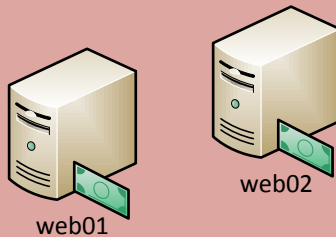# Frontend DMZ

x.255.12.x

Storefront and Admin are message publishers.

Virtual Machines:
- Server 2008 R2 Standard

Applications:
1. Storefront
2. Admin
   * Ports 80 & 443

web01

web02

Planning to use MSMQ because this is Windows OS, so it is available natively.

What ports needs to be open on the firewall if MassTransit.RuntimeServices.exe is running on either web03 or web04 and web01 and web02 host applications that are message publishers?

I would like to implement reliable messaging, so what are DTC considerations?

What are suggested alternative configurations?
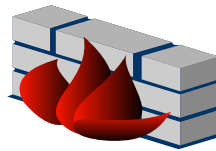
Backend DMZ

x.255.79.x

Shared Database

Physical Two Node SQL Cluster:
- Server 2008 R2 Enterprise

sql01

MassTransitRuntime Services database hosted here.

sql02

Backend Web Servers

Virtual Machines:
- Server 2008 R2 Standard

Applications:
1. Customer Service Admin
2. MassTransitRunTime Services
3. Message Handler (Windows Service)

* Ports 80 & 443

web03

Web04

MassTransit.RuntimeServices installed on backend servers.

Message Handler windows service will be a custom windows service and consume majority of messages published by Storefront and Admin applications.

What port/protocol necessary for MassTransit?