



# ANNEX 35

Fiorano ESB BOM and sizing

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S.no:	Product Name	Quantity (core)
1	<b>A. Fiorano SOA Platform (Production Environment)</b>	
2	- Fiorano ESB Management and Repository Server	4
3	- Fiorano Tools (SOA Studio, Visual Tools)	4
4	- FioranoMQ Peer Server	8
	<b>Adapter Licenses:</b>	
5	- Fiorano Database Adapter	4
6	- Fiorano REST (Stub)	4
7	- Fiorano REST (Consumer)	4
8	- Fiorano HTTP Adapter (Receive/Get/Post, SimpleHTTP, HTTP Stub)	4
9	- Fiorano WebService Adapter	4
10	- Fiorano Bridge Components (POP3/IMAP/SMTP/SMS)	4
11	- Fiorano Bridge Components (FTP Get/Put)	4
12	- Fiorano File Reader/Writer Adapter	4
13	- Fiorano File Conversion Adapter (EDI2XML/XML2EDI/Text2XML/XML2Text)	4
14	- Fiorano Flow XMLSplitter , DistributionService and Cache	
15	- Fiorano Socket Adapter	4
16	- Fiorano FIX Adapter (Acceptor/Initiator)	4
17	- Fiorano File Conversion (XML2MT, MT2XML)	4
	<b>Fiorano SOA Platform (Non - Production Environments)</b>	
18	- SIT Environment	4
19	- UAT Environment	4
20	- DR Environment	4
	<b>Fiorano SOA Platform (High Availability)</b>	
21	- Production HA Environment (replicates production environment)	4

**Assuming the bank has more than 200 K customers, the number of online transactions is expected to be high.**

## Environment Details:

Module	Environment	Server Type	IP ADDRESS	SOFTWARE	Operating system	Mode	# of Nodes (or VM, as applicable)	CPU cores Per Node	RAM (GB) per Node	Total Boot + Data Disk (GB)	Comments
<b>Fiorano ESB</b>	PROD	FES		Fiorano FES server,Java1.8	Linux	Single Node	2	4	64	100	
		FPS		Fiorano FPS Server,Java 1.8	Linux	Single Node	2	4	128	250	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	150	
	DR	FES		Fiorano FES server,Java1.8	Linux	Single Node	1	4	64	100	
		FPS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	128	250	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	150	
	UAT	FES		Fiorano FES server,Java1.8	Linux	Single Node	1	4	64	100	
		FPS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	128	250	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	150	
	SIT	FES		Fiorano FES server,Java1.8	Linux	Single Node	1	4	64	100	
		FPS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	128	250	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	150	
<b>Fiorano APIM</b>	PROD	AMS		Fiorano FES server,Java1.8	Linux	Single Node	2	4	32	50	
		AGS		Fiorano FPS Server,Java 1.8	Linux	Single Node	2	4	64	100	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	100	

Module	Environment	Server Type	IP ADDRESS	SOFTWARE	Operating system	Mode	# of Nodes (or VM, as applicable)	CPU cores Per Node	RAM (GB) per Node	Total Boot + Data Disk (GB)	Comments
	DR	AMS		Fiorano FES server,Java1.8	Linux	Single Node	1	4	32	50	
		AGS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	64	100	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	100	
	UAT	AMS		Fiorano FES server,Java1.8	Linux	Single Node	1	4	32	50	
		AGS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	64	100	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	100	
	SIT	AMS		Fiorano FES server,Java1.8	Linux	Single Node	1	4	32	50	
		AGS		Fiorano FPS Server,Java 1.8	Linux	Single Node	1	4	64	100	
		E-Studio		Fiorano Estudio,Java1.8	Windows	Single Node	1	4	16	100	