

# Cloudflare has a problem, a series of large websites are not accessible

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Specifically, about 20h45 on 02/07/2019, a series of large websites like Apkpure.com, y8.com could not be accessed, the gamers also said they could not play the game LOL. Even some websites are often used to check whether other web services are offline or not, such as Down Detector and Down For Everyone Or Just Me are inaccessible.

When TipsMake.com finds out, it detects that the homepage and the services of Cloudflare are in trouble, causing related sites to experience 502 Bad Gateway error.



17% 21:11



<https://cloudflare.com>



502 Bad Gateway

cloudflare

# Quantrimang.com

Matthew Prince, co-founder and CEO of Cloudflare, wrote on Twitter that he knew the incident Cloudflare greatly affected networks and websites. A long list of affected cities has also been listed, including Hanoi and Ho Chi Minh City. HCM City of Vietnam.

This incident affected: Europe (Amsterdam, Netherlands - (AMS), Athens, Greece - (ATH), Barcelona, Spain - (BCN), Belgrade, Serbia - (BEG), Berlin, Germany - (TXL), Brussels, Belgium - (BRU), Bucharest, Romania - (OTP), Budapest, Hungary - (BUD), Chişinău, Moldova - (KIV), Copenhagen, Denmark - (CPH), Dublin, Ireland - (DUB), Düsseldorf, Germany - (DUS), Edinburgh, United Kingdom - (EDI), Frankfurt, Germany - (FRA), Geneva, Switzerland - (GVA), Gothenburg, Sweden - (GOT), Hamburg, Germany - (HAM), Helsinki, Finland - (HEL), Istanbul, Turkey - (IST), Kyiv, Ukraine - (KBP), Lisbon, Portugal - (LIS), London, United Kingdom - (LHR), Luxembourg City, Luxembourg - (LUX), Madrid, Spain - (MAD), Manchester, United Kingdom - (MAN), Marseille, France - (MRS), Milan, Italy - (MXP), Moscow, Russia - (DME), Munich, Germany - (MUC), Nicosia, Cyprus - (LCA), Oslo, Norway - (OSL), Paris, France - (CDG), Prague, Czech Republic - (PRG), Reykjavik, Iceland - (KEF), Riga, Latvia - (RIX), Rome, Italy - (FCO), Saint Petersburg, Russia - (LED), Sofia, Bulgaria - (SOF), Stockholm, Sweden - (ARN), Tallinn, Estonia - (TLL), Thessaloniki, Greece - (SKG), Vienna, Austria - (VIE), Vilnius, Lithuania - (VNO), Warsaw, Poland - (WAW), Zagreb, Croatia - (ZAG), Zürich, Switzerland - (ZRH)). Middle East (Amman, Jordan - (AMM), Baghdad, Iraq - (BGW), Baku, Azerbaijan - (GYD), Beirut, Lebanon - (BEY), Doha, Qatar - (DOH), Dubai, United Arab Emirates - (DXB), Kuwait City, Kuwait - (KWI), Manama, Bahrain - (BAH), Muscat, Oman - (MCT), Ramallah - (ZDM), Riyadh, Saudi Arabia - (RUH), Tel Aviv, Israel - (TLV)), North America (Ashburn, VA, United States - (IAD), Atlanta, GA, United States - (ATL), Boston, MA, United States - (BOS), Buffalo, NY, United States - (BUF), Calgary, AB, Canada - (YYC), Charlotte, NC, United States - (CLT), Chicago, IL, United States - (ORD), Columbus, OH, United States - (CMH), Dallas, TX, United States - (DFW), Denver, CO, United States - (DEN), Detroit, MI, United States - (DTW), Houston, TX, United States - (IAH), Indianapolis, IN, United States - (IND), Jacksonville, FL, United States - (JAX), Kansas City, MO, United States - (MCI), Las Vegas, NV, United States - (LAS), Los Angeles, CA, United States - (LAX), McAllen, TX, United States - (MFE), Memphis, TN, United States - (MEM), Miami, FL, United States - (MIA), Minneapolis, MN, United States - (MSP), Montgomery, AL, United States - (MGM), Montréal, QC, Canada - (YUL), Nashville, TN, United States - (BNA), Newark, NJ, United States - (EWR), Norfolk, VA, United States - (ORF), Omaha, NE, United States - (OMA), Phoenix, AZ, United States - (PHX), Pittsburgh, PA, United States - (PIT), Portland, OR, United States - (PDX), Queretaro, MX, Mexico - (QRO), Richmond, Virginia - (RIC), Sacramento, CA, United States - (SMF), Salt Lake City, UT, United States - (SLC), San Diego, CA, United States - (SAN), San Jose, CA, United States - (SJC), Saskatoon, SK, Canada - (YXE), Seattle, WA, United States - (SEA), St. Louis, MO, United States - (STL), Tampa, FL, United States - (TPA), Toronto, ON, Canada - (YYZ), Vancouver, BC, Canada - (YVR), Tallahassee, FL, United States - (TLH), Winnipeg, MB, Canada - (YWG)), Oceania (Auckland, New Zealand - (AKL), Brisbane, QLD, Australia - (BNE), Melbourne, VIC, Australia - (MEL), Perth, WA, Australia - (PER), Sydney, NSW, Australia - (SYD)), Asia (Bangkok, Thailand - (BKK), Cebu, Philippines - (CEB), Chengdu, China - (CTU), Chennai, India - (MAA), Colombo, Sri Lanka - (CMB), Dongguan, China - (SZX), Foshan, China - (FUO), Fuzhou, China - (FOC), Guangzhou, China - (CAN), Hangzhou, China - (HGH), Hanoi, Vietnam - (HAN), Hengyang, China - (HNY), Ho Chi Minh City, Vietnam - (SGN), Hong Kong - (HKG), Hyderabad, India - (HYD), Islamabad, Pakistan - (ISB), Jinan, China - (TNA), Karachi, Pakistan - (KHI), Kathmandu, Nepal - (KTM), Kuala Lumpur, Malaysia - (KUL), Lahore, Pakistan - (LHE), Langfang, China - (NAY), Luoyang, China - (LYA), Macau - (MFM), Manila, Philippines - (MNL), Mumbai, India - (BOM), Nanning, China - (NNG), New Delhi, India - (DEL), Osaka, Japan - (KIX), Phnom Penh, Cambodia - (PNH), Qingdao, China - (TAO), Seoul, South Korea - (ICN), Shanghai, China - (SHA), Shenyang, China - (SHE), Shijiazhuang, China - (SJW), Singapore, Singapore - (SIN), Suzhou, China - (SZV), Taipei - (TPE), Tianjin, China - (TSN), Tokyo, Japan - (NRT), Ulaanbaatar, Mongolia - (ULN), Wuhan, China - (WUH), Wuxi, China - (WUX), Xi'an, China - (XIY), Yerevan, Armenia - (EVN), Zhengzhou, China - (CGO), Zuzhou, China - (CSX)), Africa (Cairo, Egypt - (CAI), Casablanca, Morocco - (CMN), Cape Town, South Africa - (CPT), Dar Es Salaam, Tanzania - (DAR), Djibouti City, Djibouti - (JIB), Durban, South Africa - (DUR), Johannesburg, South Africa - (JNB), Lagos, Nigeria - (LOS), Luanda, Angola - (LAD), Maputo, MZ - (MPM), Mombasa, Kenya - (MBA), Port Louis, Mauritius - (MRU), Réunion, France - (RUN), Kigali, Rwanda - (KGL)), and Latin America & the Caribbean (Asunción, Paraguay - (ASU), Bogotá, Colombia - (BOG), Buenos Aires, Argentina - (EZE), Curitiba, Brazil - (CWB), Fortaleza, Brazil - (FOR), Lima, Peru - (LIM), Medellín, Colombia - (MDE), Mexico City, Mexico - (MEX), Panama City, Panama - (PTY), Porto Alegre, Brazil - (POA), Quito, Ecuador - (UIO), Rio de Janeiro, Brazil - (GIG), São Paulo, Brazil - (GRU), Santiago, Chile - (SCL), Willemstad, Curaçao - (CUR)).

502 Bad Gateway is an HTTP status code that indicates a server-side error. When this error occurs, the user can only wait for the server side of the web service to fix the error and there is no way to interfere with the error correction process.

However, Cloudflare has fixed the problem very quickly, until 21h15, the Cloudflare home page and the trouble sites can be accessed normally.

According to Wikipedia: "Cloudflare, Inc. is a US company that provides content distribution networks, Internet security services, and domain server distribution services, standing between visitors and saved service providers. Cloudflare users store, acting as a reverse proxy for websites ".

Content delivery network services like Cloudflare are designed to provide high availability for websites, by ensuring that there are always a number of servers hosting them and responding to visitor requests. When the service has problems, it will affect every website that uses it.

In addition to the above websites, Discord messaging platform is also among the affected Cloudflare clients, along with a number of electronic money trading platforms. Coindesk e-news news site said that Cloudflare had trouble causing the price data of Bitcoin they received to display incorrectly, \$ 26 instead of \$ 10,300.

**Update:** Matthew Prince said the cause of the incident was due to CPU overload that caused major systems and backup systems to crash, affecting all services.

The post on Cloudflare's blog said the sudden increase in CPU usage was due to the deployment of bad software. After revoking this bad software, all services have returned to normal operation and all Cloudflare domains are restored.

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