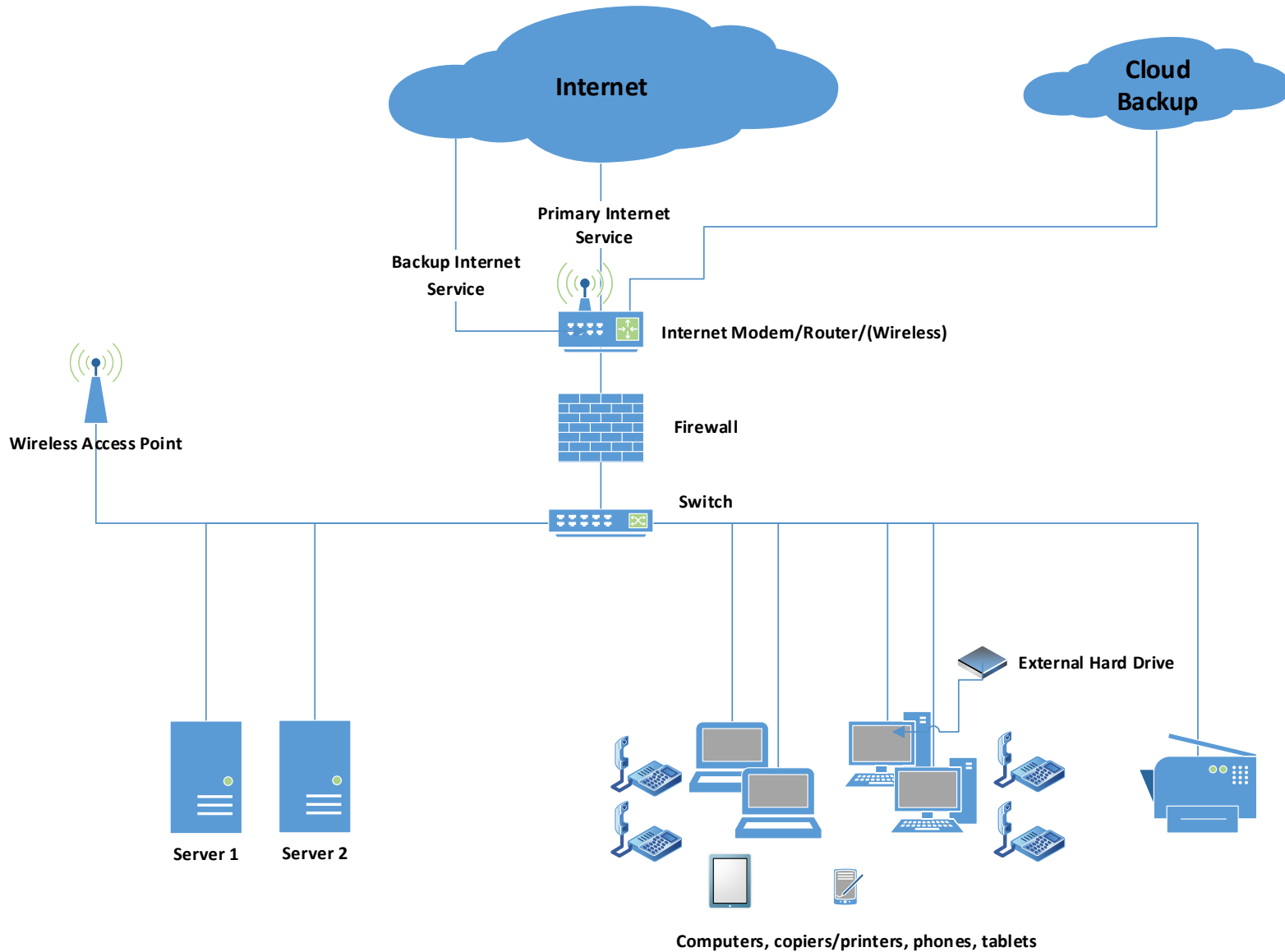


Small Business IT on a Budget Quick Reference

GRCC Business Education Series – 05.23.2018

Typical IT Configuration





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	Solopreneur	Up to 10 employees	10-20 employees	>20 employees
Primary Internet	5 Mbps	10 Mbps	50 Mbps	100 Mbps
Backup Internet	Cell Phone Hotspot	4GLTE auto-failover	5 Mbps 2nd circuit	20 Mbps 2nd circuit
Firewall	ISP Modem	Hardware Firewall (\$460)	Hardware Firewall (\$950)	Hardware Firewall (\$1600)
Switch	Small switch or just use Internet router (5 ports) (\$40)	Small switch (8 or 16 ports) (\$80/\$175)	Medium switch (16 or 24 ports) (\$95/\$250)	Large switch (24 or 48 ports) (\$125/\$315)
Wireless	Built-into ISP Modem	1 WAP	2-3 WAPs	Depends on office layout and number of employees
Computers	Business class, Windows Pro, Dual/Quad Core Processor, 8+GB Memory, SSD or 7200 rpm SATA hard drive, Multi-year warranty			
Cloud Backup	Carbonite/Mozy Acronis Backblaze Idrive Crashplan			
Security	Complex Passwords Different/complex passwords for all online accounts Anti-malware/anti-virus Non-obvious WiFi name and complex key/password Online file/data backup No public WiFi for sensitive work Lock laptop out-of-sight in vehicle Security training			