

ENTERPRISE CLOUD PROVIDER CHECKLIST



Use the CenturyLink enterprise cloud provider checklist to help you evaluate and select an enterprise-class cloud provider.

Availability	<ul style="list-style-type: none"> <input type="checkbox"/> Five 9s SLA covering servers, network and storage <input type="checkbox"/> High availability via load balanced systems and full redundancy throughout the stack <input type="checkbox"/> Multipath networking layer <input type="checkbox"/> Fast VM restart
Performance	<ul style="list-style-type: none"> <input type="checkbox"/> Consistent high performance, not ebb and flows <input type="checkbox"/> 1,000+ IOPS/VM for application performance comparable to on-premise (not 20% less) <input type="checkbox"/> Automated, predictive optimization and auto-scaling <input type="checkbox"/> Data analysis in real time for storage, auto-tiering
Security and Compliance	<ul style="list-style-type: none"> <input type="checkbox"/> Virtual private cloud: runs behind your corporate firewall, securely connected (point-to-point, client VPN, direct connection, Ethernet Exchange) <input type="checkbox"/> Secure, multi-tenant architecture that segregates data <input type="checkbox"/> SSAE 16 audited, can support HIPAA compliance <input type="checkbox"/> Strong physical security policies for data centers <input type="checkbox"/> Best practices built into firewalls, automatically adds scanning rules for efficiency <input type="checkbox"/> Requires secure host for email applications
Business Continuity	<ul style="list-style-type: none"> <input type="checkbox"/> Built-in disaster recovery with automated rolling 14-day backups, mirrored locally <input type="checkbox"/> Back-ups replicated to geographically diverse datacenters <input type="checkbox"/> 24hr recovery to a secondary data center with identical performance, scale, and capacity <input type="checkbox"/> Global network of data centers for region-specific DR plans

Support	<input type="checkbox"/> Direct access to dedicated team of level 3 engineers <input type="checkbox"/> Experience architecting, migrating and managing complex environments and apps <input type="checkbox"/> Tailored operational support
Flexibility / Cost	<input type="checkbox"/> Charged only for resources (CPU, memory, storage) allocated by the hour <input type="checkbox"/> Ability to Pause and Stop servers, put servers into maintenance mode <input type="checkbox"/> Predictive cost estimates always available
Cloud Services	<input type="checkbox"/> Open, multi-language Platform as a Service for web apps <input type="checkbox"/> Roadmap of service fabrics (i.e. Database as a Service)
Enterprise-Grade Infrastructure	<input type="checkbox"/> VMware vSphere powered for easy integration with on-premise systems <input type="checkbox"/> Enterprise-grade architecture, 10GB connectivity all the way through <input type="checkbox"/> Enterprise-grade servers (no white label)
Control and Automation	<input type="checkbox"/> Choice of API or control portal, enables root control to server <input type="checkbox"/> Set predictive, vertical auto-scaling rules based on risk tolerances <input type="checkbox"/> Immediate, automatic monitoring of all resources <input type="checkbox"/> Meets your needs for special configurations <input type="checkbox"/> Multiple app and image deployment templates and built in orchestration functionality
Date of Evaluation:	
Conducted by:	