

# Re: BizTalk server Topology & scalability

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*Source:*

<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.server/2005-04/msg00017.html>

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- *From:* "Hugo Rodger-Brown" <[hugo@xxxxxxxxxxxxx](mailto:hugo@xxxxxxxxxxxxx)>
  - *Date:* Tue, 5 Apr 2005 11:22:07 +0100
- 

BizTalk itself is 'stateless' and so can run on any machine that has access to the underlying SQL servers. The configuration of hosts, and deployment of host instances is unrelated to the distribution of databases across SQL. You could have all dbs installed on a single SQL server, or each on its own SQL instance & hardware. So long as the BTS servers can connect through to them it will work.

I think the only thing you'll need to be wary of is that all the machines are in the same domain (or trusted domains), so that domain accounts can be used for host credentials.

Hugo

"HaloX" <[HaloX@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:HaloX@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:5876DD1C-502D-4D49-9CC7-CDAABC586085@xxxxxxxxxxxxxxxxxxxxx](mailto:news:5876DD1C-502D-4D49-9CC7-CDAABC586085@xxxxxxxxxxxxxxxxxxxxx)  
> Looking through the BizTalk documentation and books I see recommended  
> configuration of hosts. There are the following configurations:  
>  
> 1) Single server: Single server runs ALL BizTalk and SQL operations  
> 2) Two Server: A single server runs SQL while another runs all BizTalk  
> operations.  
> 3) Multiple Server: Multiple servers running BizTalk and configured with  
> each machine host running specific isolated functions to scale out the  
> receive, processing, transmitting and tracking. One or more (recommended  
> for  
> this configuration) servers running SQL in cluster.  
>  
> Now, the issue is I have a SQL cluster running SPS. I want to leverage  
> this  
> cluster because it is hardly tasked and I will have BizTalk run on a  
> separate  
> SQL instance. I would like to have two machines running BizTalk:  
>  
> \* One configured a Message Box Master Recieve, and Tracking  
> \* One configured for Transmit and Orchestrations  
>  
> Will BizTalk support this configuration. Nothing in the documentation  
> identifies if certain configs AREN'T supported, but from my experience

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this

> doesn't mean much. In SPS there are certain configs not supported and

> nothing in the initial documentation identified this.

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> Thanks

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• **References:**

◆ **[BizTalk server Topology & scalability](#)**

◇ *From:* HaloX

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