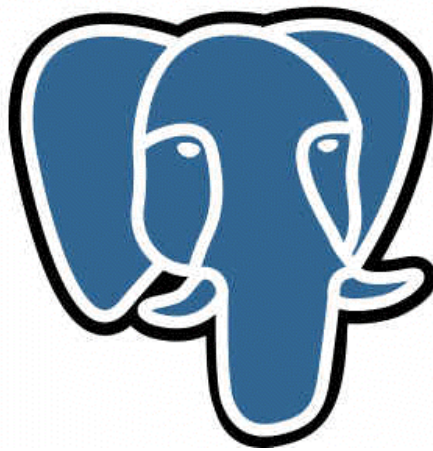


# AC Lab System

## PostgreSQL Migration Guide – Part I

### Deployment Servers

# PostgreSQL



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In this guide, we intend to cover the full details of ACLS PostgreSQL migration server requirements. The guide is written mainly for IT administrator, or the party which is responsible to install and commission hosting servers for ACLS.

### ❖ Configuration of ACLS SQL Deployment

In general, two options are available for decision: enterprise deployment or node deployment.

The main difference is that enterprise deployment runs a separate PostgreSQL server, but the node deployment runs everything on one server.

Enterprise configuration diagram:

Node configuration diagram:

### ❖ Enterprise vs Node

	Enterprise	Node
<b>ACLS Instance</b>	Multiple ACLS instances per SQL instance	One ACLS instance per SQL instance
<b>PostgreSQL</b>	One SQL instance running multiple ACLS databases	One SQL instance running one ACLS database
<b>Scalability</b>	Yes	No
<b>Performance</b>	High	Medium



<b>AAF</b>	Yes	No
<b>Single login portal</b>	Yes	No
<b>iPhone app</b>	Yes	Yes
<b>HR/Finance enterprise system integration</b>	Yes	No

❖ **Server Hardware Requirements**

	Enterprise	Node
<b>ACLS instance server</b>		
<b>CPU</b>	8 cores in total as min	8 cores in total as min
<b>RAM</b>	8GB min	16GB min
<b>HDD</b>	100GB min	200GB min
<b>SQL server</b>		
<b>CPU</b>	16 cores in total as min	N/A
<b>RAM</b>	16GB	N/A
<b>HDD</b>	200GB min	N/A

❖ **Operation System & S/W Requirements**

	Enterprise	Node
<b>ACLS instance server</b>		



<b>OS</b>	Windows 2012 R2	Windows 2012 R2
<b>MS Office</b>	2010	2010
<b>Local User Account</b>	aclsadmin	aclsadmin
<b>UAC</b>	OFF	OFF
<b>Navicat for PostgreSQL</b>	N/A	Latest
<b>SQL Server</b>		
<b>OS</b>	Windows 2012 R2	N/A
<b>Navicat for PostgreSQL</b>	Latest	N/A