



AWS S3

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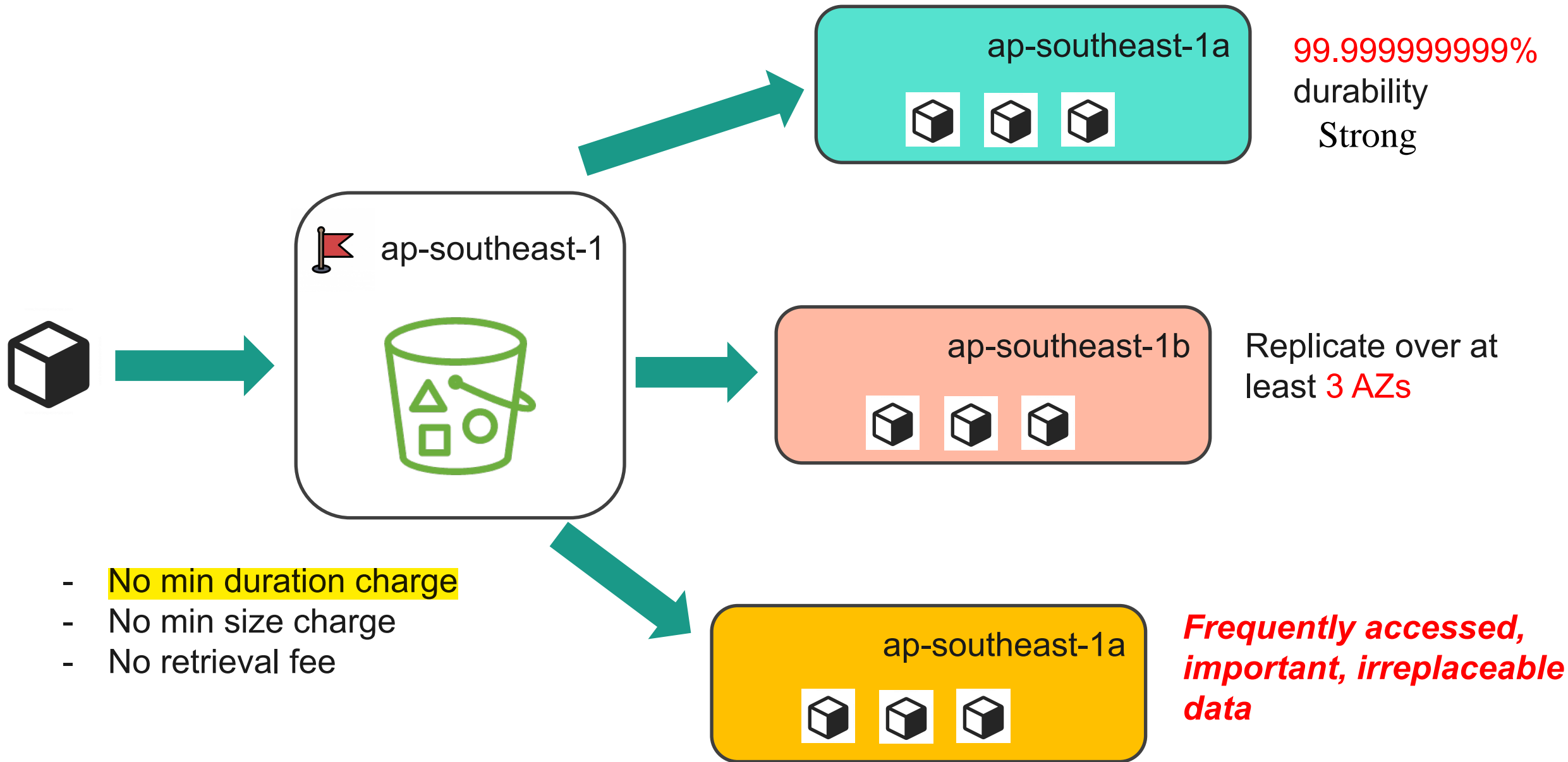
Storage classes

S3 storage classes



- S3 Standard
- S3 Standard - IA
- S3 One Zone - IA
- S3 Intelligent Tiering
- S3 Glacier Instant Retrieval
- S3 Glacier Flexible Retrieval
- S3 Glacier Deep Archive

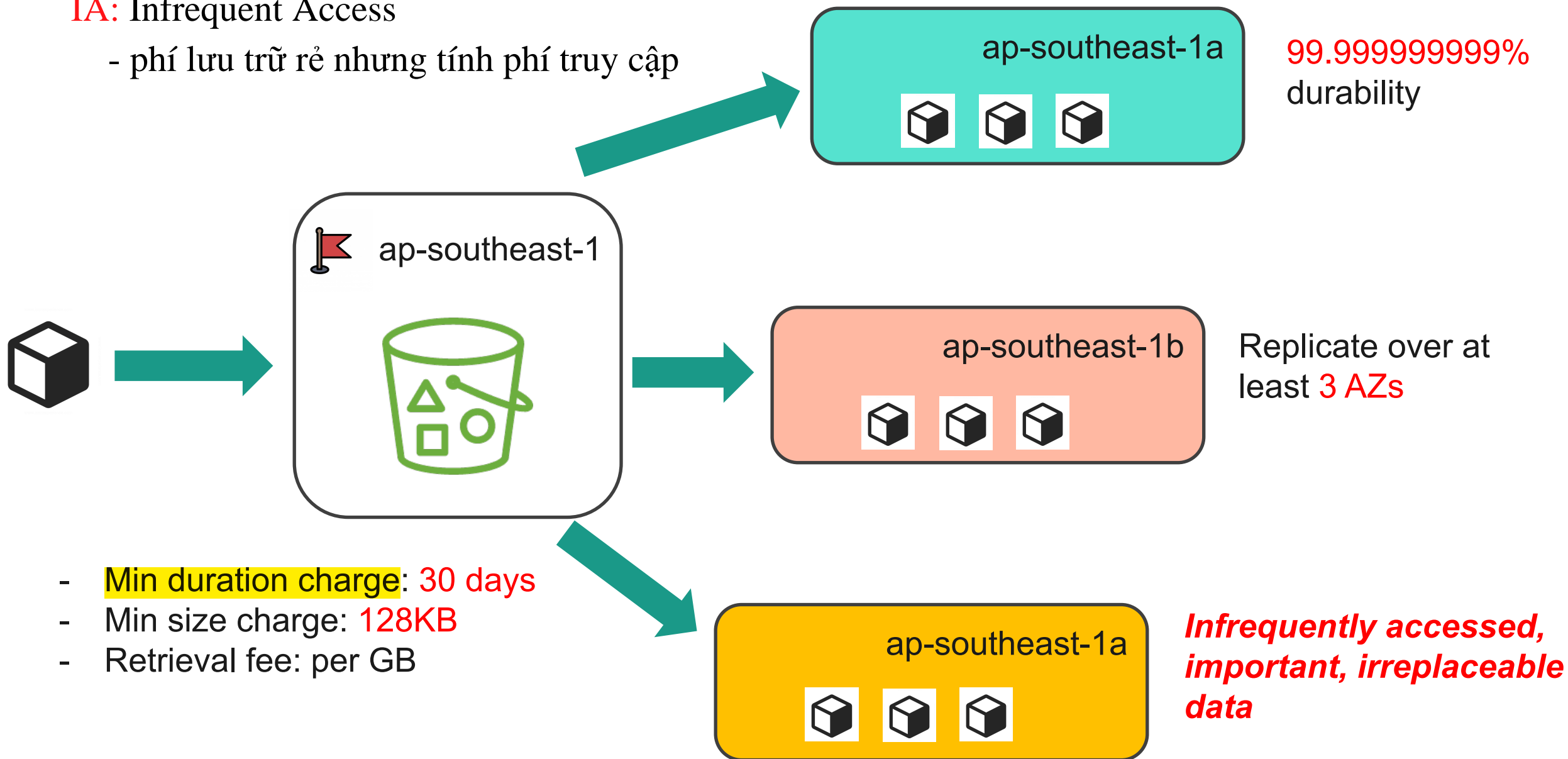
S3 Standard



S3 Standard - IA

IA: Infrequent Access

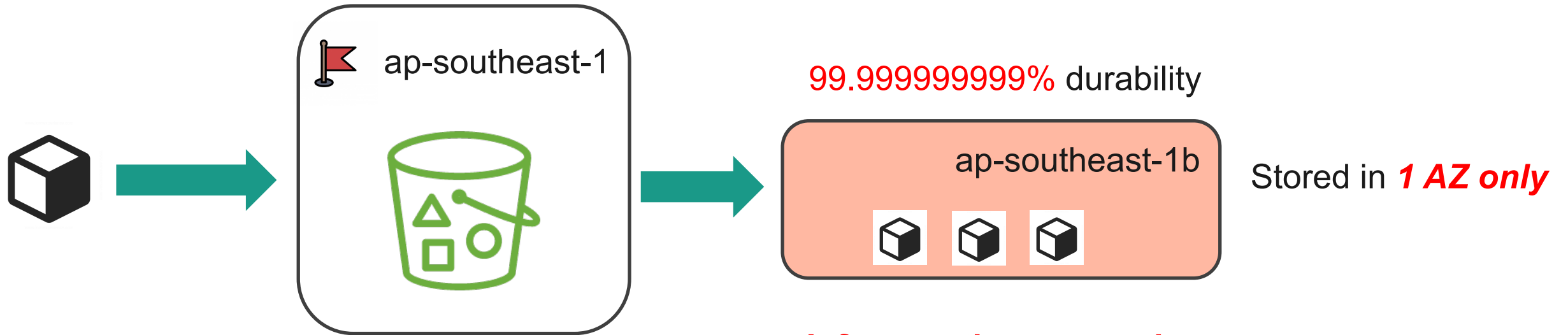
- phí lưu trữ rẻ nhưng tính phí truy cập



- Min duration charge: 30 days
- Min size charge: 128KB
- Retrieval fee: per GB

S3 One Zone - IA

Lưu trữ trên 1 zone thay vì 3 zones

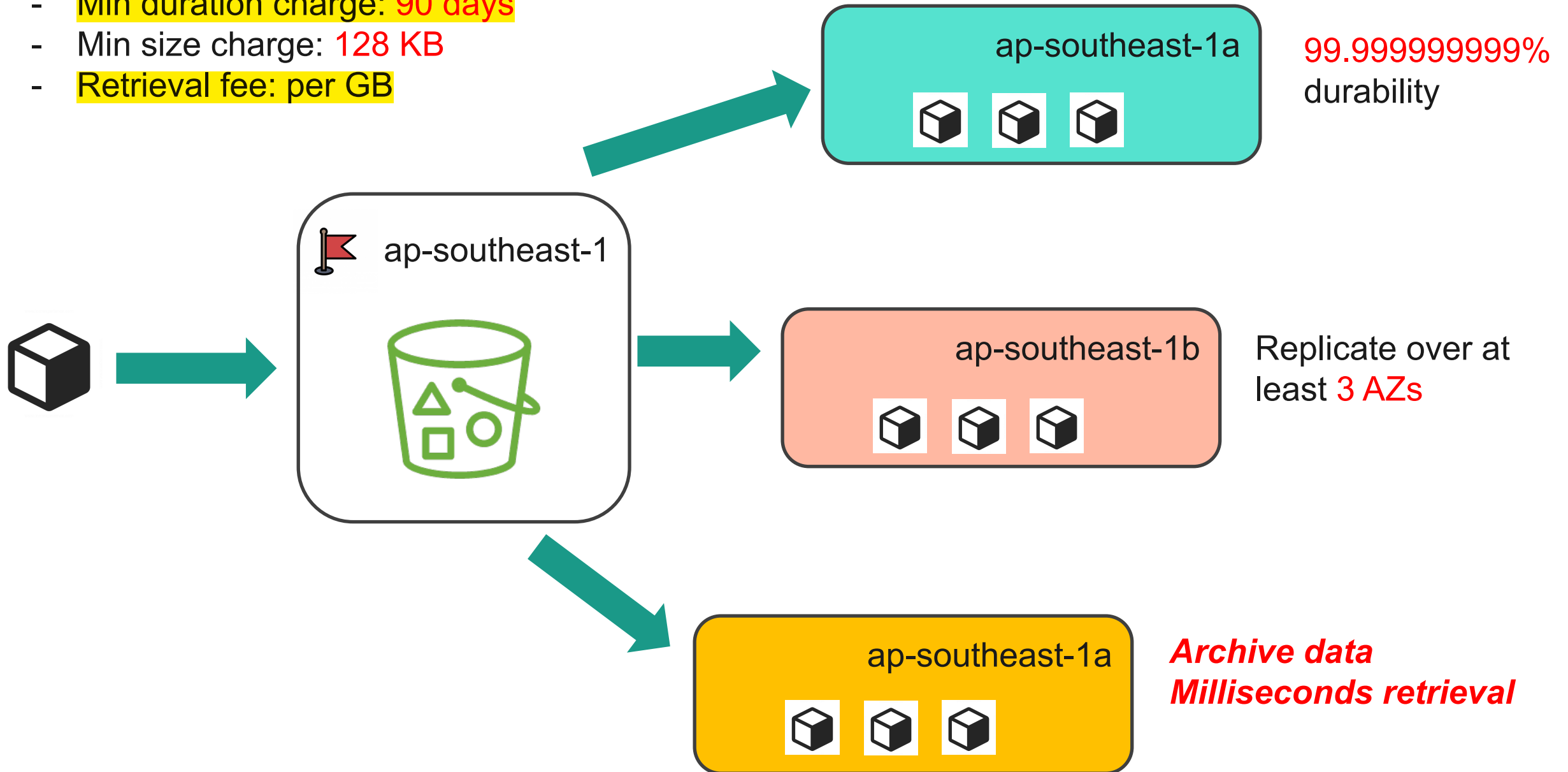


- Min duration charge: 30 days
- Min size charge: 128KB
- Retrieval fee: per GB

***Infrequently accessed,
unimportant, replaceable data***

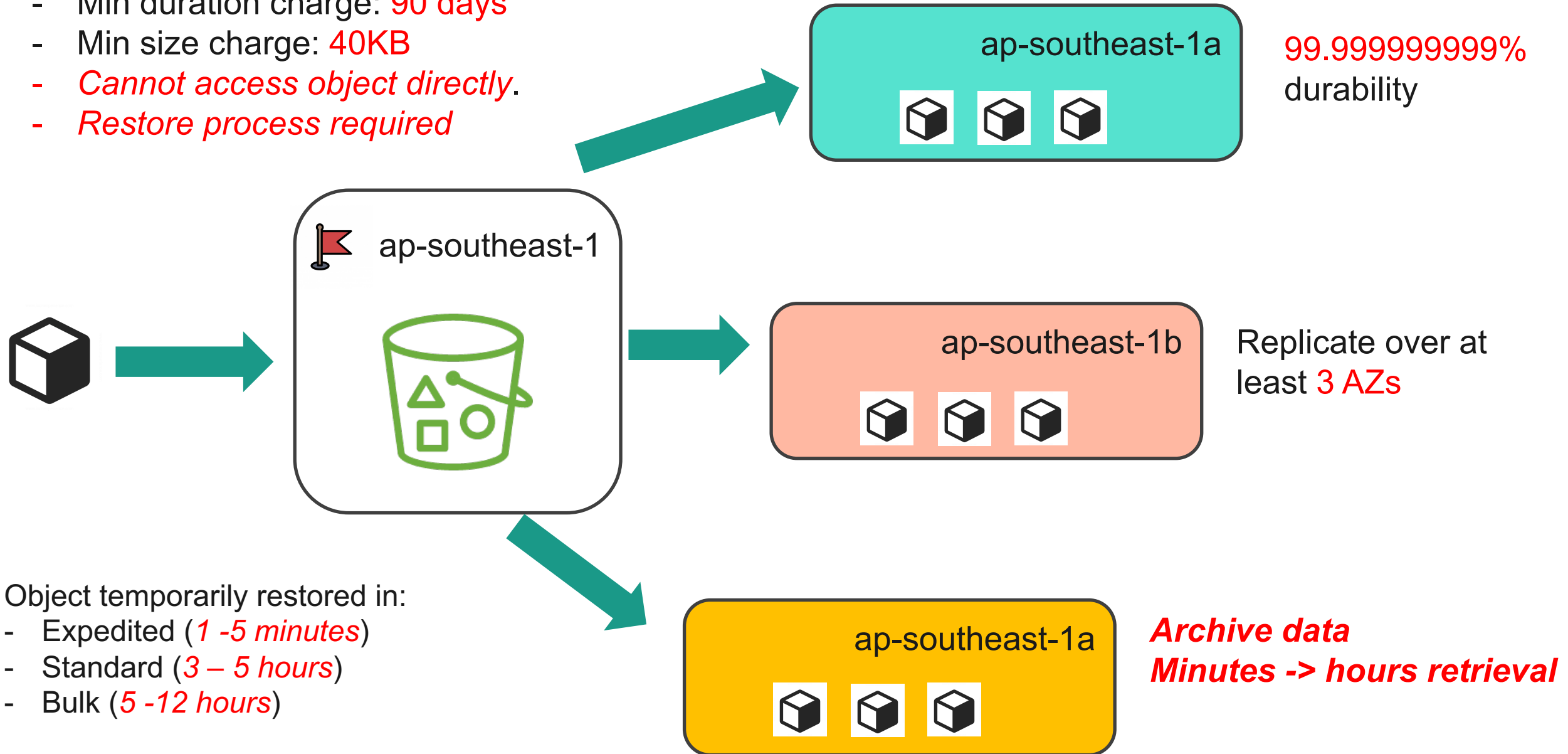
S3 Glacier Instant Retrieval

- Min duration charge: 90 days
- Min size charge: 128 KB
- Retrieval fee: per GB



S3 Glacier Flexible Retrieval

- Min duration charge: **90 days**
- Min size charge: **40KB**
- **Cannot access object directly.**
- **Restore process required**

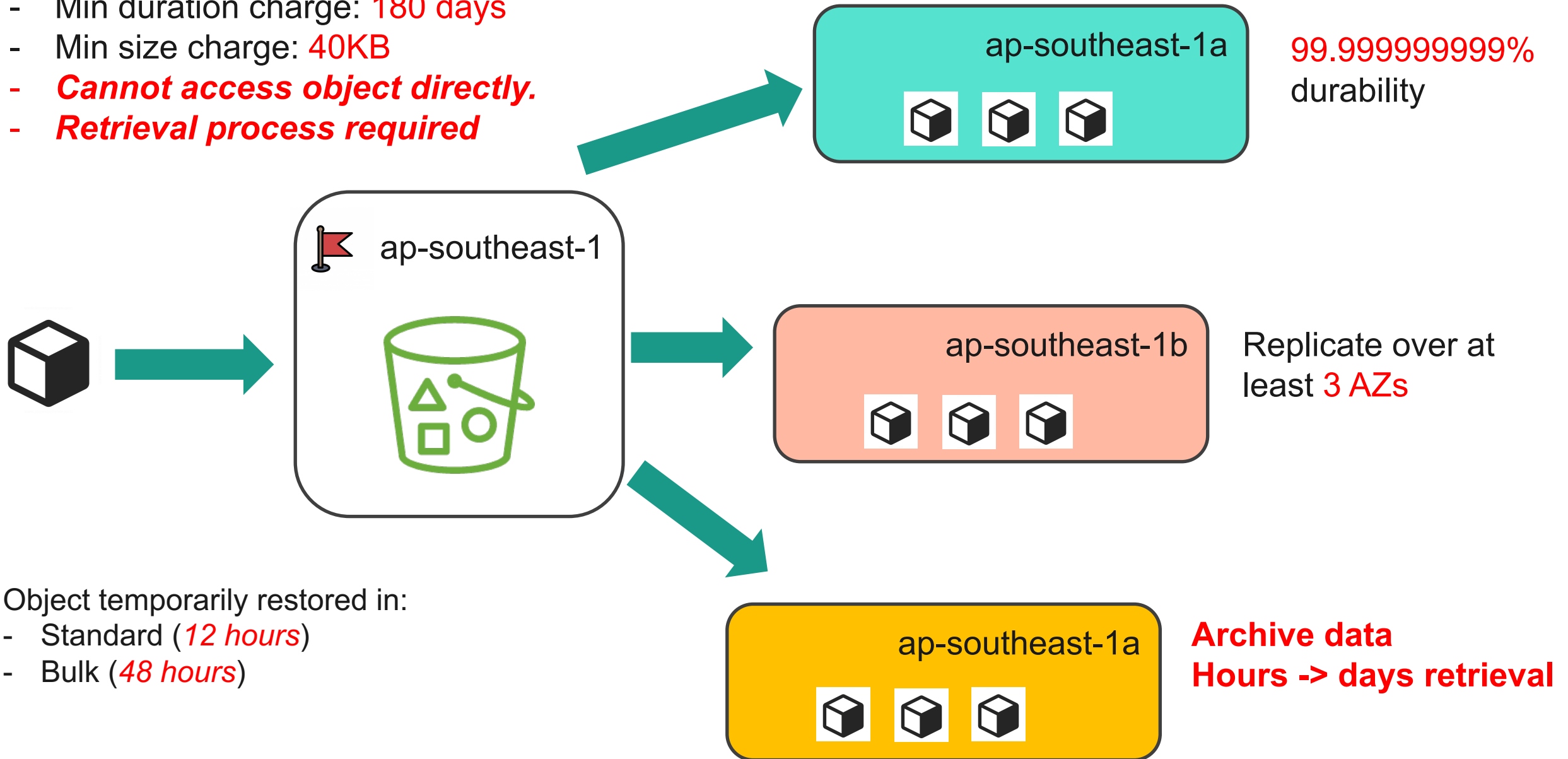


Object temporarily restored in:

- Expedited (**1 -5 minutes**)
- Standard (**3 – 5 hours**)
- Bulk (**5 -12 hours**)

S3 Glacier Deep Archive

- Min duration charge: 180 days
- Min size charge: 40KB
- **Cannot access object directly.**
- **Retrieval process required**



S3 Intelligent Tiering

S3 Intelligent Tiering



- Được sử dụng khi: Unknown access pattern
- Gồm 4 tier ...
- Frequent Access tier \Leftrightarrow Standard class
- Infrequent Access tier \Leftrightarrow Standard-IA class
- Archive tier \Leftrightarrow Glacier Flexible Retrieval class
- Deep Archive tier \Leftrightarrow Glacier Deep Archive class
- S3 Intelligent-Tiering theo dõi và tự động di chuyển object giữa các tier dựa theo tần suất truy cập object