

lab 6.1 focus on everything in the yellow square

Quantity	Device	Purpose	CPU	CPU usage %	RAM	RAM usage %	Drives	Drive usage %
3	Server	Domain Controller	one 4 core 3.7GHz	30	128GB	60	two 1TB	30
2	Server	SQL Cluster	two 8 core 3.5GHz	50	512GB	60	six 1TB	30
2	Server	File server	one 8 core 3.2GHz	20	256GB	40	six 1TB	20
1	Server	custom database	two 4 core 3.4GHz	40	512GB	30	six 1TB	30
1	Server	HR system	two 2 core 2.2GHz	30	256GB	20	four 1TB	30
2	Server	POS cluster	two 4 core 3.2GHz	40	256GB	30	six 1TB	20
1	Server	gas tank monitoring	one 2 core 2.1GHz	10	128GB	10	two 500GB	50
2	firewall	firewall cluster						
1	router	edge router						
1	router	core router for Vlans						
5	switch	switching						

The hardware listed above is the existing physical hardware in PK Industries data center before the VMware project is implemented. It is this hardware that lab assignment 6.1 needs to account for as you develop your VM server specifications. Labs 6.2 and 6.3 assume that this hardware has been virtualized.