

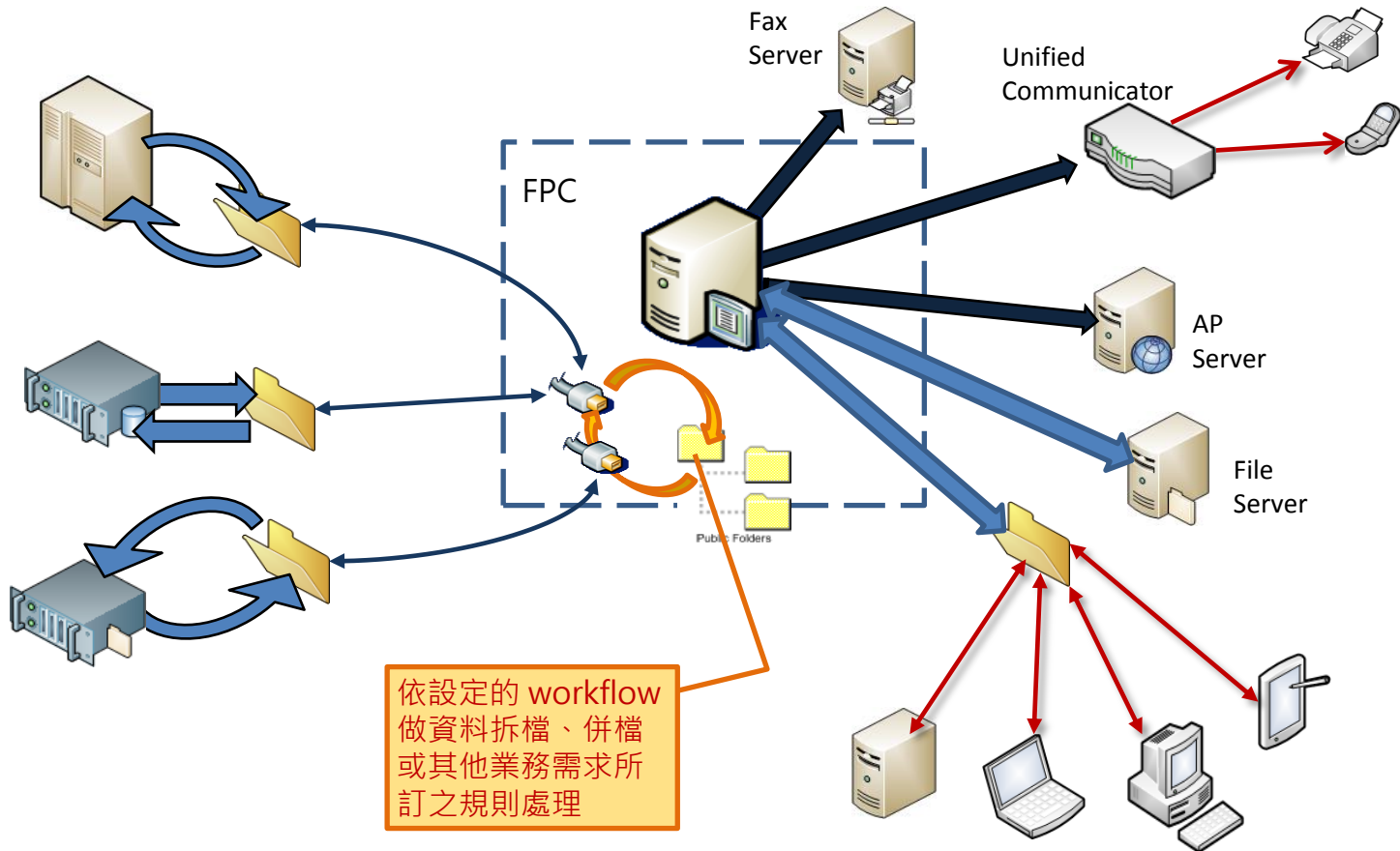
File Processing Center

Cedar BlueStar

Outline

- Concepts
- Features
- Architecture
- Case Study

Concepts



Features

- Transport protocols
 - UNC
 - FTP/S
 - HTTP/S
- Monitoring
 - Based on log4net
- Basic support
 - 字碼轉換
 - 拆檔
 - 併檔
 - PACK values
 - 檔名時間註記
 - 壓縮
 - 改檔名

Features

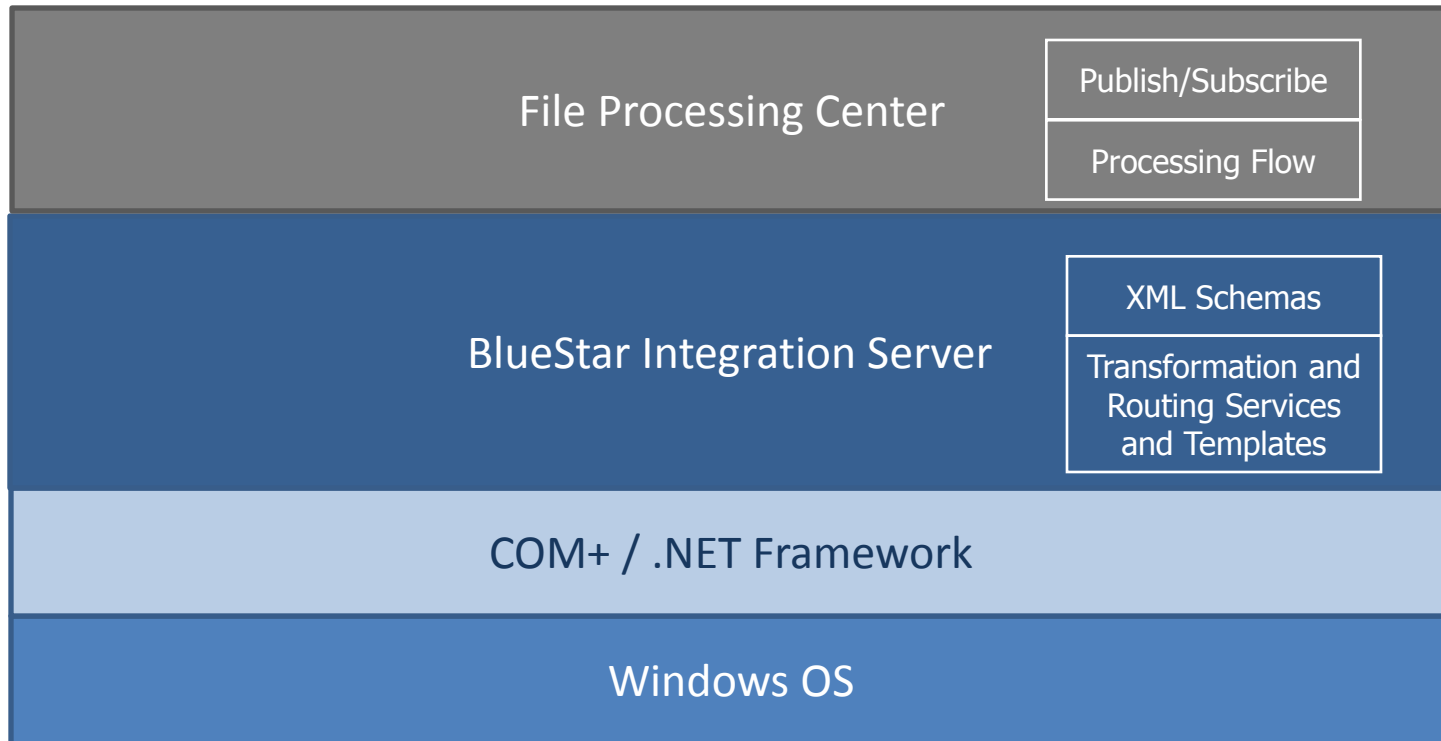
- Dynamic Load Balancing Supports
- Process Flows
 - Attach on file name
 - Real-time design
 - Filtering via regular expression

Features

- Extended Supports
 - Data protection
 - HSM encryption
 - Software encryption
 - Content clean up

Architecture

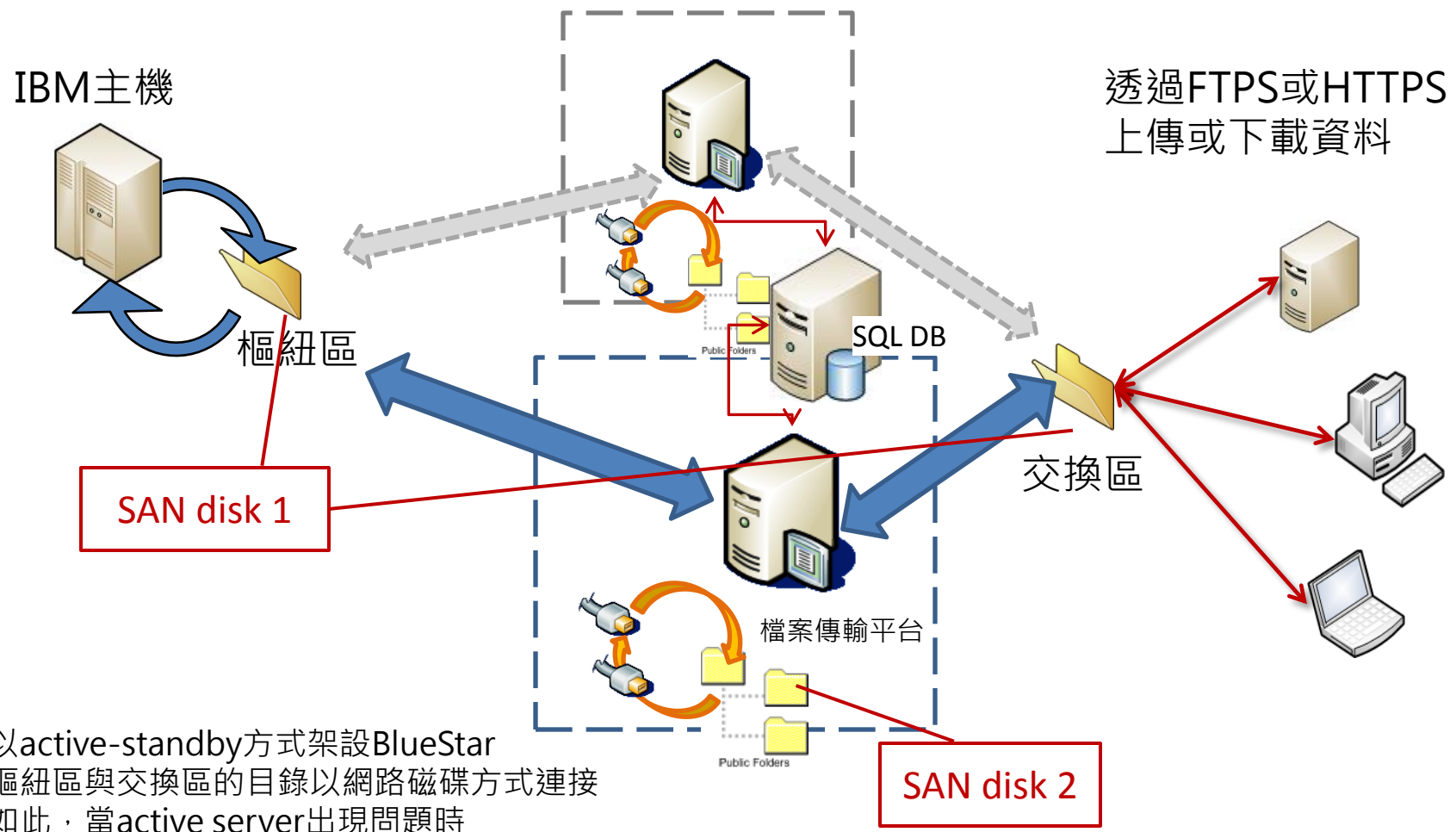
- Based On BlueStar Integration Server



Case Study: 多元通道檔案傳輸

- Why Rebuild?
 - 處理流程標準化
 - process decomposition
 - flexible process flow
 - 降低程式開發
 - 提高已開發程式的重複使用率
 - 提升管理的方便性

Case Study: 多元通道檔案傳輸

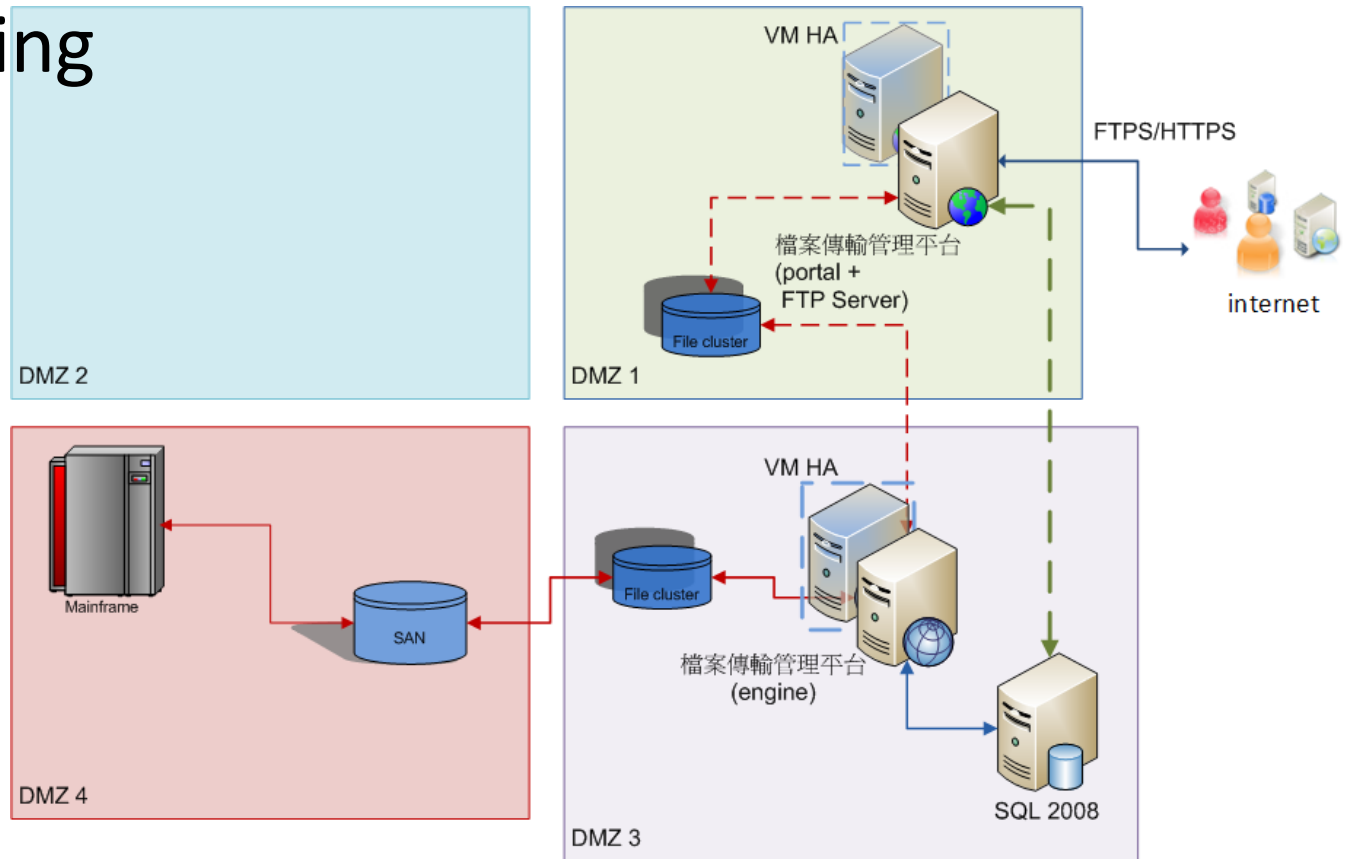


以active-standby方式架設BlueStar
樞紐區與交換區的目錄以網路磁碟方式連接
如此，當active server出現問題時
只要手動啟動 standby server 上的 File Trigger Service
所有process 即可繼續進行

active-standby

Case Study: 多元通道檔案傳輸

- networking



Case Study: 多元通道檔案傳輸

- 新舊系統比較

	多元通道	檔案傳輸平台
檔案處理 程式	Jelly 排程或主機呼叫 Hard-coded Over 1500	C# BlueStar File Trigger Service Regular Expression 15
傳輸方式	FTP/SFTP	FTP/FTPS HTTPS UNC
客製化 client 程 式	FTP client	無