

S3 Tiering & Usecases

Introduction

This is the list of available S3 clusters in Shopee to support different type of requests.

Each with its own strengths and weaknesses

S3 Storage Classes

Class	Characteristics	Use cases	SL0s	Cluster	Notes
S3 Fast	<ul style="list-style-type: none">Very low latency and very high throughput performanceDedicated network for user accessReference price: \$1.2/GB	Reserved for high demand applications which requires <ul style="list-style-type: none">very low latencyhigh performance		<ul style="list-style-type: none">s3.shopeemobile.com	SSD + NVMe (full Flash)
S3 IA - Infrequent Access	<ul style="list-style-type: none">Normal Access SpeedHigh CapacityNot as fast than S3 Fast but has more capacity and cheaperReference price: \$0.18/GB	<ul style="list-style-type: none">General purpose storage for any type of dataApplication with less demanding requirementsFor storing recent backup dataShort-term archive		<ul style="list-style-type: none">ia.s3.sto.shopee.iosmap.s3.sto.shopee.io	HDD + NVMe (custom request) Server Type: <ul style="list-style-type: none">Min: 3x H4_v2Recommended: 6x H4_v2++
S3 Archive	<ul style="list-style-type: none">Slow Access SpeedVery High CapacityLow-cost design is ideal for long-term archiveIdeal alternative to magnetic tape librariesReference price: \$0.12/GB	<ul style="list-style-type: none">For storing long-term archive (3++ years)		<ul style="list-style-type: none">archive.s3.sto.shopee.io	Use full plain HDDs Server Type: <ul style="list-style-type: none">Min: 3x H4_v2Recommended: 6x H4_v2++
S3 Custom	We provide S3 custom cluster on a case by case basic. May need you to fill in the form here if you need a dedicated cluster for your team: https://jira.shopee.io/servicedesk/customer/portal/4/create/666	Dedicated S3 cluster for custom request		<ul style="list-style-type: none">s3-backend.shopeemobile.comharbor-s3.shopee.iocdn-origin.shopeemobile.comS3 Videoserver (not available yet)	For custom requests Contact us to get a quote
S3 Public /Office	<ul style="list-style-type: none">Same specs as S3 Standard IAAllow Internet access from external partiesReserved for business teams to access file from office and sharing it outside.Users control their data access at their own risk	For sharing data to external parties		Don't have a dedicated cluster yes. Currently using S3 Standard as backend and some dedicated proxies	Should not put any sensitive data here

Reference

[Shopee S3 User Manual & FAQs](#)

[Shopee S3 Special Request Form](#)

<https://aws.amazon.com/vi/s3/pricing/>