

S3 Intelligent Tracing — monitors  
access pattern of object

S3 Standard — frequently accessed  
data

S3 Standard TA → integrated access  
data  
reduce high memory

Volume Cache → disk cache

It's different from memory  
it has address on the top  
TA allows you to reuse  
most popular ones  
speeds up cache usage

Security pillar

Focuses on protecting information  
by system.

Confidentiality & integrity of data

Managing user permission

controlling controls to decide who sees what.

Reliability pillar

intended for HDS

has to recover quickly from failure

Distributed system design

Recovery planning

adopting change to rec

## Operational excellence pillar

- focus on running & monitoring systems
- Continually improving processes & procedures
- Automating chores, responding to events, defining standards to manage daily operations

## Performance efficiency pillar

- Focus on structured & streamlined allocation of IT & computing resources
- Selecting resource types & sizes optimized for workload, monitoring performance, managing efficient architecture, reuse

## Cost optimization pillar

- Focus on avoiding unnecessary costs.

# ① Basic - 24x7

② Developer — Recommended if you are experimenting (on) testing in AWS

③ Business — ~~B (minimum)~~ Recommended

④ Enterprise — Recommended if you have critical workload in AWS Mission

	Developer (testing)	Business (minimum)	Enterprise initial and
Aws trusted ① Advisor checks	Service Quotas basic security checks	full set of checks	full set of checks
② Enhanced Technical support	email access to Cloud Support Associate	email, phone 24x7, chat access to Cloud Support engineers	24x9, email, chat, phone access to Cloud Support engineers
Concierge support team Technical Account Manager			15 minutes

# AWS & customer Shared Responsibility Model

## Inherited Controls

Controls which a customer fully inherits from AWS.

- 1) Physical &
- 2) environmental Controls

## Shared Controls:

## Cloudfront edge locations

- 1) Patch management
- 2) Configuration management &
- 3) Awareness & training

## Solely the responsibility of customer

## Service & communication portection

## Zone security

## S3 Glacier

S3 Glacier Deep Archive } → for archival data