

HPE Small Business Solutions for Multi-function and Hybrid Database

Simple, secure, and affordable on-premises and hybrid cloud solutions designed just for SMB use cases

Contents

HPE point of view	2
Hybrid cloud is the future.....	2
HPE Small Business Solutions for on-premises and hybrid cloud use cases	2
Building a solution using iQuote	2
Solution details.....	3
World-class partnerships	4
HPE Small Business Solutions.....	4
Validated offers for SMBs, ROBOs, and SOHOs.....	4
On-premises: HPE Small Business Solutions with ClearOS or Microsoft Windows Server	4
Hybrid cloud: HPE Small Business Solutions with Microsoft Azure or Partner Cloud Services.....	4
Build your solution.....	5
Step 1: Size your solution.....	5
Step 2: Choose the right configuration and recommended options	5
HPE Small Business Solutions for Multi-function.....	6
HPE Small Business Solutions for Hybrid Database	8
Step 3: Don't forget services	8
Step 4: Consider a quote for a flexible monthly payment option.....	9
Simple, secure, affordable.....	9
Resources.....	9

HPE point of view

Hybrid cloud is the future

A digital transformation is taking place, fueled by Big Data, mobility, the Internet of Things (IoT), social media, and cloud technologies. Applications are at the heart of this transformation—and for small to midsize businesses (SMBs) to be successful, speeding time to value with the new generation of applications and data will require a hybrid cloud infrastructure. One that includes the right mix of on-premises IT and hosted cloud services that are easy to manage and deliver greater performance and security at an acceptable cost.

HPE Small Business Solutions for on-premises and hybrid cloud use cases

HPE Small Business Solutions are based on HPE ProLiant servers, powered by Intel® Xeon® processors, and preconfigured for on-premises and hybrid cloud SMB use cases. They are tested, optimized, and validated with ClearOS™, Microsoft® Windows Server®, ClearVM®, Microsoft Hyper-V®, VMware®, and Microsoft Azure® Cloud Services. They are designed to be a one-stop shop for packaged solutions including hardware, software, services, and top-selling HPE ProLiant options, ready-to-go for foundational SMB use cases.

You can easily make hybrid cloud a reality by selecting HPE Small Business Solutions for Hybrid Database with Microsoft Azure or Partner cloud services. Hybrid cloud gives you the flexibility to protect mission-critical workloads and sensitive data on-premises, while using the cloud for expanded capacity and performance as well as backup and business continuity. With HPE Small Business Solutions, you can easily adopt a modern, hybrid cloud infrastructure that is simple, affordable, and secure.

If you're facing end of support for Microsoft Windows 2008, now is the perfect time to upgrade to HPE Small Business Solutions with Microsoft Windows Server. Modernizing a legacy Windows Server 2008 environment on HPE ProLiant Gen10 Servers with a current version of Windows Server gives you added security against cybercrime, the efficiency of cost-saving technologies, and the benefits of a cloud-ready platform.

Building a solution using iQuote

iQuote is an online sales enablement program that simplifies the process of configuring, quoting, and purchasing HPE products and solutions from a single location. You can access the universal version via iquote.hpe.com or contact your preferred HPE Authorized Partner or Distributor for live pricing. All the HPE Small Business Solutions will be available in iQuote in Q2 2019.

HPE Small Business Solutions can be built in iQuote by selecting the solution model from the SMB Offers, along with use-case-specific offer elements. The solutions can be customized by adding recommended options and HPE value-added services for an optimal experience.

HPE Small Business Solutions are part of the HPE SMB Offers portfolio, which come in three key groupings to maximize choice:

- **Entry models** offer a simple server solution with the lowest cost.
- **Performance models** offer more power and features with a top-selling configuration at a competitive price.
- **Solution models** provide a powerful, integrated solution driven by workload demands.

HPE Small Business Solution offers are regionally released as “Smart Buy Express Offers” in the U.S. and Canada, “Top Value Offers” in Europe, and “Intelligent Buy Offers” in Asia Pacific and Japan.

HPE Small Business Solution Elements are regionally released as “Smart Buy Express Offer Elements” in the U.S. and Canada, “Top Value Offer Elements” in Europe, and “Intelligent Buy Offer Elements” in Asia Pacific and Japan.



Solution details

Managing, paying for, and securing IT infrastructure can be a real challenge. HPE Small Business Solutions for Multi-function and Hybrid Database are designed to meet your needs for increased security and reduced costs while greatly reducing complexity.

Secure

You need to lower risk. HPE ProLiant servers are powered by Intel Xeon processors, and feature designed-in security that protects against attacks and enables quick recovery from unplanned downtime.

- Built-in security features—such as silicon root of trust and secure lifecycle—make HPE ProLiant Gen10 the world's most secure industry-standard servers.¹
- Optional HPE Smart Array SR Secure Encryption² is a controller-based data-at-rest encryption solution for any SAS/SATA drive (except for tape drives) connected to the HPE Smart Array Controller or HPE Smart Host Bus Adapter.
- Optional HPE Defective Media Retention (DMR) from HPE Pointnext lets you keep—and control—your disk and your data in the case of a malfunction.
- Microsoft Windows Server with optional Hyper-V allows you to take advantage of Microsoft's IT innovations while reducing security risks and disruptions.
- Microsoft Azure automatically protects data at rest and in motion with a combination of Azure Storage Service Encryption and TLS/SSL, along with multiple user-enabled options for advanced protection.
- Optional Azure Services enable a robust business continuity plan with automated on-premises and cloud backups, and quick and easy restore.

Simple

It takes a lot of resources to manage diverse and legacy IT. To be productive, you need simple, automated, high-performing IT that reduces the time spent managing and maintaining systems, leaving more time for strategic activities.

- HPE Small Business Solutions are a one-stop shop for hardware and software, making them easy to deploy.
- HPE Rapid Setup Software provides a simple, guided process for installation that takes much less time and reduces the chance of error.
- HPE Integrated Lights Out (iLO) arms you with the tools to manage your servers efficiently, resolve issues quickly, and keep your business running—from anywhere in the world.
- Integrated HPE Pointnext Services help you remove complexity and respond more rapidly to business demands.
- Microsoft Windows® is a very well-known operating system, so there is a limited learning curve for employees.
- Azure SQL Server uses familiar SQL tools to accelerate app development and make maintenance easy.
- Azure Backup integrates with Azure Files, so you can easily and automatically backup and restore files.

Affordable

Resource constraints often lead SMBs to delay upgrading IT, which limits competitiveness.

- HPE Small Business Solutions make on-premises and hybrid cloud affordable and easy to consume with preferential pricing and low-price options.
- HPE offers financial tools that enable you to enjoy the benefits of modern IT and become more competitive with businesses of all sizes.
- HPE Financial Services make purchasing easy, with flexible financing options that extend the budget and allow you to enjoy the benefits of modern IT now.

¹ Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017. Because the MicroServer does not have iLO 5, silicon root of trust is not available for the MicroServer Gen10.

² HPE Secure Encryption is not supported on the HPE ProLiant MicroServer.



- HPE Subscription offers a flexible option that packages best-in-class hardware, software, accessories, and services into a predictable monthly payment.
- ClearOS is a cost-effective alternative to purchasing individual server, network, and gateway components. Plus, there are no up-front costs for the OS—pay just for the apps and subscription services you need.³ Together, HPE ProLiant Gen10 servers with ClearOS deliver up to 50% lower total cost of ownership.⁴
- Microsoft Azure Services reduce unnecessary costs with pay-as-you-go pricing.

World-class partnerships

HPE and Intel® have long been strong collaborators. The Intel technology inside HPE servers and storage—including Intel Xeon processors and Intel solid state drives (SSDs)—offers the performance, orchestration, and security features you need to better manage shared resources and modernize your data center. HPE and Intel together provide you with a range of innovations designed for optimized performance in a hybrid cloud infrastructure environment.

HPE and ClearCenter™ are partnering to offer HPE ProLiant servers with ClearOS, an open-source Linux® server OS, and ClearVM, an open-source hypervisor. Together, HPE ProLiant servers with ClearOS and ClearVM give you the simplicity and cost savings you're looking for in the cloud—with the security and availability only on-premises solutions can provide. In fact, ClearOS is a trusted and proven model with more than 400,000 current deployments worldwide.

HPE and Microsoft have worked together for over 30 years to combine our respective strengths and deliver innovative technologies, services, and support that help you transform your business. Running Microsoft Windows Server on HPE ProLiant servers allows you to take advantage of these IT innovations while further reducing security risks and disruptions.

HPE Small Business Solutions

Validated offers for SMBs, ROBOs, and SOHOs

HPE Small Business Solutions are tested, optimized, and validated to create a one-stop shop for ready-to-go packaged solutions including hardware, software, services, and top-selling HPE ProLiant options. They come in a wide range of configuration sizes to accommodate small office/home office (SOHO) customers, SMBs, and remote offices/branch offices (ROBOs) with support for 1 to more than 250 employees.

On-premises: HPE Small Business Solutions with ClearOS or Microsoft Windows Server

The combination of HPE ProLiant servers and ClearOS or Microsoft Windows Server creates a portfolio of simple, secure, and affordable solutions that are ideal for a variety of foundational SMB use cases.

HPE Small Business Solutions for Multi-function

- **Add everything up to success with a single server that can run multiple functions.** HPE Small Business Solutions for Multi-function start with an HPE ProLiant server that operates as a central repository for your documents, images, contacts, and other important files, making it easy for employees to share and collaborate. If you choose ClearOS for your operating system, it can also provide multiple gateway, network, and cloud functions. If you opt for Microsoft Windows Server, you can run your networking infrastructure (Active Directory, DNS, and DHCP) and still have room for virtualizing applications⁵ with Microsoft Hyper-V.

Hybrid cloud: HPE Small Business Solutions with Microsoft Azure or Partner Cloud Services

With optional Microsoft Azure Services, you can easily build a hybrid cloud solution on top of your on-premises HPE Small Business Solution for Multi-function with Microsoft Windows Server.

³ ClearOS Marketplace apps are optional and may be fee-based. Refer to the [ClearOS Marketplace](#) for details.

⁴ HPE case study, "Business model in a box," September 2017.

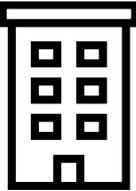
⁵ Depending on workloads.



HPE Small Business Solutions for Hybrid Database

- Flex your database.** HPE Small Business Solutions for Hybrid Database are built on the on-premises multi-function solution with Microsoft Windows Server, offering the same ability to improve employee collaboration, reduce IT costs, and do more with less by running multiple functions on a single HPE ProLiant server. With the addition of Microsoft Azure Services, you can create a hybrid cloud database solution to support growing application needs more flexibly. Using an HPE Small Business Solution for Multi-function as the on-premises server, you can then access Microsoft Azure SQL Database in the cloud with a flexible platform-as-a-service model that lets you scale as needed to keep pace with application demands. Combining Azure Files and Azure Backup helps you keep your database available and protected with a robust business continuity plan that backs up data in the cloud and on-premises. And data is encrypted at rest and in motion for security and compliance.

Workloads



Multi-function
Increases employee productivity with the ability to run multiple apps for communication, collaboration, and email.

Hybrid database
Provides a flexible cloud platform-as-a-service model that lets you scale your database as needed to keep pace with application demands.

Figure 1. SMB workloads

Build your solution

Step 1: Size your solution

HPE Small Business Solutions for Multi-function and Hybrid Database are sized by the number of employees. The following chart shows the available configurations, with guidance on which base configuration to select based on the number of users you need to support.

HPE Small Business Solutions for Multi-function and Hybrid Database portfolio sizing matrix

Server used for base configuration	Users supported
HPE ProLiant DL385 Gen10	250+
HPE ProLiant DL380 Gen10	250+
HPE ProLiant ML350 Gen10	250+
HPE ProLiant DL360 Gen10	101-250
HPE ProLiant DL325 Gen10	101-250
HPE ProLiant ML110 Gen10	101-250
HPE ProLiant ML30 Gen10	1-100

Step 2: Choose the right configuration and recommended options

Select the solution offer and elements for your business outcome and sizing needs

HPE Small Business Solutions consist of a base system plus offer elements. These combinations are the foundation for special pricing and are the starting point for building your solution configuration. After selecting the appropriate Small Business Solution configuration for your business outcome and sizing requirements, you may also wish to expand its capabilities by adding recommended options.

The configurations for HPE Small Business Solutions were designed for cost-effectiveness and structured as building blocks for easy expandability. They are equipped with HPE SSDs for fast OS boot and for more demanding applications. Redundant SSDs are included for OS mirroring. SAS drives provide faster data transfers for better performance and low latency, and can be used for storage when database deployment on a VM guest is expected. Multiple drives are configured in hardware RAID for increased availability and data protection. And most HPE Small Business Solutions are equipped, or can be equipped, with redundant power supplies for additional availability protection.

Small Business Solutions plus recommended options provide an optimum configuration for the designated number of users in each use case and can scale up as needs grow, depending on the workload. To scale up, add optional storage and/or memory to support more users or more resource-intensive applications. A second processor can be added to the ProLiant ML350, DL360, DL380, and DL385 Gen10 Servers.



HPE Small Business Solutions for Multi-function

HPE Small Business Solutions for Multi-function and Hybrid Database are designed to perform most, if not all, of the traditional functions of a typical small business server in a single server.

Microsoft-based configurations are equipped with sufficient CPU, memory, and storage resources to provide Windows networking, file and print services, limited Hyper-V virtualization services, and even a small business application such as a database, up to the stated solution capacity. They can be expanded as needed for increased workloads.

ClearOS-based configurations are equipped with sufficient CPU, memory, and storage resources to provide multiple gateway, network, and cloud functions. They can be expanded as needed for increased workloads.

Operating system and storage considerations

Windows Server or ClearOS are intended to be installed on the dual SSDs, which should be configured as a RAID 1 array to protect against the failure of one disk. The remaining HDDs should be configured as a RAID 5 array for protection against loss of a drive. In some cases, more storage can be added to expand capacity as your needs grow.

Base system plus offer elements

	ML30 Gen10	ML110 Gen10	DL325 Gen10	DL360 Gen10	ML350 Gen10	DL380 Gen10	DL385 Gen10
Offer base SKU	P06793-xxx	P03687-xxx	P04649-xxx	P05520-xxx	P04674-xxx	P05524-xxx	P05887-xxx
Solution capacity	1–100 users	101–250 users	101–250 users	101–250 users	250+ users	250+ users	250+ users
System	4U tower 8 x SFF hot plug bays	4.5U tower 8 x SFF hot plug bays	1U rack 8 x SFF hot plug bays	1U rack 8 x SFF hot plug bays	4U tower 8 x SFF hot plug bays	2U rack 8 x SFF hot plug bays	2U rack 8 x SFF hot plug bays
Processor	1 x Intel E-2134 (4 core)	1 x Intel Silver 4110 (8 core)	1 x AMD EPYC™ 7251 (8 core)	1 x Intel Silver 4110 (8 core)	1 x Intel Silver 4110 (8 core)	1 x Intel Silver 4110 (8 core)	1 x AMD EPYC 7251 (8 core)
Memory	2 x 16 GB PC4-2666	4 x 16 GB PC4-2666	2 x 16 GB PC4-2666	2 x 16 GB PC4-2666	4 x 16 GB PC4-2666	2 x 16 GB PC4-2666	2 x 16 GB PC4-2666
HDDs	3 x 1.2 TB 12G 10K SAS	4 x 1.2 TB 12G 10K SAS	6 x 1.2 TB 12G 10K SAS	6 x 1.2 TB 12G 10K SAS	6 x 1.2 TB 12G 10K SAS	6 x 1.2 TB 12G 10K SAS	6 x 1.2 TB 12G 10K SAS
SSDs	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA	2 x 240 GB 6G read-intensive SATA
Disk controller	HPE Smart Array E208i-p Gen10	HPE Smart Array P408i-p Gen10	HPE Smart Array P408i-p Gen10	HPE Smart Array P408i-p Gen10	HPE Smart Array E208i-a Gen10	HPE Smart Array P408i-a Gen10	HPE Smart Array P408i-a Gen10
Network	2 x ports at 1GbE	2 x ports at 1GbE	4 x ports at 1GbE	4 x ports at 1GbE	4 x ports at 1GbE	4 x ports at 1GbE	4 x ports at 1GbE
Power supply	1 x 500W	2 x 800W	2 x 500W	2 x 500W	2 x 800W	2 x 500W	2 x 500W
Software*	ClearOS Silver subscription, ClearOS Marketplace apps or Microsoft Windows Server Standard						
	HPE iLO Advanced	HPE iLO Advanced	HPE iLO Advanced Premium				

Notes: These configurations represent the solution offers and recommended options.

* HPE Small Business Solutions come with HPE Rapid Setup Software in a USB that has a ClearOS boot image preloaded. ClearOS Marketplace apps are optional and may be fee-based. Refer to the [ClearOS Marketplace](#) for details. ClearOS subscriptions can be purchased from either ClearCenter or HPE; all ClearOS software support is delivered by ClearCenter. To install Microsoft Windows Server, select "Go to Boot Menu" and boot from Windows media.

Microsoft features

- Windows Network Infrastructure (Windows Server Roles—Active Directory, DNS, DHCP, etc.)
- File and Storage (Windows Server Role)
- Hyper-V (Windows Server Role)



ClearOS applications⁶

Recommended apps

Multi-function apps:

[HTTP Web Server](#)

[Database Server \(MariaDB\)](#)

[Roundcube Webmail](#)

[SMTP Server](#)

[IMAP and POP Server](#)

Security gateway apps:

- [1-to-1 NAT](#)
- [Antimalware Rules](#)
- [Application Filter](#)
- [Attack Detector](#)
- [Bandwidth and QoS Manager](#)
- [DHCP Server](#)
- [DNS Server](#)
- [DMZ](#)
- [Dynamic VPN](#)
- [Gateway Antiphishing](#)
- [Gateway Antivirus](#)
- [Gateway Management Business](#)
- [Intrusion Detection System](#)
- [Intrusion Prevention System](#)
- [Multi-WAN](#)
- [OpenVPN](#)
- [Protocol Filter](#)
- [Web Content Filtering System](#)

Storage and backup apps:

[Windows Networks \(Samba\)](#)

[FTP Server](#)

[Flexshare](#)

[Software RAID Monitor](#)

[BackupPC](#)

[Plex Media Server](#) or [Serviio Media Server](#)

[Web Server](#)

[Photo Organizer](#)

Possible add-ons

Multi-function apps:

[Google™ Apps Account Sync](#)

[Microsoft Active Directory Connector](#)

[Remote Data Backup](#)

[Gateway Management Business](#)

[Kopano Basic](#)

Storage and backup apps:

[ownCloud for Business](#)

[Remote Data Backup](#)

Note:

For quick and easy install, consider creating a [Quick Select File](#), which is designed to efficiently install selected apps and packages during ClearOS installation for a particular use case. It is ideal for managed service providers (MSPs) who build the same solution for multiple customers and want to save installation and setup time. A Quick Select File will be made available for each HPE Small Business Solution.

⁶ Most of the recommended apps listed are free; check the [ClearOS Marketplace](#) for details.



HPE Small Business Solutions for Hybrid Database

Start with the hardware configuration and follow the considerations as outlined in the section on HPE Small Business Solutions for Multi-function with Microsoft Windows Server. The additional Microsoft Azure services that make up the hybrid cloud solution are:

- **Azure SQL Database** is a general-purpose, relational database managed service in Microsoft Azure. SQL Database delivers predictable performance with multiple resource types, service tiers, and compute sizes that provides dynamic scalability with no downtime, built-in intelligent optimization, global scalability and availability, and advanced security options—all with near-zero administration.
- **Azure Backup** can be used to back up and restore data in the Microsoft cloud. Azure Backup replaces existing on-premises or off-site backup solutions with a cloud-based solution that is reliable, secure, and cost-competitive. Azure Backup automatically allocates and manages backup storage with a pay-as-you-go model, so you only pay for the storage that you consume. In addition, Azure Backup uses the underlying power and unlimited scale of the Azure cloud to deliver high-availability with no maintenance or monitoring overhead.
- **Azure Files** offers fully managed file shares in the cloud that are accessible via the industry-standard server message block (SMB) protocol. Azure file shares can be mounted concurrently by cloud or on-premises deployments of Windows, Linux, and macOS®.
- **Azure File Sync** centralizes file shares in Azure Files, while keeping the flexibility, performance, and compatibility of an on-premises file server. Azure File Sync transforms Windows Server machines into a quick cache of your Azure file share. You can use any protocol that's available on Windows Server to access your data locally, including Server Message Block, Network File System (NFS), and File Transfer Protocol Service (FTPS). You can have as many caches as you need across the world.
- **Azure Storage Service Encryption** for data at rest helps protect data to meet organizational security and compliance commitments. With this feature, the Azure storage platform automatically encrypts data before persisting it to Azure Files and decrypts the data before retrieval. All data written to the Azure storage platform is encrypted through 256-bit AES encryption, one of the strongest block ciphers available.

With HPE Small Business Solution for Hybrid Database, you can use Azure File Sync to replicate the on-premise database files to Azure SQL Database, and Azure Backup Services can be set up to provide full backup and restore capabilities between the on-premises HPE ProLiant server and Microsoft Azure. Finally, all storage can be encrypted using HPE Secure Encryption on-premises and Azure Storage Service Encryption in the cloud for enhanced security.

Step 3: Don't forget services

HPE Pointnext Services

A services partner built for your business today and tomorrow, HPE Pointnext Services enable you to meet availability commitments with a variety of coverage levels and response times, and easily connect to HPE for faster problem resolution. HPE Pointnext offers comprehensive hardware and software services to help increase the availability of IT infrastructure and extend in-house IT staff with HPE expertise. You can do more with less by leveraging service tools with built-in simplification and remote management tools.

Service offerings include:

- HPE Foundation Care
- HPE Proactive Care
- HPE Proactive Care Advanced
- HPE Installation and Deployment Services

Note

HPE recommends Foundation Care 24x7 as the minimum recommended service level for HPE Small Business Solutions.



Step 4: Consider a quote for a flexible monthly payment option

HPE Financial Services

Purchasing new IT and upgrading it in three or four years can be financially daunting. HPE is offering a better way for you to acquire and pay for the IT infrastructure you need, from options to pay monthly, to solutions that make it easier to scale or upgrade.

HPE Subscription Services allow SMBs to select a complete solution from predefined options that include best-in-class compute, storage, and networking hardware; software; accessories; and worry-free support services for a predictable monthly subscription fee. No large, up-front purchase to make—just subscribe, use, return, and renew. No worries about what to do with old equipment. Need to expand? Simply add more subscriptions. HPE channel partners can offer hardware, software, and support services in a single solution and deliver it in one simplified subscription contract.

HPE's Technology Refresh program replaces ownership with predictable monthly or quarterly payments and provides for a shorter, routine refresh cycle every 24 to 48 months. SMBs don't have to be locked into holding onto aging IT equipment and delaying upgrades. With HPE Technology Refresh, SMBs can have the IT they need to meet business goals and pay overtime to conserve cash, saving 10% to 15% over three or four years.

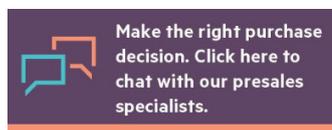
Simple, secure, affordable

HPE Small Business Solutions lower the cost of accessing easy-to-use, on-premises, and hybrid cloud solutions without sacrificing security. To learn more about HPE Small Business Solutions, visit the resources included in this document, or contact your HPE or authorized Partner representative. Find a reseller close to you at findapartner.hpe.com/.

Resources

- Solution brief:
 - [HPE Small Business Solutions for Multi-function](#)
- [Microsoft Windows Server ROK](#)
- [ProLiant Server QuickSpecs](#)
- [ProLiant Server Options](#)
- [IT Support Services](#)
- [Get connected](#)
- [iQuote](#)

Learn more at
hpe.com/info/smb/servers



 **Share now**

 **Get updates**

© Copyright 2018 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

AMD is a trademark of Advanced Micro Devices, Inc. Google is a registered trademark of Google Inc. Intel, Intel Xeon, and the Intel logo are trademarks of Intel Corporation in the U.S. and other countries. Windows, Windows Server, and Microsoft are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Linux is the registered trademark of Linus Torvalds in the U.S. and other countries. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions. ClearCenter and ClearOS are either registered trademarks or trademarks of ClearCenter Corporation in the United States and/or other countries. All other third-party marks are property of their respective owners.