Where can I find hardware requirements for a BYOC implementation based on number of employees?

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Bring Your Own Cloud (BYOC)

In PoliteMail 5.0, you can deploy a "bring your own cloud" infrastructure using Microsoft Azure (AWS application servers with a SQL instance will also work). Compared to traditional on-premises deployment, BYOC offers a more streamlined setup process using cloud services.

The information below lists your hardware requirements based on the number of employees:

Up to 10k Employees

Firewall / Load Balancing	1x Regional NAP (ptiona)
Application Servers	Option 1 (Recommended): Std App Service Plan S2
	Option 2: Standard _D2_v5 (Azure) or m5n.large (AWS)
Database	A zun SQL- VC ves (or AWS RDS equivalent)
SMTP Server	Runs on Primary Node

10k to 20k Employees

Firewall / Bala cil s	onal WAF (optional)
Application Servers	Option 1 (Recommended): Std App Service Plan S3
	Option 2: 1x Standard _D2ads_v5 (Azure) or m5zn.large (AWS)
Database	
SMTP Server	Runs on Primary Node

20k to 30k Employees

Firewall / Load Balancing	
Application Servers	Option 1 (Recommended): Std App Service Plan S3 w/Scale out 2 instances Option 2: 2x Standard _D2_v5 (Azure) or m5n.large (AWS)
Database	
SMTP Server	Runs on Primary Node

30K to 50K Employees		
Firewall / Load Balancing		
Application Servers	Option 1 (Recommended): Std App Service Plan S3 w/Scale out 3 instances	
	Option 2: 2-3x Standard _D2_v5 (Azure) or m5n.large (AWS)	

50k to 100k Employees

Firewall / Load Balancing	1x Regional WAF (Application Gateway)
Application Servers	Option 1 (Recommended): Std App Service Plan S3 w/Scale out 4 instances
	Option 2: 4x Standard _D2_v5 (Azure) or m5n.large (AWS)
Database	Option 1 (Recommended): Azure SQL s, 32 s, 32 sq. SQL Server Web license 4 x Premium SSD LRS 25 FB 12 GB) or AWS RDS equivalent
SMTP Server	VM deployments only: 1x Standard D2as_v4, 1 x Premium SSD LRS (128 GB)

100k - 200k Employees

Firewall / Load Balancing	1x Regional WAF (Apply at Vaste ay)
Application Servers	Option 1 (Recommended): Std App Service Plan S3 w/Scale out 6 instances Option 2: 4-5x Standard _D2_v5 (Azure) or m5n.large (AWS)
Database	Cotion at Actomic value of SQL – 8 vCores, 60GB memory Continues value
SMTP Server	VM deployments only: 1x Standard D2as_v4, 1 x Premium SSD LRS (128 GB)

200k+ Employees

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Application Servers	Option 1 (Recommended): Std App Service Plan S3 w/Scale out 10 instances Option 2: 6x Standard _D2_v5 (Azure) or m5n.large (AWS)
Database	
SMTP Server	VM deployments only: 1x Standard D2as_v4, 1 x Premium SSD LRS (256GB)