VNETWORK
safe and saved

WE ARE A PROFESSIONAL IT COMPANY
"We Bring Safe and Saved IT Solutions & Services"

VNCDN of **VNETWORK** is one of the largest CDN systems in **South East Asia**

Our system has got over **220 PoPs** spread over **22 countries** worldwide

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*"**Constantly upgrade system for the best customers' experience**"*

■ Load more than **3,000,000 CCU** at the same time.

■ Total domestic transmission data per month is more than **180PB.**

■ Domestic bandwidth is more than **3Tbps**

■ The system meets **6 billions of requests** at a time.

■ Support multiple video formats & be compatible with all formats, devices.

■ Track performance through **Advanced Analytics.**

VNCDN *system is standardized with advanced servers as the following parameters:*

➢ **DELL R740XD**

- Swift Delivery Appliance (DA)
- PowerEdge R740XD XL Chassis
- Dual Intel Xeon Silver 4214 2.2G
- 2x600GB SAS 2.5" Hot-plug Hard Drive
- 24x1.8TB 2.5" Hot-plug Hard Drive
- 16x16GB RAM- 1xIntel QP 1Gb

- Network Daughter Card
- 2xIntel QP 10Gb Direct attach, SFP+-
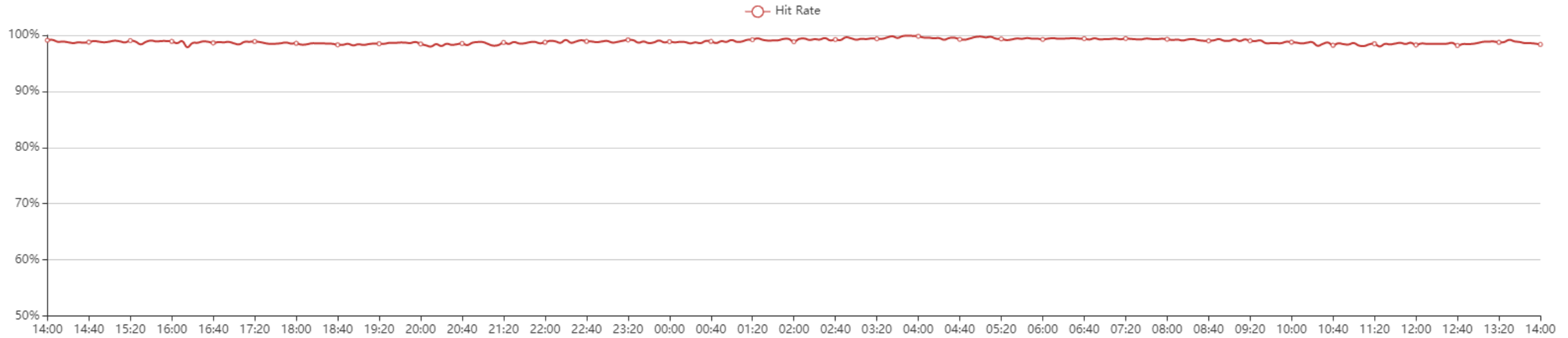- 4xIntel SR Transceiver
- CentOS

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Located at the Datacenters:

➤ VNPT Hanoi and Ho Chi Minh City

➤ FPT Hanoi and và Ho Chi Minh City

➤ VIETTEL Hanoi, Ho Chi Minh City and Binh Duong

➤ CMC Hanoi, Ho Chi Minh City

➤ Mobifone Ho Chi Minh City

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[CDN] Cache

MISS (3.13%)

HIT (96.87%)

● HIT ● MISS

[CDN] City

Other (25.39%)

Thai Nguyen (1.29%)

Da Nang (3.97%)

Hanoi (38.32%)

Ho Chi Minh City (29.57%)

[CDN] ISP

FPT Telecom Company (5.81%)

Vietnam Posts And Telecommunications Group (8.64%)

Viettel Group (80.46%)

[CDN] Device

iPad (2.01%)

Generic Smartphone (29.46%)

Other (37.39%)

iPhone (29.99%)

[CDN] OS

Other (5.74%)

Windows (25.71%)

Android (39.87%)

iOS (27.94%)

[CDN] Browser

Other (10.69%)

Coc Coc (14.5%)

Chrome Mobile (34.75%)

Mobile Safari (19.04%)

Chrome (21.03%)

[CDN] Client IP

Client IP	Count
	50,966
	17,705
	17,021
	9,727
	6,686
	4,054
	3,869
	3,792

[CDN] DA IP

DA IP	Count	Count percentages
	8,835,764	57.8%
	4,474,981	29.3%
	422,984	2.8%
	387,135	2.5%
	214,441	1.4%
	212,728	1.4%
	209,585	1.4%
	180,565	1.2%

[CDN] Country

Country	Count	Count percentages
Vietnam	16,415,364	98.5%
United States	114,065	0.7%
Japan	15,282	0.1%
Taiwan	10,421	0.1%
Singapore	9,732	0.1%
Australia	9,494	0.1%
Germany	8,733	0.1%
South Korea	8,501	0.1%

[CDN] Domain

Domain	Count
	11,023,436
	1,284,363
	697,836
	684,237
	529,238
	502,939
	453,235
	396,197

VNCDN - ADVANCED ANALYTICS

[CDN] Client IP

Client IP	Count
	50,966
	17,705
	17,021
	9,727
	6,686
	4,054
	3,869
	3,792
	3,250
	3,114

Export: Raw ⬇ Formatted ⬇

[CDN] DA IP

DA IP	Count	Count percentages
	8,835,764	57.8%
	4,474,981	29.3%
	422,984	2.8%
	387,135	2.5%
	214,441	1.4%
	212,728	1.4%
	209,585	1.4%
	180,565	1.2%
	176,502	1.2%
	172,242	1.1%

Export: Raw ⬇ Formatted ⬇

[CDN] Country

Country	Count	Count percentages
Vietnam	16,415,364	98.5%
United States	114,065	0.7%
Japan	15,282	0.1%
Taiwan	10,421	0.1%
Singapore	9,732	0.1%
Australia	9,494	0.1%
Germany	8,733	0.1%
South Korea	8,501	0.1%
Canada	8,059	0%
Other	59,725	0.4%

Export: Raw ⬇ Formatted ⬇

[CDN] Domain

Domain	Count
	11,023,436
	1,284,363
	697,836
	684,237
	529,238
	502,939
	453,235
	396,197
	305,954
	303,093

Export: Raw ⬇ Formatted ⬇

[CDN] Referrer

Referrer	Count
	2,413,992
	2,183,118
	259,834
	221,781
oi-gian-bo-ve-som-cai-ket-bat-ngo-ong-trum-juventus-ra-tay-c48a1099409.html	206,686
	164,961
	152,356
olero-noi-tieng-sau-1-dem-gio-ra-sao-c731a1099404.html	149,808
	148,470
khoanh-khac-do-mat-vi-mac-do-qua-goi-cam-cua-cac-sao-nu-han-quoc-c762a1099260.html	135,413

Export: Raw ⬇ Formatted ⬇

[CDN] Request url

Request url	Count
ry.min.js?v=201911123	74,246
ojs-ie8.min.js?v=201911123	70,659
rce/notify.svg	66,808
v1/containers/file2/cms_thumbnails/xm_nhongnhong-77f6a0d878ad-1557910385606-ol5XwDEF.png?	65,999
v1/containers/file2/cms_thumbnails/xm_lmtw-1c4ccdd83ebc-1557992931592-bLF4yBMB.png?v=0&maxW=1280	65,876
v1/containers/file2/cms_thumbnails/xm_king-44af4df550fd-1557992931791-8zgQgfLY.png?v=0&maxW=1280	65,747
v1/containers/file2/cms_thumbnails/xm_bcdc-de8edea84ecd-1557910380657-GhDPuMLb.png?v=0&maxW=1280	65,617
s/sprites092018.png	61,953
s/icoDrop.png	60,234
2019/images/2019-11-12/large//sao-eva1-1573575475-306-width640height480.jpg	59,813

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Monitor latency
Ensure the performance of the CDN system

VNCDN – MONITORING SYSTEM

Analytics system

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THANK YOU