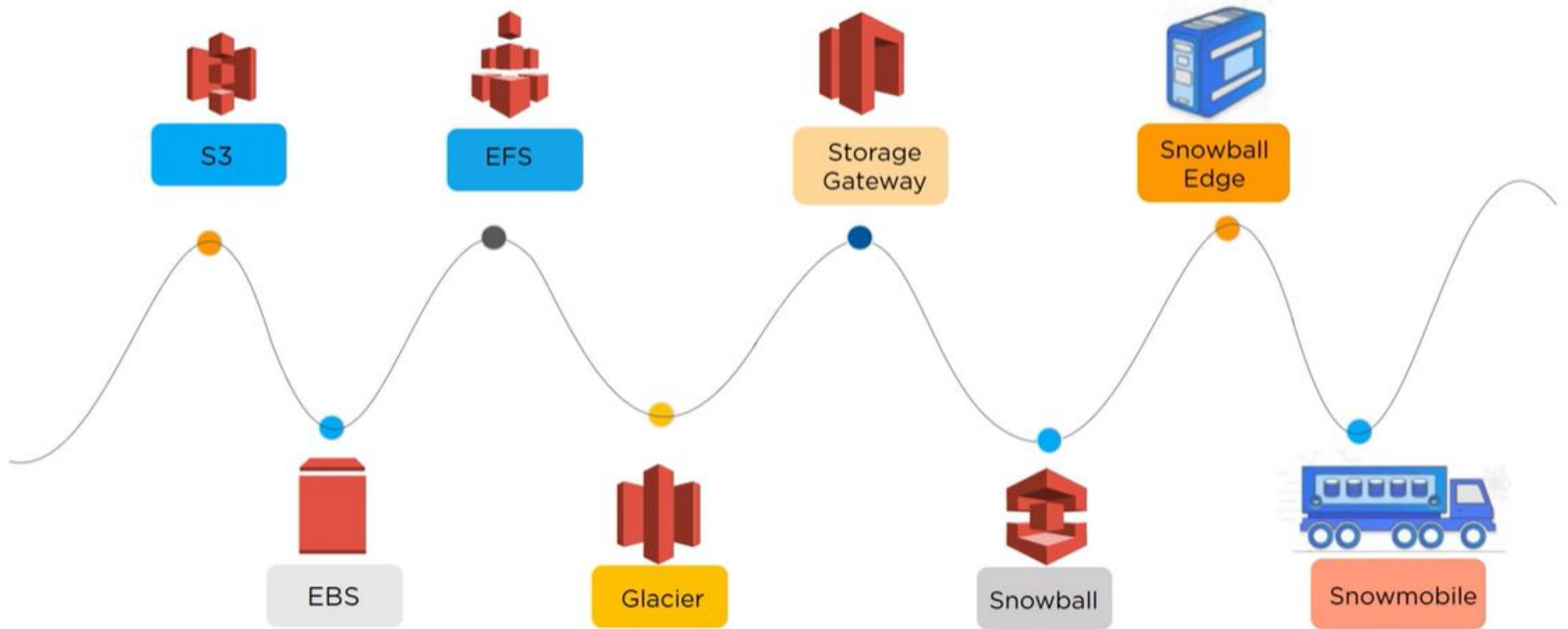


What is a Cloud storage?

Cloud storage provides a web service where your data can be stored, accessed and easily backed up by users over the internet



Types of storage



Before Amazon S3

MAINTAINING YOUR OWN REPOSITORY IS EXPENSIVE AND TIME CONSUMING

Factors that make a repository expensive and time consuming are:

- To purchase hardware and software components
- Hiring a team of experts for maintenance
- Lack of scalability based on your requirements
- Data security requirements



Benefits of S3



Object & Bucket in Amazon S3

An object consists of data, key(assigned name) and metadata

A bucket stores objects

When data is added to the bucket, Amazon S3 creates a unique version ID and allocates it to the object

For Example:



Object: folder/Penguins.jpg

Bucket: simplilearn

Link Address: <https://s3.amazonaws.com/simplilearn/folder/Penguins.jpg>

Key(name)

Version ID