



HKBN SDNet/2 Service

香港寬頻 證券及衍生產品市場綜合網絡 (SDNet/2)

Enabling high-speed network connection to HKEX's critical trading platforms

讓客戶高速接入香港交易所（港交所）關鍵交易平台的廣域連接服務

Backed by state-of-the-art fibre-optic network, HKBN Securities and Derivatives Network (SDNet/2) provides a network connection with high-speed access to HKEX's critical trading platforms. HKBN is an accredited vendor and technology partner of HKEX

香港寬頻的證券及衍生產品市場綜合網絡（SDNet/2）為全新的交易與市場數據網絡安全架構，讓客戶高速接入香港交易所（港交所）關鍵交易平台。香港寬頻是港交所指定技術合作夥伴及證券及衍生產品市場綜合網絡服務（SDNet/2）認可供應商

Features and Benefits

功能及優點



Proven Expertise 經驗獨到

Proven experience in SDNet backbone project with HKEX gives SDNet/2 customers the assurance they need

憑藉在港交所SDNet骨幹網絡項目的獨特經驗，能為SDNet/2客戶提供更有價值的服務



100% Network Technique Compatibility 網絡技術100% 兼容性

Accredited Ethernet solution is 100% compatible and adopted for HKEX SDNet backbone

SDNet/2與其骨幹網絡均採用備受肯定的網絡技術並100%互相兼容



Round-the-clock Monitoring 全天候監控

Multiple monitoring interfaces provide 24/7 real-time proactive monitoring, health check and network management

多重監控介面提供全天候實時網絡監測、效能檢查及管理

Technical Specification 技術規格

Mobile app for iOS and Android provides users instant notifications from any incident of their SDNET/2 circuits.

透過《iAlert Ex》的iOS及Android流動應用程式，實時通報有關SDNet/2線路的事務。

Network and Service Performance ■ 網絡及服務表現	
Average Round Trip Delay ■ 平均往返延遲	<1.5ms (25km Radius of HKEX TKO NGDC) < 1.5ms (港交所將軍澳數據中心25公里半徑範圍內)
Client Circuit Availability ■ 客戶端線路可用性	99.999%
Fault Response Time ■ 故障回應時間	< 5 minutes < 5分鐘
Fault Restoration Time ■ 故障恢復時間	Trading / Online Hours (+1 hour): < 1 hour , Other Hours: < 2 hours 交易/在線時段 (±1小時): < 1小時, 其他時段: < 2小時
Network Resiliency ■ 網絡復接	
Circuit Diversity ■ 多重線路	Dual Circuit will go through different network centres and access exchanges via separate fibre paths 採用雙迴路以不同的光纖網絡路徑連接不同網絡中心及接入交換配置
Network Resiliency ■ 網絡復接	No single point of failure inside our network centres and access exchanges 於我們的網絡中心及連接交換配置並沒有單點失效
Circuit Failover Time ■ 線路故障轉移時	< 1 second (based on Test Lab Result) < 1秒 (根據測試實驗結果)
Network Resiliency ■ 網絡設置	
Interface ■ 介面	Gigabit Ethernet 千兆以太網
Router ■ 路由器	Juniper SRX210B
Switch ■ 交換器	Juniper EX2200
Bandwidth ■ 頻寬	Up to 1Gbps 高達 1Gbps
Configuration ■ 配置	Single Attached / Dual Attached 單連接 / 雙連接

Discover how HKBN Enterprise Solutions can meet your business needs by contacting us at 128-1111 or hkbnes.net/en

請即致電128-1111 或瀏覽 hkbnes.net，
了解香港寬頻企業方案如何配合您的業務發展需要，為您度身訂造企業方案。

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