

# Marathon everRun<sup>®</sup> 2G

## Technical Requirements

Marathon Technologies is the leading developer of continuous and high availability solutions to protect business-critical data and applications against the costly affects of downtime. Marathon delivers support for the latest technologies to provide flexibility and convenience to our customers. everRun 2G is our availability platform for all of your Windows high availability needs. The following tables list the minimum configuration requirements for 2G. For questions about other configurations not listed, please contact Marathon.

Hardware Requirements	
Servers	One (1) pair of 64-bit x86 server-class Intel VT-enabled servers Matching CPU family and model required
Processors	Access the latest list of supported Intel – VT processors at: <a href="http://www.marathontechnologies.com/documents/Hardware_Qualifications.pdf">http://www.marathontechnologies.com/documents/Hardware_Qualifications.pdf</a>
Memory	4 GB RAM minimum (per physical host) 128GB RAM maximum (per physical host)
Network Ports	4 network ports required (5 required if using Level-1 protection) <ul style="list-style-type: none"><li>- Two 1 Gbps or 10Gbps NICs for private everRun networks – max 5 ms roundtrip latency, 155MB min bandwidth per protected workload</li><li>- Two Ethernet 100MB/sec or faster</li></ul>
Disk Drives	At least 1 disk drive.
Storage	Minimum of 72 GB of total disk space Local storage on each host or common shared storage configuration
CD-ROM	1 CD-ROM (IDE, SCSI, or USB)
Disk Controller	SCSI, iSCSI or Fibre Host Bus Adapter, IDE Controller, Serial ATA or RAID Controller
Resource Pools	You may have a resource pool of up to 4 hosts when locally configured. For SplitSite (remote) configurations, a maximum of 2 hosts are supported.
Quorum Server	Two quorum servers are required for pools with greater than 2 hosts. Each server requires: Local or remote Windows Vista, XP, or Server 2003 (Standard or Enterprise) system equipped with Marathon Quorum Service software
Client Requirements	
<b>Management Console:</b> Windows 2000, XP, Server 2003, or Vista, 512 MB RAM minimum	
<b>everRun Availability Center Management Console:</b> Internet Explorer or Firefox, with Flash enabled	

Workload Requirements	
Memory	1GB to 24GB
Virtual NIC's	Up to 6 Virtual NIC's
Virtual Disks	Up to 7 Virtual Disks
Storage	14TB maximum
Operating System Requirements	
Microsoft® Windows® Server 2008 - Standard or Enterprise Edition SP1 or SP2, 32-bit (requires HF2) and 64-bit, Small Business Server	
Microsoft® Windows® Server 2003 - Standard or Enterprise Edition SP2, 32-bit and 64-bit, Small Business Server	
Application Support	
Any Windows-based Applications – Not required to be cluster-aware	

### SplitSite® Configuration Requirements

Technical Requirements
Two servers on same subnet or common vLAN
Two quorum servers – Can be any Windows server to run light-weight quorum service
Availability-Link between hosts – 10ms latency roundtrip, 155Mb per each protected workload
Network connectivity from Marathon environment to quorum servers
Quorum Server Requirements
Local or remote Windows Vista, XP, or Server 2003 (Standard or Enterprise) system equipped with Marathon Quorum Service software