



**NATIONAL TELECOMMUNICATIONS REGULATORY
COMMISSION
(NTRC) GRENADA**

Grenada's Digital sovereignty

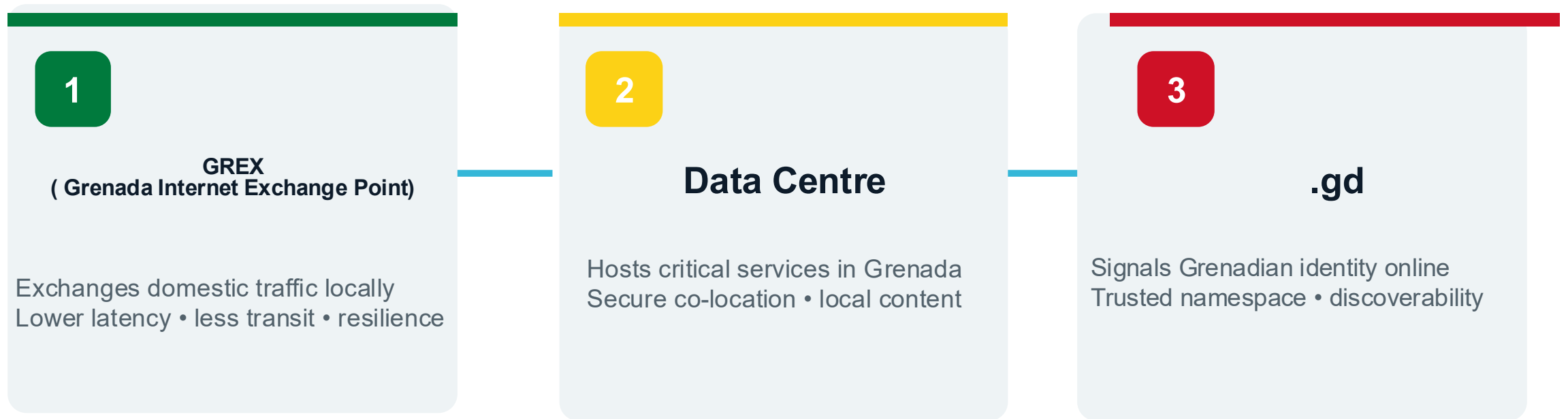
GREX • National Data Centre • .gd country-code
domain

**Keep traffic, services and national identity closer
to home.**



Three assets create one reinforcing national system

The value combines when identity, hosting and traffic exchange are managed by the
National Telecommunications Regulatory Commission (NTRC)



National outcome: faster services, stronger continuity and more local digital value

GREX – Grenada Internet Exchange Point

A coordinated sequence of policy, technical preparation and stakeholder action brought the exchange online.



Why it matters

November 2012, Grenada had an operational exchange in a neutral facility, plus local DNS root-server capability.

GREX builds a national resilience community

A neutral exchange creates shared value without changing who owns each network.



Current participants named in the source include Cable & Wireless, Columbus, Digicel, AisleCom, Grenada Co-operative Bank, Government, Cloudflare, Akamai, CDN77, PCH DNS and CentralNic DNS Anycast.

GREX provides meaningful national-scale capacity

The exchange combines high-capacity infrastructure with a growing peering community.

100 Gbps

Core switching capacity

100 Gbps

Integrated CDN capacity

25 Gbps

Recorded peak traffic
exchange

28

Peering sessions across 14
active peers

< 3 ms

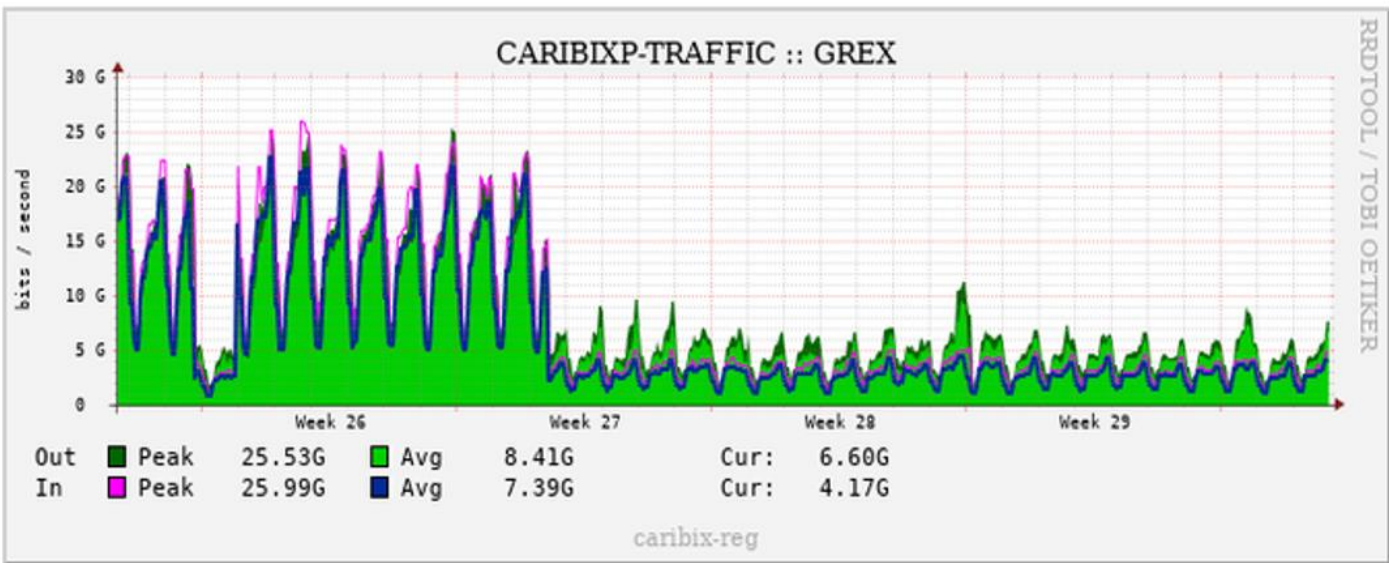
reported B2B / FTTX latency

Local routing means Grenadian traffic no longer needs to leave the island simply to reach another local network.

Note: the source's monthly traffic unit is ambiguous ("39,184 TB/PB"), so it is not charted.

GREX traffic peaked near 26 Gbps

Substantial two-way traffic is demonstrated below .



Observed direction: green = outbound; magenta/blue = inbound.

25.99 Gbps

Peak inbound
25.53 Gbps peak outbound

Average traffic

8.41 Gbps outbound
7.39 Gbps inbound

National Data Centre

A secure local hosting environment strengthens service continuity and connects digital services directly to GREX.



Secure hosting

Carrier-neutral co-location for critical digital services

Local continuity

Direct GREX access keeps locally hosted services and domestic traffic closer to home.

The Data Centre anchors local service continuity

Co-location beside the exchange creates a practical path from local hosting to national resilience.



The Opportunity

Move high-value .gd services and digital public services into the national data centre, then measure how much traffic remains on-island.

.gd – Grenada Domain Name combines national identity with global infrastructure

NTRC is the ccTLD manager; CentralNic provides technical registry and DNS infrastructure.



4,013

Registered .gd domains
reported by Internet Society
Pulse (2026)



3%

Domains under .gd reported as
Domain Name System Security
Extensions (DNSSEC) -
protected



1992

Initial IANA delegation of the
.gd country-code domain

CentralNic Role

CentralNic is listed by IANA as the technical contact and operates the .gd Registration Data Access Protocol (RDAP) service; CentralNic also lists .gd among the ccTLDs supported on its registry platform.

The .gd domain moved into Grenadian regulatory oversight

Delegated in 1992, redelegated in 2006, and now operated through NTRC, Nic.GD/KSregistry and CentralNic.

Date / period	Milestone
3 Jun 1992	IANA first delegated .gd. Registration have been handled through the University of Puerto Rico.
May 2000	Grenada's government requested transfer to the government, with registry support from AdamsNames.
Dec 2005	The Government recommend the National Telecommunications Regulatory Commission (NTRC) as the manager.
18 Jul 2006	ICANN approved the redelegation.
24 Jul 2006	IANA formally recommended transferring .gd to the NTRC; AdamsNames was expected to provide day-to-day registry operations.
2013	After a dispute involving AdamsNames and Meridian Ltd., the NTRC moved operations to KSregistry, trading as Nic.GD. Registrations paused while records were reconciled, then reopened under new policies.
Present	The NTRC remains the official manager. Nic.GD/KSregistry operates the registry, while CentralNic provides WHOIS/RDAP and DNS infrastructure. IANA's delegation record was last updated on 7 Apr 2025.

NTRC governs .gd; specialist partners operate it

11

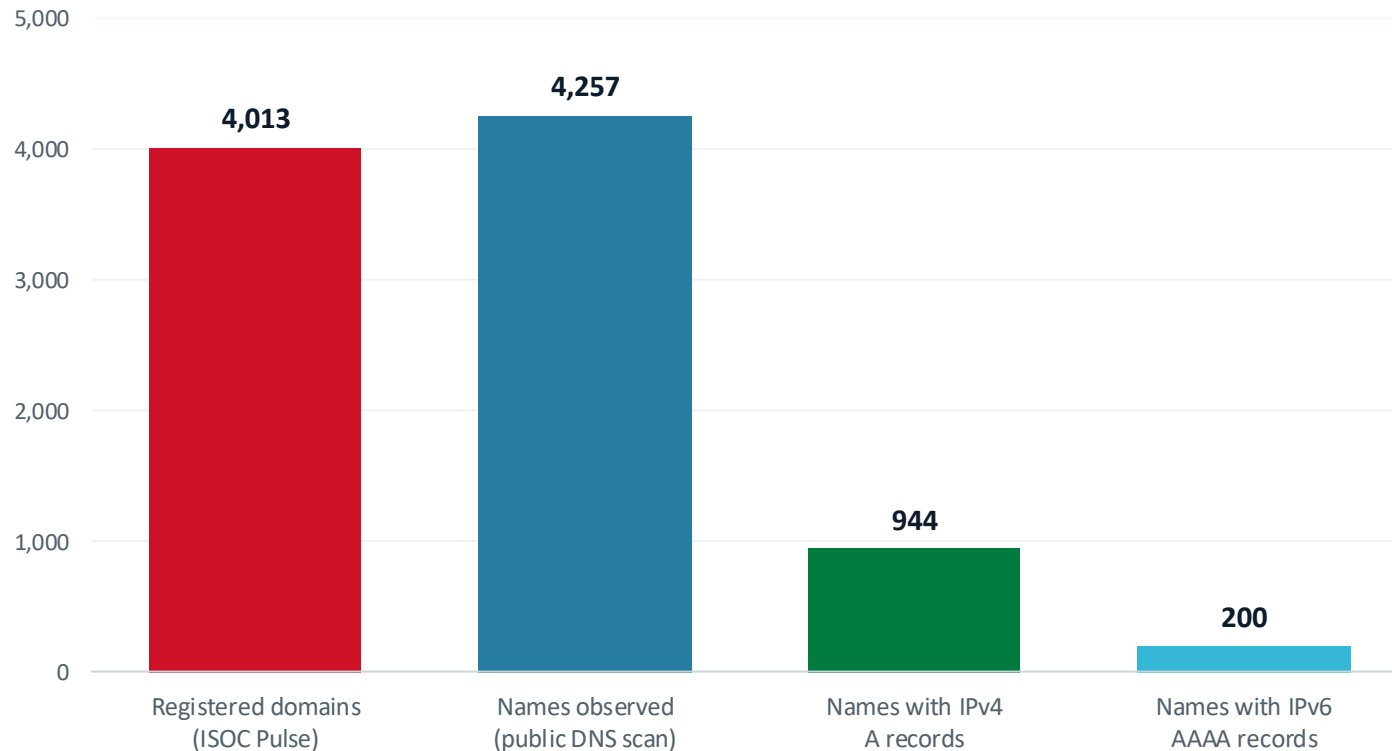
Authority, registry operations, technical services and customer registration are separate roles.

Role	Organization	Core responsibility	Relationship
Manager	NTRC Grenada	National authority for .gd policy and administration	IANA-listed manager
Registry	KSregistry / Nic.GD	Maintains the registry and processes registrar transactions	Operates for NTRC
Technical	CentralNic	Technical contact; WHOIS/RDAP and DNS services	Service provider
Registrar	Accredited registrar	Sells and manages domain names for customers	Connects to registry
Registrant	Individual or organization	Holds the licensed right to use a registered .gd name	Uses a registrar

Key distinction: NTRC is the authoritative manager; Nic.GD/KSregistry runs the registry; registrars are customer-facing retailers.

The .gd namespace is broad; active DNS use can deepen

Public measurements offer a directional view of .gd usage—but they are not a substitute for the CentralNic registry ledger.



~24%

IPv4 A-record names versus the public registration count

Priority

Turn registered names into working, locally hosted and DNSSEC-signed services.



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THANK YOU