

SoftEther VPN

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日期：2014/07/15

Outline

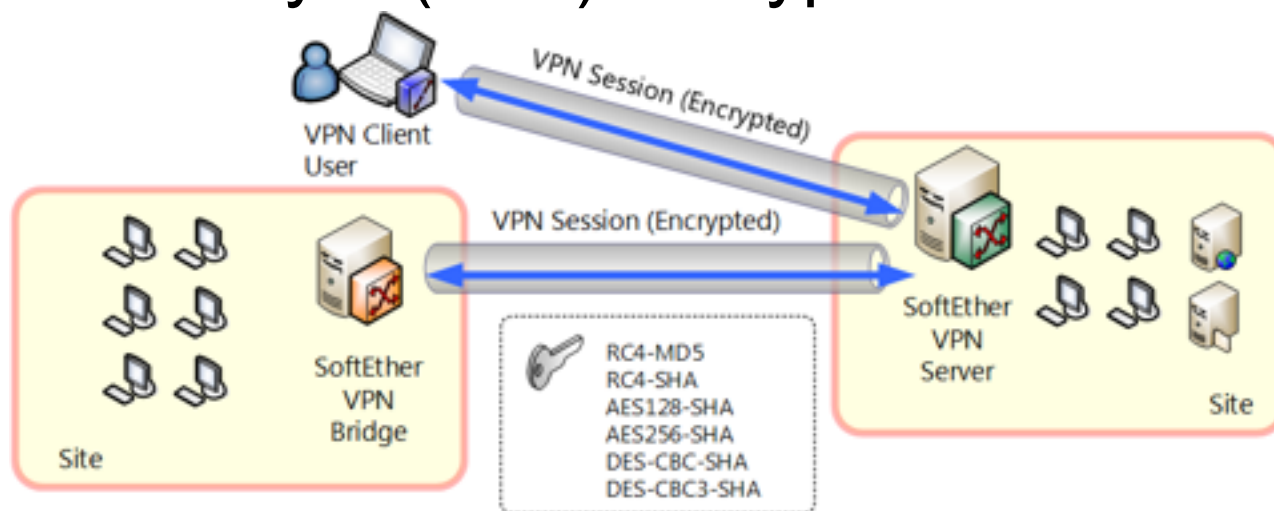
- Strong Security Features
- Benchmark
- Demo

Strong Security Features (1)

- Abundant User Authentication Options
 - Anonymous authentication
 - Password Authentication
 - RADIUS server authentication
 - NT domain and Active Directory authentication
 - Certificate authentication (PKI authentication)

Strong Security Features (2)

- Robust Encryption
 - All communication contents and data related to user authentication is encrypted by Secure Socket Layer (SSL) encryption.



Robust VPN session encryption by various encryption algorithms.

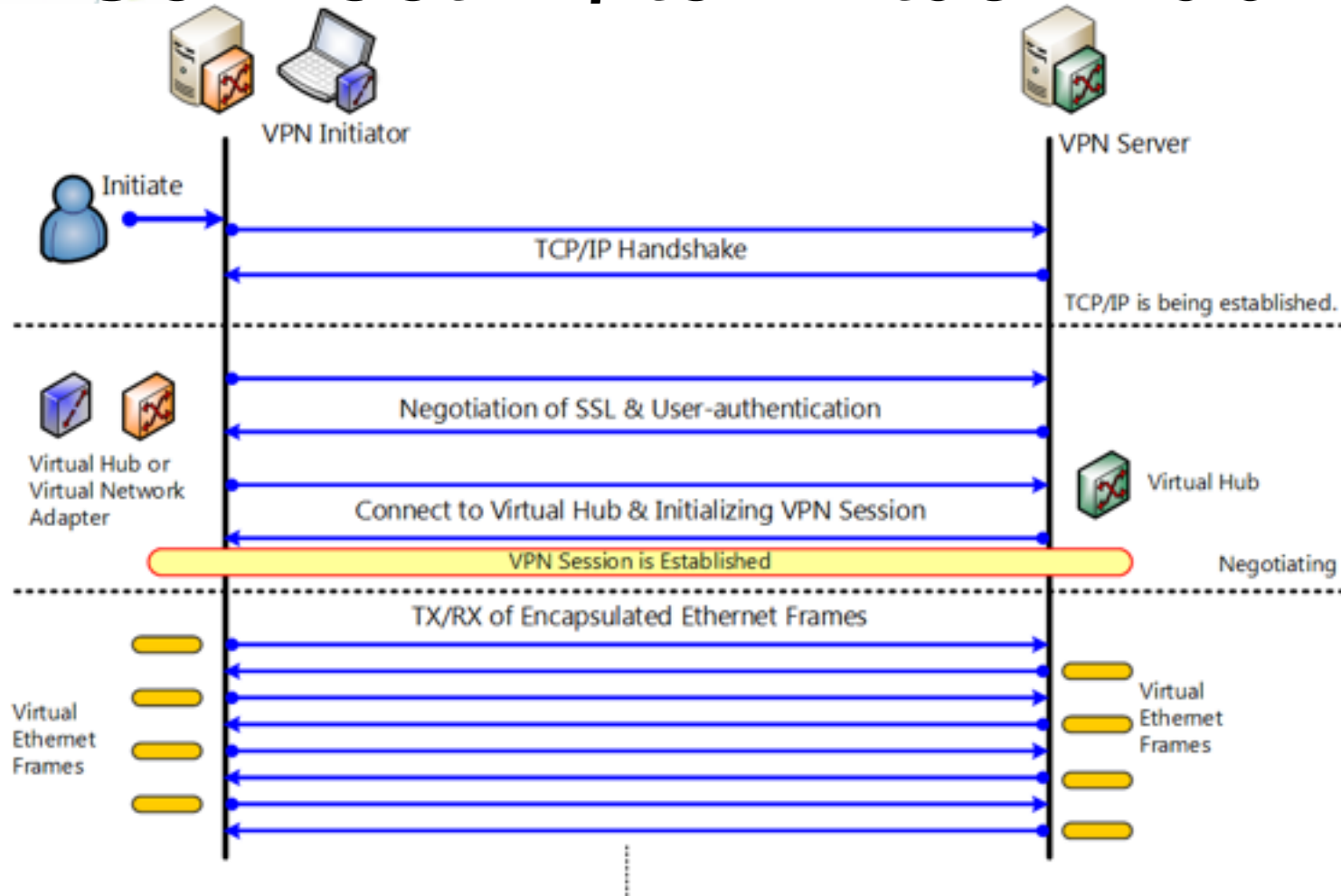
Strong Security Features (3)

- Server Certificate Verification
- Use with Smart Cards

VPN Sessions

Type	Session name	Generator
Ordinary session	Client mode session	Conventional VPN connection from VPN Client
	Bridge/router mode session	Conventional VPN connection from VPN Client Cascade connection from VPN Server Cascade connection from VPN Bridge
	Monitoring mode session	Conventional VPN connection from VPN Client
Special session	Local bridge session	Local bridge function in VPN Server
	Cascade connection session	Cascade connection function in VPN Server
	SecureNAT session	SecureNAT function in VPN Server / VPN Bridge
	Virtual layer 3 switch session	Virtual layer 3 switch function in VPN Server

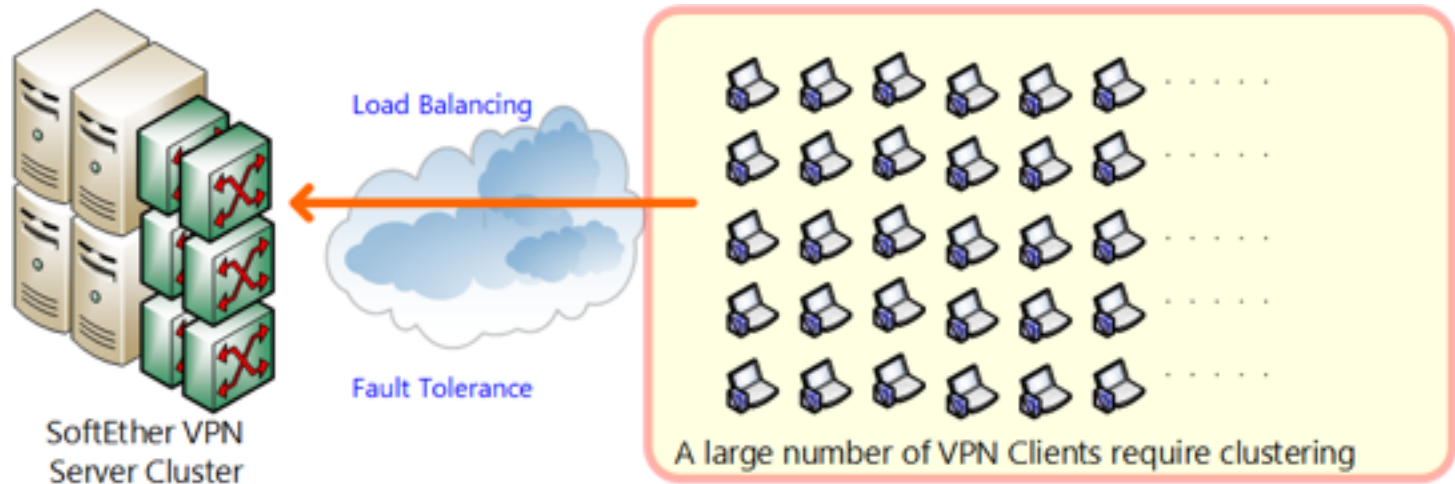
Connecting to Virtual Hub



VPN protocol sequence and status transition at time of connection to Virtual Hub and session establishment.

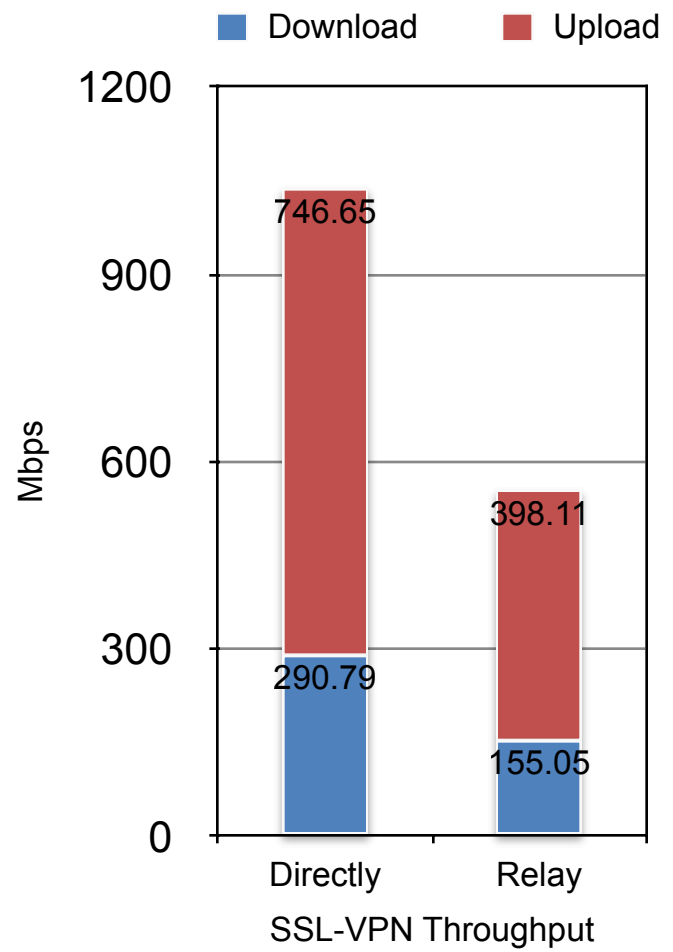
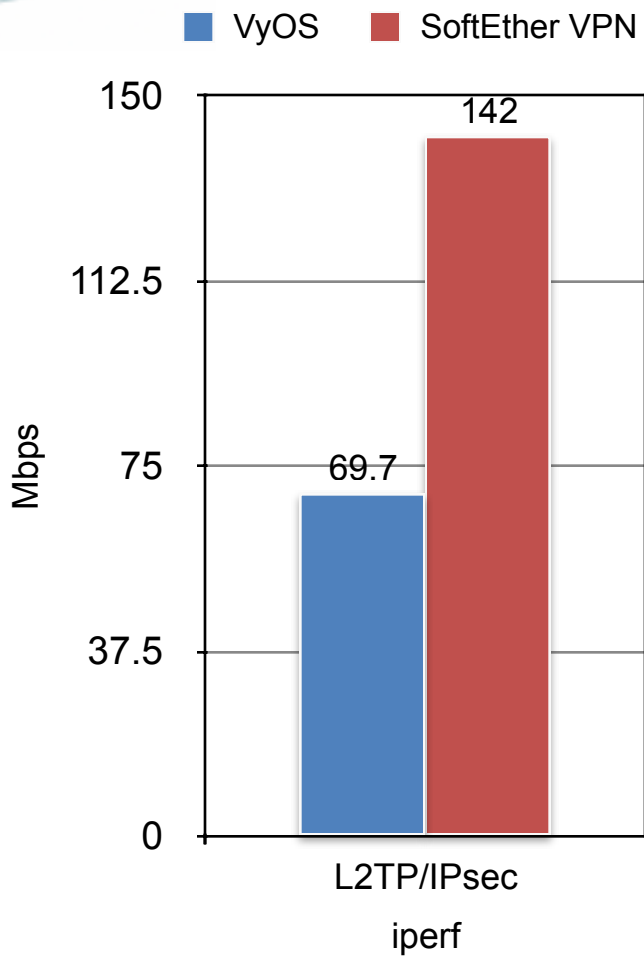
Large Load VPN by Clustering

- Necessity of Clustering
 - Load Balancing
 - Fault Tolerance

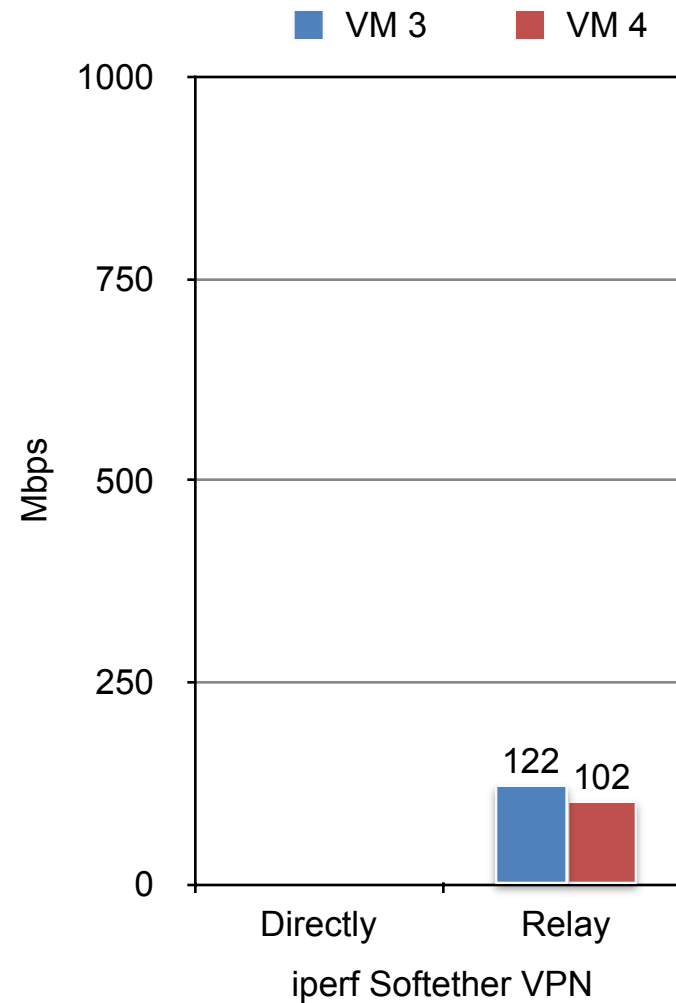
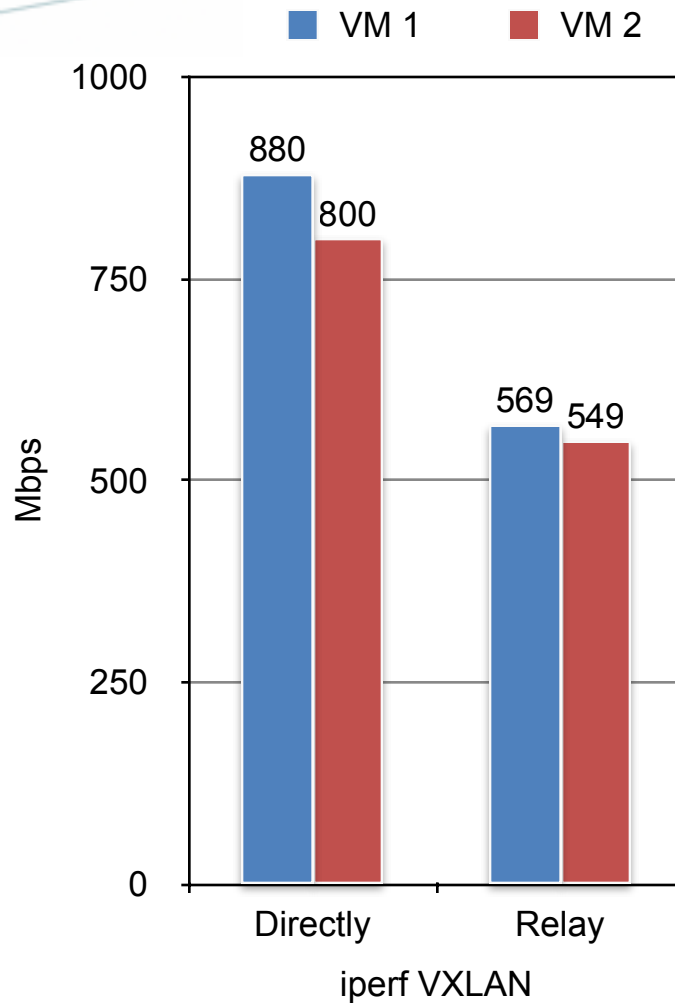


Processing large amounts of VPN connections by clustering.

Benchmark (last time)



Benchmark (new)



Demo