Features	Afia Cloud	AWS/Azure	Self-Hosted
Floorspace Protected from environmental hazards such as fire or flooding	✓	✓	—
Physical Security Multi-factor access controls and logging	✓	✓	—
Redundant Power (2N) & Redundant Cooling (N+1) Uninterruptible power enough to supply the facility twice over and efficient cooling enough to maintain equipment plus at least 1 extra AC unit in case of failure or maintenance	✓	✓	—
2N Power tested monthly UPS and Generators tested monthly for reliability	✓	✓	—
Redundant Internet Access Multiple circuits from disparate carriers provide worry free internet accessibility even in the event of a single carrier failure	✓	✓	—
Redundant and Secure 10Gb Networking All hardware leverages a minimum of 2 10Gb networking links for speed and redundancy	✓	✓	—
Multi-Site Redundant Storage Fully synchronised 1:1 redundant storage included for all critical systems kept secure at two geographically disparate facilities	✓	**OPTIONAL** *(With an Upcharge)*	—
Multi-Site Redundant Physical Host Servers Fully 1:1 redundant physical host servers included for all critical systems kept secure at two geographically disparate facilities	✓	**OPTIONAL** *(With an Upcharge)*	—
Resource Scaling On-Demand The ability to increase or decrease physical resources such as CPU, RAM and Storage on demand. Only pay for what you need without overspending.	✓	**OPTIONAL** *(With an Upcharge)*	—
Hypervisor Resource Management Monitored for resource utilization and load balancing to provide the best performance possible. Recommendations proactively made to increase or decrease resources as necessary for efficient operations	✓	✓	—
Data Backups w/ Multi-site 12 Month Retention All critical servers are licensed and backed up nightly locally for speed and later archived offsite for retention and redundancy	✓	—	—
Backup Management All backup jobs monitored and remediated daily for success, additionally all data backup jobs are fully restored and certified for accuracy once annually	✓	—	—
Disaster Recovery All critical servers are synchronised offsite for disaster recovery purposes and their availability is tested by fully failing over once annually	✓	—	—
Licensing and License Management Leverage monthly costs for licensing of applications or bring your own licensing (some restrictions apply).	✓	—	—
Operating Systems Management Install, update and apply security patches monthly for the lifecycle of the operating system. Additionally, an annual audit of all servers and their compliance status is reported annually to plan replacement prior to non-compliance.	✓	—	—
Patch Management (Applications) Monthly security patches are applied to all generic applications for security and compliance purposes. Examples such as Chrome, Firefox, Acrobat, MS Office, etc.	✓	—	—
Anti-Virus Management All servers are provided Anti-Virus with EDR to stop advanced malware, catch threats and deny hackers. Anti-virus is updated hourly and status monitored daily.	✓	—	—
Trusted IT Advisor As experts in Healthcare IT, HIPAA, and Behavioral Health, we can help enhance your IT department's knowledge, strategic planning and decision making, as well as share industry trends and best practices	✓	—	—