



	Up to 5K subscribers	Up to 20K subscribers	Up to 100K subscribers
Optional HW vendor and model	Server DL380 or Dell410		Server DL380 or Dell 410
CPU	Xeon E5 – 2430 or Intel Xeon E3-1231 v3 @ 3.40GHz or Similar and above	Xeon® E5-2650 or similar	2 x CPU - Xeon® E5-2650 or similar
RAM	8GB	16GB	32GB
DISK SPACE	500GB disk or RAID with 500GB	1TB disk	1.5TB internal disk. External storage or RAID for the database depending on the operator traffic
Power supply	Redundant Power Supply		
OS	Windows 2012 R2(or 2008 R2) – In English		
Database	MS SQL 2014 Express(or 2008/2012 based on installed OS) - free of charge license (up to 5K subscribers ONLY, not applicable for Redundant configuration) or MS SQL Server Standard (otherwise)	MS SQL Server 2014 Standard	
Virtual Machines	In case of using VMs: 1.Use of physical discs and not virtual discs. 2.No sharing between machines on the above HW requirements. 3.The responsibility for VM maintenance must be on the Customer. 4. It is recommended to perform image backup once a week.		
Mirroring Solution	<ul style="list-style-type: none"> <li>Use of Virtual machines for AAA application/ DB in redundant configuration is not</li> </ul> The responsibility for VM maintenance must be on the Customer. <ul style="list-style-type: none"> <li>It is recommended to perform image backup once a week.</li> <li>In a redundant AAA configuration, redundant HW and redundant physical/ logical connectivity</li> <li>Reliable communications between the 3 AAA entities must be ensured (max delay of less than</li> </ul> All the 3 AAA entities (Primary, Secondary, Witness) must be deployed on the same Networking Domain.		
	3 MSSQL 2014 standard edition are necessary,2 Ethernet NICs per machine are recommended.		