SCAP Factsheet

28.05.2026

What is SCAP?

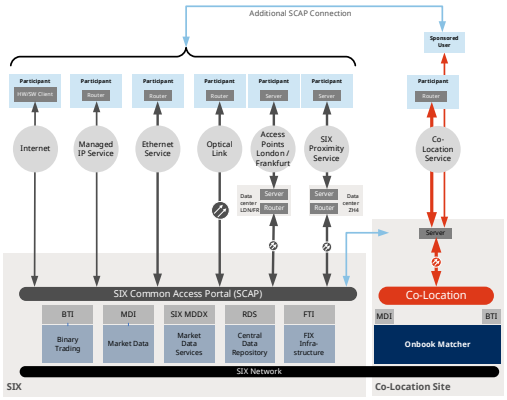
SCAP (**SIX Common Access Portal)** is a secure high speed network distributed over two geographically separated datacenters. The network allows connectivity to the **SIX Exchanges (BME / SSX)** trading platforms.

How it works

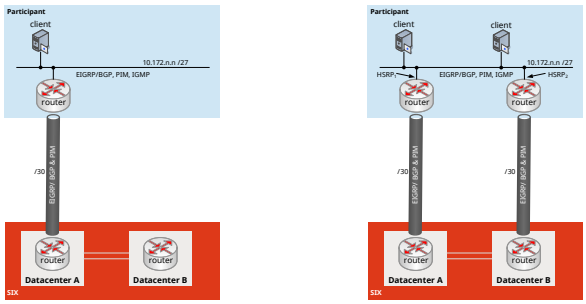
SIX provides IOS XE configuration templates for redundant and non-redundant network setups for supported hardware.

- All transaction based communication is unicast, market data is available via multicast (MDI, SIX MDDX).
- The same market data is sent out over **two distinct multicast streams.** Stream A originates from Datacenter A and stream B originates from Datacenter B. It is not possible to receive stream A from Datacenter B and vice versa. Dedicated rendezvous points are available for each stream.
- Client host subnet contains a SIX Swiss Exchange **assigned /27 network in the range 10.172.n.n** that has to be used for the source of client connections to the Exchange services.
- **BGP** is the routing protocol used to disseminate the routes for the servers to the client and the /27 network back to SIX Exchanges.
- Security is provided via **IPSec**. IPSec may be enabled or disabled according to the needs of the client.

Connectivity Options Overview



Non-Redundant vs. Redundant Configuration



Ownership

Ownership and all responsibility for managing and monitoring of client connections to the SCAP demarcation point (lines, cross connects, routers) lies with the participant.

Links

Equinox Connectivity Guide:
https://secure.six-swiss-exchange.com/member_section/equinox/manuals.html

Access Fees:
Will be announced at a later stage
https://www.six-group.com/en/products-services/the-swiss-stock-exchange/trading/trading-provisions/regulation.html

Connectivity Options

Internet	Bandwidth (kbps)	1mbps (best effort)
	Encryption	required
	Support H/W	**H/W Client:** Cisco C1111-8P **S/W Client:** Cisco AnyConnect Client
	Trading Access	test only: BTI, FTI, FDC, OBI, RDS
	Market Data	No access
Managed IP	Bandwidth (Mbps)	2, 4, 10, 30, 50, 100, 200, 500
	Encryption	required
	Support H/W	Gigabit Ethernet & IPSec, sVTI, IKE-Keepalive, NAT-T Keepalive, BGP4, PIM Sparse, path MTU discovery, QOS, BFD and NTP.[1]
	Trading Access	BTI, FTI, FDC, OBI, RDS
	Market Data	MDI, SIX MDDX
	Carriers	Telefonica
Ethernet	Bandwidth (Mbps)	4, 10, 30, 50, 100, 200, 500
	Encryption	optional
	Support H/W	with encryption as Managed IP w/o encryption: Gigabit Ethernet or Optical Interface & support BGP4 , PIM Sparse, BFD, NTP and QOS.
	Trading Access	BTI, FTI, FDC, OBI, RDS
	Market Data	MDI, SIX MDDX
	Carriers	COLT, BSO
Access Points	Bandwidth (Mbps)	50, 100, 200, 500
	Encryption	optional
	Support H/W	Optical Interface & support BGP4, PIM Sparse, BFD, NTP and QOS.
	Access to	BTI, FTI, FDC, OBI, RDS
	Market Data	MDI, SIX MDDX
	Location	London, UK: Digital Realty LON1, Equinix LD5
Proximity	Bandwidth (Mbps)	50, 100, 200, 500
	Encryption	optional
	Support H/W	Optical Interface & support BGP4, PIM Sparse, BFD, NTP and QOS.
	Access to	BTI, FTI, FDC, OBI, RDS
	Market Data	MDI, SIX MDDX
	Location	Madrid; Equinix MD6

[1] *Supported IOS-XE Configuration Template provided for Cisco Router type: ISR4221, ISR4321, ISR4331, ISR4351, ISR4431, ISR4451-X,C8200*

If you have any questions, please contact your Local Support Center:

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