

*Reviewed by AccessTest Lab | Test Period: Jul 31 – Aug 4, 2026 (79.5 hours) | 6 Global Probes
Target IP: 65.20.75.162 | ASN: AS20473 (The Constant Company LLC) | Plan: \$6/mo Regular Cloud Compute*

⚡ **Scorecard — Bottom Line: Best Value Vultr Node for Southeast Asian Stores**

Dimension	Score	Key Data
Overall	★★★★★☆☆ 7.0/10	Singapore 112ms / Europe 266ms; avoid for US-facing stores
Buyer Page Speed	★★★★★☆☆ 6.5/10	Excellent for APAC; poor for Americas/Africa
Checkout Reliability	★★★★★☆☆ 8.0/10	CPU steal = 0% across 384 consecutive samples
Peak Traffic Handling	★★★★★☆☆ 6.0/10	1vCPU/1GB is adequate; disk shows declining trend
Real-World Cost	★★★★★☆☆ 7.0/10	\$6/mo + 1TB transfer — enough for ~500K monthly pageviews

Core takeaway: *If you use Vultr Mumbai as a **CDN origin node** behind Cloudflare, with your target buyers in Southeast Asia, Europe, or the Middle East, this \$6/mo machine delivers near-\$20/mo experience. But **do NOT serve US buyers directly** — TTFB degraded from 550ms to 733ms in just 2 days and the trend is worsening.*

[Try Mumbai Risk-Free with \\$100 Free Credit →](#)

Where Are Your Buyers? — Real Page Load Speed From 6 Regions

*The most important metric for cross-border e-commerce isn't CPU benchmarks — it's **how long your customers wait for your store to load**. Google's data shows every 100ms increase in TTFB costs roughly 1% in conversion rate. The data below comes from 6 globally distributed probes making real HTTP requests every 15 minutes. (Local Indian probe excluded — measuring a Mumbai server from Mumbai tells you nothing.)*

Per-Region Buyer Experience (79.5 hours × 6 nodes × 384 checks)

Buyer Location	Avg TTFB	Latency Range	Uptime	E-Commerce Rating
 Singapore / SE Asia	112ms	100–261ms	99.74%	👍 Excellent — conversion-friendly
 Germany / Europe	266ms	256–569ms	99.74%	Good — transparent behind CDN



Buyer Location	Avg TTFB	Latency Range	Uptime	E-Commerce Rating
 China	511ms	215–3,125ms	99.74%	Acceptable — pair with a China CDN node
 South Africa	593ms	540–1,766ms	99.48%	Slow — consider local alternatives for African buyers
 Brazil	666ms	527–9,131ms	98.96%	Poor — South American shoppers will bounce
 United States	733ms	483–9,607ms	98.70%	Very Poor — 5 outages, degrading trend

▲ **Red flag** — **US performance is deteriorating**: Day 2 (Aug 1): US TTFB 550ms Day 3 (Aug 2): US TTFB 647ms Day 4 (Aug 3): US TTFB **733ms** That's **+183ms (+33%) degradation in 48 hours**. If your store targets American consumers, do not use Mumbai.

Market Suitability Matrix

Your Target Market	Use Mumbai?	Better Alternative
SE Asia (SG/MY/TH/VN/ID/PH)	☑ Strongly recommended	—
India / South Asia	☑ Good as origin	Layer Cloudflare Mumbai POP in front
Middle East (KSA/UAE)	Viable, not optimal	LightNode Riyadh
Western Europe (UK/DE/FR)	Workable behind CDN	Linode Frankfurt/Milan
North America (US/CA)	☐ Avoid	Vultr NJ/LA nodes
South America (BR/AR)	☐ Avoid	Vultr São Paulo
Africa	☐ Avoid	Local South African providers

Downtime = Lost Revenue — What Every Minute of Outage Costs You

Let's do the math for a small store doing **\$100/day in revenue**:

Metric	Vultr Mumbai Measured
Composite uptime over 79.5 hours	99.39% (local node excluded)
Total probe-down events	14 (across 6 nodes × 384 rounds)
Monthly downtime equivalent	~264 minutes (4.4 hours)
Lost revenue for a \$100/day store	~\$18.30/month
Worst-performing direction (US)	Standalone uptime only 98.70% — 5 outages



Outage Details

Time (UTC)	Scope	Duration	E-Commerce Impact
Jul 31 10:34	All 6 nodes down	15 min	Instance just provisioned — wait 5–10 min before DNS cutover
Jul 31 – Aug 4	US probe, 5 events	15 min each	American shoppers may timeout at checkout
Jul 31 – Aug 4	Brazil probe, 4 events	15 min each	South American buyers affected

***Recommendation:** Always put Cloudflare (free CDN) in front of your Mumbai origin. When the origin drops, Cloudflare serves cached pages — downgrading "outage" to "static content still loads."*

CDN Origin Deep Dive — If You're Using Cloudflare

Most independent stores use Cloudflare's free CDN. The CDN has edge nodes worldwide, but your origin server sits in Mumbai. When a CDN cache miss occurs, the origin must respond — this **origin fetch latency** directly impacts every dynamic page: cart, checkout, login.

CDN Scenario	Origin TTFB	Buyer Impact
SE Asian buyer → Cloudflare SIN → Mumbai origin	112ms	☐ Dynamic pages feel near-instant
European buyer → Cloudflare FRA → Mumbai origin	266ms	Login/checkout adds ~0.3s, acceptable
US buyer → Cloudflare LAX → Mumbai origin	733ms	Cart loading noticeably sluggish
Chinese buyer → Cloudflare HKG → Mumbai origin	511ms	Add a China CDN node to improve

☐ ***If your store uses Cloudflare and your buyers are mainly in Asia:** Mumbai is the most cost-effective origin node available. 112ms origin fetch from Singapore means even cache-miss pages feel instant.*

Can It Handle Flash Sales? — CPU & Disk Deep Dive

CPU: 4.5 Days of Continuous Monitoring, Zero Issues

Metric	Measured	E-Commerce Meaning
CPU steal (neighbor interference)	0% (384/384 samples)	Black Friday traffic surge won't slow you down
sysbench single-core (events/sec)	1,127 avg (min 1,092)	WooCommerce product page rendering is effortless
Variance	±2.7% (1,092–1,154)	Exceptionally consistent — no random slowdowns



▮ This is a **huge plus for e-commerce**. Many \$3–5/mo budget VPS providers see CPU steal spike to 10–20%, meaning your store randomly slows down even when you're doing nothing — catastrophic during sales events. Vultr Mumbai **does not have this problem**.

Disk: A Warning Worth Noting

Date	Random Read IOPS	Sequential Read (MB/s)	Trend
Jul 31	6,152	955	Baseline
Aug 1	6,090	826	Degrading
Aug 2	6,096	795	Continuing
Aug 3	5,976	760	–20% in 4 days

⚠️ **The drive is labeled HDD but behaves like SSD-cache + HDD hybrid.** Cache hit rates decline over sustained use, causing sequential read performance to drop 20% in 4 days.

E-commerce impact: If you host product images directly on this server (no CDN), image load speed will degrade over time. **Put images on CDN/S3, use a managed database**, and let this machine handle only the application layer (PHP/Node.js).

Real Costs: How Many Orders Can \$6/mo Handle?

Bandwidth Economics

Item	Estimate	Notes
Vultr plan bandwidth	1 TB/month outbound	\$0.01/GB overage
Average store pageview (with images)	~2 MB	Product page + 3–5 images
Pageviews 1TB can support	~500K PV/month	Enough for ~16K daily PV
At 2% conversion rate	~10,000 orders/month	Far beyond what a \$6 server should handle
Small store doing 100 orders/day	~10 GB/month	Uses only 1% of quota

▮ For the vast majority of independent stores, **bandwidth is not the bottleneck**. However, if your store gets DDoS'd (1 Gbps sustained = ~330 TB/month), the overage bill will hurt. Enable Vultr's Firewall or use Cloudflare.

Hidden Costs

Item	Cost	Notes
Snapshot backup	\$0.05/GB/month	25GB disk ≈ \$1.25/month
Additional IP	\$2/month each	Usually unnecessary
DDoS protection	Free (basic)	Upgrade to Cloudflare for advanced protection



Realistic monthly cost $\approx \$6 + \$1.25 = \$7.25/\text{month}$ (including snapshots). New users get \$100 credit — enough for 14 months of free hosting.

[Deploy Mumbai with \\$100 Free Credit →](#)

▣ Who Should Use It / ▣ Who Shouldn't

▣ Use Vultr Mumbai if you:

- Run a **Southeast Asian DTC brand or independent store** — 112ms TTFB from Singapore means product pages load instantly for your target buyers
- Sell to **Indian or Middle Eastern consumers** — 1.4 billion Indian consumers represent the next growth frontier, and Mumbai has natural geographic advantage
- Run **WooCommerce / Magento on a budget** — zero CPU steal means checkout never randomly hangs
- **Already use Cloudflare CDN** — Mumbai as origin performs excellently for Asian and European CDN fetch
- Are a **bootstrapped founder testing the waters** — \$100 credit covers 14 months
- **Pay with Alipay** — Vultr accepts it, no credit card needed
- Run **dropshipping product test stores** — \$6/mo is disposable; destroy the instance when the test is done

▣ Skip Vultr Mumbai if you:

- Sell primarily to **US/Canadian consumers** — US TTFB at 733ms and degrading means conversion will suffer measurably
- Run **database-heavy workloads** (heavy MySQL/PostgreSQL queries) — IOPS declined 3% in 4 days; this isn't a database server
- **Don't plan to use a CDN** — bare-metal exposure to global users yields poor experience from Brazil, Africa, and China
- Need **99.9%+ enterprise SLA** — measured 99.39% means ~4.4 hours of monthly downtime
- Require **custom kernels or WireGuard** — the underlying hypervisor is Hyper-V, not KVM
- Already run a **high-traffic established brand** (500K+ monthly PV) — 1 vCPU will struggle; upgrade to the \$12 or \$24 plan

Testing Methodology

Item	Detail
Test period	Jul 31, 2026 10:34 UTC – Aug 4, 2026 09:16 UTC (79.5 hours total)
External monitoring	HTTP GET + TCP handshake + TTFB, every 15 min × 6 external nodes (Singapore, Germany, China, South Africa, US, Brazil). Local Indian node excluded from all scoring.



Item	Detail
CPU monitoring	vmstat CPU steal, continuous 15-min sampling, 384 data points
CPU benchmark	sysbench cpu run, single-core events/sec, once daily
Disk benchmark	fio random read + sequential read, once daily
Cost disclosure	The Vultr instance used for this review was funded by the new-user \$100 credit. No sponsorship was received from Vultr.
Affiliate notice	Vultr links in this review use affiliate code ?ref=9915612-9J . AccessTest Lab may earn a commission if you sign up and spend through these links — this does not influence our data or conclusions.

Test Your Own VPS — Don't Guess, Measure

You can ping your server a thousand times from your laptop. That tells you one thing: latency from *your network* to *your server*. How fast does your store load for a buyer in Berlin? São Paulo? Johannesburg? **You don't know.**

AccessTest Lab uses 7 global nodes to probe your VPS with real HTTP requests every 15 minutes — exactly what your buyers see.

[Go to accesstest.net — drop in an IP, come back in 48 hours →](#)

No credit card. No signup. Beats guessing by a mile.

