QuickSpecs

Overview

Micro Focus Data Protector Software

With cyber threats escalating, the need for privacy and compliance requirements are mounting. Micro Focus Data Protector is an enterprise-class data protection software which helps meet your compliance needs and is designed to simplify and optimize backup and recovery for diverse, dynamic, distributed heterogeneous IT environments.

With Data Protector you have the ability to protect data residing in heterogeneous, geographically distributed data centers, on premise local stores, and multi-cloud environments. This enables the central IT organization to offer seamless protection and disaster recovery strategies, while mitigating application and service outage or downtime due to data loss. These capabilities help organizations address security, compliance and governance requirements.

Data Protector is a core-to-edge data protection solution that standardizes and consolidates backup processes, allowing enterprises to reduce cost and complexity of their backup operations while delivering improved reliability and business resiliency. By standardizing the protection of data spread across locations, applications, formats, storage platforms, operating systems, and hypervisors, Data Protector backup software provides business assurance needed by today's data-driven enterprise. When combined with its companion products in the HPE Adaptive Backup and Recovery Suite, Data Protector becomes a solution that allows to adapt and optimize your environment at all phases of the data protection cycle in order to meet your operational and business goals.

Key product features

Standardized protection: A unified and scalable architecture enables centralized management across physical and virtualized environments, disparate OSs, and business applications from core data centers to remote sites.

Application-consistent recovery: Leading business application integrations extend backup, automated point-in-time recovery, and granular restores to application owners enabling them to manage, drive, and service their own requirements.

Advanced virtual server protection: Hypervisor integrations and support offer virtual machine protection inheritance, tiered recovery options, process automation, analytics, and visualization for virtual environments.

Storage integrations: With compression, federated deduplication, storage management, and analytics, organizations achieve increased scalability and cost-efficiency, and better utilization of the IT infrastructure.

Cloud as storage tier: Native integrations or via a gateway offer a scalable, cost-efficient (pay-as-you grow) capacity expansion for enhanced IT agility with reduced administration overhead.

Automated DR: Centralized bare-metal recovery from physical to physical, physical to virtual, virtual to virtual, and virtual to physical from any backup set at no additional cost.

Information retention: Automated retention and replication management across different backup media, storage tiers, and locations for compliance and efficient long-term data retention.

Adaptive Backup and Recovery: A foundation of an adaptive approach to manage and protect data at each phase of the data protection cycle when coupled with Micro Focus Data Backup Navigator.

Hewlett Packard Enterprise

Overview

What's new in Micro Focus Data Protector 2019.02 (10.30)

Micro Focus Data Protector 2019.02 release includes enhancements for the integrated reporting module, platform integrations along with virtualization enhancements.

- Advanced Reporting and Analytics – Enhanced integrated reporting provides deeper insights into the Data Protector Environment by providing reports related to health assessment, Deduplication rates, objects that are not backed up, and more. This release also provides support for Manager of Managers.
- Platform integration - Zero Downtime Backup (ZDB) for Netpp C-mode with ONTAP 9.x enables Data Protector to leverage array-based snapshot to backup filesystems, SQL, VMware and Oracle providing fast and efficient backups. Support for MySQL 8 enables Data Protector to backup and recover the latest MySQL version.
- Virtualization enhancements – Support for KVM Hypervisor allows backup and restore of VMs configured on a KVM hypervisor. This scripted solution is downloadable from the Micro Focus marketplace. Data Protector Express now supports filesystem backup and disaster recovery thus improving protection for Cell Managers

Micro Focus Backup Navigator

Micro Focus Backup Navigator is a highly interactive and intuitive analytics, reporting and monitoring application that combines visualization and real-time backup analytics to simplify and optimize the backup and recovery experience for Data Protector environments.

- **Intelligent dashboards** – Gain valuable insights into the key performance indicators of the backup and recovery process from interactive and customizable dashboard reports.
- **Real-Time predictive analytics** - Gain visual foresight into the backup and recovery process based on daily use, along with trending and forecasting algorithms to reveal future performance and capacity gaps and requirements .
- **Rapid root-cause analysis and problem solving** - Proactively detect and address potential resource conflicts and systematic/systemic issues before they cascade into outages and data loss that negatively impact business operations.
- **Collaboration and cross-system support** - Automate the report creation process, allowing them to be scheduled and shared within the organization, or securely isolated and made available to external customers relying on the service.
- **Flexible reporting** – Customize and tailor   reports to match the specific needs of the operator, organization, or customer, relying on the details for decision-making and taking appropriate action.
- **What-if" scenario evaluation** - Get intelligent insights into   backup and recovery operations before new datasets are included , i.e. whether or not service-level agreements remain achievable, the impacts to the backup infrastructure, and the best ways to balance the demands of new datasets within the existing infrastructure.

What's new in Micro Focus Backup Navigator 2019.02

- Support for the latest version of Data Protector version 10.30.
- Enhanced user experience with animation on graphical reports, better table responsiveness along with serviceability improvements

Micro Focus Data Protector Management Pack

Micro Focus Data Protector Management Pack 9.0 enable real-time intelligent monitoring, analysis, isolation, remediation and reporting solution for Micro Focus Data Protector environments. IT administrators can always be up-to-date by continually monitoring the health and state of each component of the backup infrastructure. Data Protector Management Pack is offered as an extension for Microsoft Systems Center Operations Manager. These products provide the following benefits:

- **Real-time discovery, visualization and utilization analysis -** proactively monitor, cross-correlate, and auto-detect issues that impact backup and recovery operations in heterogeneous virtualized and physical infrastructures
- **Instant diagnostics and actionable insight –** separates cause from effect and dramatically accelerates diagnosis in simple or complex backup infrastructures providing actionable information by pinpointing the real root cause of data protection problems more quickly and accurately
- **Context-sensitive issue isolation with assistive remediation** – configurable alerting for correlated events, sustained conditions and escalations enabling the IT staff to remain abreast of critical issues in the backup and recovery infrastructure with assistive troubleshooting
- **Collaboration and cross-system support** - automate the report creation process, allowing them to be scheduled and shared within the organization, or securely isolated and made available to external customers relying on the backup and recovery service.

Overview

- **Flexible visualization and reporting** – intelligent insights can be presented graphically and tailored to the needs of the IT administrator enabling them to discover ways to improve utilization, identify unused components to better load balance workloads, identify whether service-level agreements remain achievable, and visualize the precise information needed to enable proactive decision making and taking the most appropriate action **Manage and control backup and recovery operations** – context-sensitive orchestration of the Micro Focus Data Protector backup and recovery technology stack (backup target(s)-to-cells-to-cell managers-to-backup agents) and control over the actions that can be taken on each to achieve a well-defined and fully optimized data protection posture

A new version of the Data Protector Management Pack 10.0 is available and adds support for Data Protector 10.0 and Cell Cluster Environment, in addition support for Microsoft Systems Center Operations Manager (SCOM) 2016 will be available with this release.

Licenses, Services and Warranties

Distribution Media   DVD (physical), download (electronic)

Documentation

For older Data Protector software versions which are lower than DP 10.03, Data Protector software manuals are available in PDF format. Install the PDF files during the Data Protector software setup procedure by selecting the English Documentation (Guides, Help) component on Windows or the OB2-DOCS component on UNIX. Once installed, the manuals reside in the <Data_Protector_home>\docs directory on Windows and in the /opt/omni/doc/C/ directory on UNIX. Data Protector software support matrices can be found at the above mentioned locations in the support_matrices sub-directory. You can also find the manuals in PDF format at **https://docs.microfocus.com/?DP**

Documentation

The Micro Focus Data Protector documentation set consists of the following guides:

Micro Focus Data Protector Getting Started Guide

This guide provides an overview of the basic Data Protector functionality and is designed to help you get started with the product

Micro Focus Data Protector Concepts Guide

This guide describes Data Protector concepts and provides background information on how Data Protector works. It is intended to be used with the task-oriented online Help.

Micro Focus Data Protector Installation and Licensing Guide

This guide describes how to install the Data Protector software, taking into account the operating system and architecture of your environment. This guide also gives details on how to upgrade Data Protector, as well as how to obtain the proper licenses for your environment.

Micro Focus Data Protector Troubleshooting Guide

This guide describes how to troubleshoot problems you may encounter when using Data Protector.

Micro Focus Data Protector Disaster Recovery Guide

This guide describes how to plan, prepare for, test, and perform a disaster recovery.

Micro Focus Data Protector Integration Guides

These guides describe how to configure and use Data Protector to back up and restore various databases and applications. They are intended for backup administrators or operators. There are six guides:

- **Micro Focus Data Protector Integration Guide for Microsoft Applications: SQL Server, SharePoint Server, and Exchange Server**
  This guide describes the integrations of Data Protector with the following Microsoft applications: Microsoft SQL Server, Microsoft SharePoint Server, and Microsoft Exchange Server.
- **Micro Focus Data Protector Integration Guide for Oracle and SAP**
  This guide describes the integrations of Data Protector with Oracle Server, SAP R/3, and SAP MaxDB.
- **Micro Focus Data Protector Integration Guide for IBM Applications: Informix, DB2, and Lotus Notes/Domino**
  This guide describes the integrations of Data Protector with the following IBM applications: Informix Server, IBM DB2 UDB, and Lotus Notes/Domino Server.
- **Micro Focus Data Protector Integration Guide for Sybase, Network Node Manager, and Network Data Management Protocol Server**
  This guide describes the integrations of Data Protector with Sybase Server, HPE Network Node Manager, and Network Data Management Protocol Server.
- **Micro Focus Data Protector Integration Guide for Virtualization Environments**
  This guide describes the integrations of Data Protector with virtualization environments: VMware Virtual Infrastructure and VMware vSphere, Microsoft Hyper-V, and Citrix XenServer.

Licenses, Services and Warranties

- **Micro Focus Data Protector Integration Guide for Microsoft Volume Shadow Copy Service**
  This guide describes the integration of Data Protector with the Microsoft Volume Shadow Copy Service. This guide also documents application writer specifics.

Micro Focus Data Protector Zero Downtime Backup Concepts Guide
This guide describes Micro Focus Data Protector zero downtime backup and instant recovery concepts and provides background information on how Micro Focus Data Protector works in a zero downtime backup environment. It is intended to be used with the task-oriented Micro Focus Data Protector Zero Downtime Backup Administrator's Guide and the Micro Focus Data Protector Zero Downtime Backup Integration Guide.

Micro Focus Data Protector Zero Downtime Backup Administrator's Guide
This guide describes how to configure and use the integration of Micro Focus Data Protector with HPE P6000 EVA Disk Array Family, HPE P9000 XP Disk Array Family, HPE P4000 SAN Solutions, NetApp and EMC Symmetrix Remote Data Facility and TimeFinder. It is intended for backup administrators or operators. It covers the zero downtime backup, instant recovery, and the restore of file systems and disk images.

Micro Focus Data Protector Zero Downtime Backup Integration Guide
This guide describes how to configure and use Micro Focus Data Protector to perform zero downtime backup, instant recovery, and standard restore of Oracle Server, SAP R/3, Microsoft Exchange Server, and Microsoft SQL Server databases.
Micro Focus Data Protector Integration Guide
This guide describes how to configure and use the following:

- IBM Informix Server integration, IBM DB2 UDB integration, and IBM Lotus Notes/Domino Server integration.
- Microsoft SQL server integration, Microsoft SQL Server 2007/2010/2013 integration, Microsoft SharePoint Server VSS based solution, Microsoft Exchange Server 2007 integration, Microsoft Exchange Server 2010 integration, and Microsoft Exchange Single Mailbox integration.
- Oracle Server integration, SAP R/3 integration, SAP MaxDB integration, and SAP HANA Appliance integration. l
- Sybase Server integration, Network Data Management Protocol Server integration, and NetApp SnapManager solution.
- VMware - Virtual Environment integration and Microsoft Hyper-V - Virtual Environment integration.

Micro Focus Data Protector Product Announcements, Software Notes, and References
This guide gives a description of new features of the latest release of Micro Focus Data Protector software. It also provides information on installation requirements, required patches, and limitations, as well as known issues and workarounds.
Micro Focus Data Protector Command Line Interface Reference
This guide describes the Data Protector command-line interface, command options and their usage as well as providing some basic command-line examples.
Support Matrices
For a detailed list of application platforms, hardware, operating systems supported please refer to the Micro Focus Data Protector matrices located at the **https://docs.microfocus.com/?DP**

Licenses, Services and Warranties

Software Licensing

Micro Focus Data Protector supports 2 licensing schemes:
- Traditional licensing based on features and backup targets - available for all versions of Micro Focus Data Protector software
- Capacity Based Licensing - available with Micro Focus Data Protector 7.01 and above

Traditional Licensing

Micro Focus Data Protector supports essentially three different backup targets (snapshot, disk and tape). Depending on which one used, you would license one or all targets as they also can be combined. In addition you can control the performance of the backup by parallelizing use of targets. The product structure is modular and offers a lot of flexibility. You can order the license that provides the Micro Focus Data Protector software functionality, which best meets the specific requirements of your environment.

Micro Focus Data Protector software product structure and licensing consists of three main categories:
- The Starter Packs: A management server (Cell Manager) is supported on HP-UX, Windows and Linux.
- Backup targets such as:
    - Tape drive licenses, referred to as Drive Extensions
    - Advanced Backup to Disk, licensed by capacity and
    - Zero Downtime Backup, licensed by capacity
- Micro Focus Data Protector Functional Extensions: The functional extensions licenses are required once per instance (system, library and terabyte) for on-line backup of databases and applications, the Manager-of-Managers functionality, for libraries with more than 60 media slots, encryption, Instant Recovery, NDMP, Granular Recovery Extension. The Starter Pack and Drive extensions and Library extensions passwords are bound to the Cell Manager and are valid for the entire Data Protector cell. Clients do not require any license for file system or disk image backups. Licenses of the Functional Extensions category either apply only to a specific client that is protected or cover the entire cell, depending on the license type.

NOTE: The UNIX product licenses operate on the UNIX, Windows and Linux platforms, providing the functionality regardless of the platform, while the Windows product licenses operate on the Windows and Linux platforms only. Passwords are bound to the Cell Manager and are valid for the entire Data Protector cell. Clients do not require any license for file system or disk image backups.

Capacity Based Licensing

The Data Protector Capacity Based License (CBL) product structure is based on the volume of primary data protected by Micro Focus Data Protector. The capacity is measured in "Front End Terabytes" or Front End TB. The total amount of Front End Terabytes is defined as the aggregate amount of source data being backed up from all systems. Per system it is measured as the largest full backup. That is, the total amount of source data backed up. The licensing in this product structure is perpetual and covers existing or new infrastructure and applications. For additional detail please refer to the Micro Focus Data Protector Capacity Based Licensing section later in this document.

The following features are included in the Micro Focus Data Protector Capacity Based License:
- Cell Managers & Manager of Managers
- Tape Drives and Libraries
- Online Backup & Granular Recovery Extensions
- Zero Downtime Backup & Instant Recovery for HPE and non-HPE arrays
- Advanced Backup to Disk & NDMP
- Extended Online Backup

    In addition to the Data Protector Capacity Based License (CBL) product structure, one new license was introduced called the Adaptive Backup and Recovery (ABR) Suite Premium Edition.

    The ABR Suite Premium Edition includes the Data Protector Capacity Based License and Backup Navigator capacity based license.

The complementary products that are also sold separately are:
- Software encryption (Starting with Data Protector 10.10 encryption is part of the capacity-based license)
- Micro Focus Backup Navigator
- Data Protector Management Pack

Licenses, Services and Warranties

NOTE: Traditional and Capacity product structures can be utilized by the same customer but they cannot be combined on the same Cell Manager or MoM environment. The complementary products listed are the exception to this as these license can be combined with both Data Protector Traditional and Capacity Based Licensing methods. Migration from traditional product structure to capacity based product structure is supported – please contact your authorized Hewlett Packard Enterprise sales representative for details. Both licensing models are valid for any size of environment.

Software Support
Support for Data Protector, Backup Navigator, Storage Optimizer and ABR Suites will be provided by Micro Focus Software Support.
NOTE: 1 year 24x7 support is bundled with the software license and included in the list price.
Additional 2 year support SKUs are available and can be purchased along with the 1 year license and support SKU.
Micro Focus Foundation Care 24x7 Service
Micro Focus Foundation Care 24x7 connects you to Micro Focus 24 hours a day, seven days a week for assistance on resolving issues. For more information on these support offerings, please see: **Software Support Offerings**

Services: Scalable, Flexible and Reliable
The Micro Focus QuickStart Services provide customers with improved speed and confidence in IT infrastructure deployment, and prepare their IT staff and processes for operational success. These services are a suite of scalable, clearly defined service engagements that provide product and solution deployment consistent with HPE specifications. QuickStart Services help ensure a successful implementation, improve the productivity of your technical staff and allow your IT resources to stay focused on their core tasks and business priorities.

For more information contact your Micro Focus sales representative or authorized business partner.

Education
Micro Focus Education is a well-established training department that strives at all times to deliver the best possible learning experience. With a team of experienced trainers and subject matter experts from around the world, our department offers you well designed training courses that range from Infrastructure Technologies, Pan-Enterprise Search, eDiscovery, Content Management, Customer Interactions through to Business Process Management, Records Management and eCommerce.

To learn more about Micro Focus Education training offerings, including course detail, please visit
https://software.microfocus.com/en-us/software/enterprise-software-education-services

Configuration Information

Traditional Licensing

Step 1 - Starter Packs
Product Name Micro Focus Data Protector Starter Packs

	Description	Part Number
	License Only	
E-Delivery	Micro Focus Data Protector Starter Pack HP-UX 1yr 7x24 Support E-LTU	Q2M75AAE
E-Delivery	Micro Focus Data Protector Starter Pack Windows 1yr 7x24 Support E-LTU	Q2M74AAE
E-Delivery	Micro Focus Data Protector Starter Pack Linux 1yr 7x24 Support E-LTU	Q2M76AAE
E-Delivery	Micro Focus Data Protector French Software E-Media	Q2L90AAE
E-Delivery	Micro Focus Data Protector Japanese Software E-Media	Q2L91AAE
E-Delivery	Micro Focus Data Protector Simplified Chinese Software E-Media	Q2L92AAE

NOTE: Please, make sure that latest patches are applied, in order to have access to the latest functionality and level of localization. Patches can be found at **Software License and Downloads Portal**

The Starter Pack license is the foundation of a Data Protector backup environment and is required in all installations. It includes the license-to-use (LTU) for:
- one management server (cell manager) on the specified platform
- unlimited number of backup clients (agents) on any platform
- one drive license (Q2M75AAE contains 1xQ2M79AAE, and Q2M76AAE contains 1xQ2M78AAE)
- built in media management
- libraries up to 60 slots
- System Disaster Recovery options
- sophisticated reporting (in Data Protector GUI and via the web)
- Service-centric management through integrations into HPE software. This license is obligatory.

Individual licenses are required for additional drives and additional functionality All UNIX Starter Pack licenses can also be used as a substitute for a Windows, and or Linux Starter Pack.

All UNIX Licenses-To-Use (LTU) can be used for Microsoft Windows, Linux systems if applicable

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Step 2 - Drive and Library Extensions
Micro Focus Data Protector Backup Drive

	Description	Part Number
E-Delivery	Micro Focus Data Protector Drive Extension UNIX/NAS/SAN 1yr 7x24 Support E-LTU	Q2M79AAE

Micro Focus Data Protector Backup Drive

	Description	Part Number
E-Delivery	Micro Focus Data Protector Drive Extension Windows/NetWare/Linux 1yr 7x24 Support E-LTU	Q2M78AAE

Configuration Information

For SAN, UNIX, NAS:
Includes the license-to-use (LTU) for one drive, directly attached to a UNIX, OpenVMS system, a NAS device or used in a SAN.

A drive can be a tape drive, a file device, or Magneto Optical drive.
At any given moment, you need as many licenses as there are drives in use for any operation, such as formatting, backup, media and object copying, media and object verifying, object mirroring, scanning, and disaster recovery. To allow all drives to be used simultaneously, you need as many licenses as there are configured drives. For example, in an object copy operation, all devices used require licenses, including the source and target backup devices. Licenses are not required for restore.
- Drive licenses cannot be shared between multiple Cells.
- This license can also be used as a substitute for the Windows, NetWare, and Linux license. However, if the drive is not used in a SAN, it is more affordable to use B6963AA.
- This license is required for NAS systems managed via NDMP (for example Network Appliance Filers and EMC Celerra File Servers), or NAS systems requiring a Data Protector proprietary Device Server (Media Agent), (for example HPE NAS 8000). NAS systems powered by Windows, NetWare, or standard Linux, which can run a standard Data Protector Device Server (Media Agent), require only the Data Protector drive extensions for Windows, NetWare, Linux (Q2M78AAE)

For Windows, NetWare, Linux:
Includes the license-to-use (LTU) for one drive directly attached to a Windows, NetWare, or Linux (Intel) system. A drive can be a tape drive, a file device), or Magneto Optical drive.
At any given moment, you need as many licenses as there are drives in use for any operation, such as formatting, backup, media and object copying, media and object verifying, object mirroring, scanning, and disaster recovery. To allow all drives to be used simultaneously, you need as many licenses as there are configured drives. For example, in an object copy operation, all devices used require licenses, including the source and target backup devices. Licenses are not required for restore.
- Drive licenses cannot be shared between multiple Cells.
- In case that multiple systems access the drive in a SAN, the drive extension for UNIX, NAS, SAN (Q2M79AAE) is required. A Fiber Channel point-to-point connection is not considered a SAN.
- This license is valid for drives attached to NAS devices powered by Windows, NetWare or Linux, which can run a standard Data Protector Device Server (Media Agent).
For supported drives please refer to the Data Protector support matrixes at the following web link: **https://docs.microfocus.com/?DP**

Micro Focus Data Protector Library extension

Description	Part Number E-Delivery
E-Delivery Micro Focus Data Protector 61-250 Slots Library 1yr 7x24 Support E-LTU	Q2M80AAE
E-Delivery Micro Focus Data Protector Unlimited Slots Library 1yr 7x24 Support E-LTU	Q2M81AAE
E-Delivery Micro Focus Data Protector Upgrade to Unlimited Slot Library 1yr 7x24 Support E-LTU	Q2M82AAE

Includes the license-to-use (LTU) for managing tape libraries with the number of physically available slots within one Data Protector Cell. Required once per library.
- STK silos using ACSLS and GRAU/EMASS library systems using DAS require the unlimited slots license.
- This license is based on the physical slots inside the library, not logical slots. For example Data Protector allows partitioning a physical 120 slots library into two logical 60 slots libraries. Still one 61 - 250 slots library extension is required
- Libraries with the capability to create virtual partitions also require the license based on the number of physically available slots once per physical library.
- In case of library sharing between multiple Cells, the Manager-of-Managers LTU is required for each Cell to license the library across all Cells with one license. Otherwise, one license is required for each Cell.
- For supported libraries please refer to the Data Protector support matrixes under: **https://docs.microfocus.com/?DP**

Configuration Information

Step 3 - Functional Extensions
Micro Focus Data Protector On-line extension

Description	Part Number E-Delivery
E-Delivery Micro Focus Data Protector Online Backup for UNIX 1yr 7x24 Support E-LTU	Q2M88AAE
E-Delivery Micro Focus Data Protector Online Backup for Windows 1yr 7x24 Support E-LTU	Q2M86AAE

Includes the license-to-use (LTU) to perform on-line backup of databases and applications running on the specified platform. Required per server, it does not matter how many databases are running on the system. Even if databases of different types are running on the same system, only one license is required. As a general rule, every system responsible for storing application data to be protected in an online state requires a Data Protector online backup LTU.

- If a system runs multiple partitions, this LTU is required for each partition.
- In a cluster environment, each system participating in the cluster requires a LTU.
- In an Oracle RAC (Real Application Cluster) each cluster node with an installed Application Agent requires one Online Backup LTU.
- Online Backup LTUs are required when using Zero Downtime Backup to protect applications.
- Open file backup and restore using the Windows file system snapshot feature VSS (Volume Shadow copy Service) does not require the Online Backup LTU. However, Online Backup of databases, which are not part of the operating system, requires this Online Backup extension. System configuration backup does not require the Online Backup LTU.
- Required for MS Exchange Single Mailbox backup
- Each node with a configured Oracle DataGuard standby database in Data Protector requires this license.
- Not required for HPE Network Node Manager Online Backup
- Not required for HPE Systems Insight Manager Online Backup.
- For supported databases please refer to the Data Protector support matrixes at:
  https://docs.microfocus.com/?DP

Online Backup Licensing in Virtual Environments
- vStorage API for data protection (VADP) and VMware ESX/ESXi Server backup require one Online Backup LTU for Windows, Linux license per ESX/ESXi server
  NOTE: VCB-host, vCenter Server and the VMware vCloud Director integration doesn't require a separate license as it is covered by the license per ESX host.
- Microsoft Hyper-V environments require one Online Backup LTU for Windows/Linux license per physical Hyper-V server.
- Additional Online Backup LTU is highly recommended for each virtual machine that contains application-specific agents.
- For virtual environments, the same licensing requirements apply for array assisted snapshots - see ZDB&IR licensing description for more details.
- Online backup of an application/database on a VMware Virtual Machine requires one license per virtual machine. Previous script-based solutions can continue to be used without additional licensing, but those scripts are no longer supported by Micro Focus and need to be maintained by the customer on versions Data Protector 6.1 and beyond.

Online Backup Licensing for Microsoft SharePoint
- For SharePoint environments, an Online Backup LTU is required for each physical or virtual system that contains persistent data, such as content databases or index servers.

Micro Focus Data Protector Granular Recovery Extension

Description	Part Number
E-Delivery Micro Focus Data Protector Granular Recovery Extension 1yr 7x24 Support E-LTU	Q2M89AAE

Includes the license to restore single items from a backup done on a single server with a Data Protector Online Backup extension (in this case the DP Online Backup LTU is required).

For other backup sources like offline backups or 3rd party backup of the GRE supported applications, one GRE license is needed per target server to which items will be recovered with GRE. The GRE license is locked to that server for 1 year; afterwards it can be used for a different server

Configuration Information

Granular Recovery Extension Licensing for Microsoft SharePoint
- For SharePoint environments, a Granular Recovery Extension is required for each physical or virtual server that contains a content database which backup acts as a source for recovering a single document, a directory or an entire site.

Granular Recovery Extension Licensing for VMware
- For VMware, a Granular Recovery Extension (GRE) license is required for each ESX server that hosts one or multiple VM virtual machines during backup and which files are recovered using GRE.

One DP Online Backup LTU is required per system to perform a backup that can be used for Granular Recovery.

Granular Recovery Extension Licensing for Exchange
The Granular Recovery Extension (GRE) for Microsoft Exchange 2010 requires a GRE license for each Exchange server that hosts one or multiple databases that needs to be backed up.

Micro Focus Data Protector Encryption extension

	Description	Part Number
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M83AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M84AAE

Includes the license-to-use (LTU) and media to encrypt all backup data of one Micro Focus Data Protector client server or workstation with the Micro Focus Data Protector AES 256 bit encryption software. Required once for each Micro Focus Data Protector client (Agent / Application Agent) with encryption configured.
- Tape drive based encryption is free of charge and does not require this license.
- In a cluster environment, each system participating in the cluster requires a LTU.

Micro Focus Data Protector Manager-of-Managers extension

Micro Focus Data Protector Advanced Backup to Disk extension

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M83AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M84AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 100TB E-LTU	Q2M85AAE

- Includes the license-to-use (LTU) for 1 TB of backup disk storage. Required once per terabyte (TB) usable native capacity of backup disk storage.
  The "Advanced Backup to Disk" license is required to backup to a Data Protector File Library and to a Data Protector Backup To Disk Device Type, and can be used instead of drive licenses to backup to a Virtual Tape Library.
- Usable native capacity of a Micro Focus Data Protector Backup To Disk device is the size on disk of the Backup To Disk device consumed by all protected Micro Focus Data Protector backups. This includes Data Protector StoreOnce Software Store, StoreOnce Catalyst, Data Domain Boost, Smart Cache and Cloud.
- For Automated Replication Synchronization, only the source repository needs to be licensed to the source Cell Manager and the target repository needs to be licensed to the target Cell Manager.
- The capacity contained in the Cloud Backup to Disk type will not count towards the Advanced Backup to Disk license capacity for the Data Protector 9.01 version of VMware Object Copy to HPE Helion cloud functionality.
- For file library, the license is based on the "Usable Partitioned Capacity" available to store Data Protector backups on a Virtual Tape Library (VTL) or File Library. For example, if a 100TB library is present but the intention is to use 5TB, the library must be partitioned to only allow 5TB for Data Protector use.
  - Micro Focus Data Protector synthetic full and virtual full backup: Virtual full backups and the incremental backups to be consolidated into a synthetic / virtual full backup must be stored in the Micro Focus Data Protector file library, which requires this license.

Configuration Information

Usable native capacity of a Virtual Tape Library (VTL) is the size on disk of the virtual tape library consumed by all protected Micro Focus Data Protector backups as reported by the VTL.

- For each VTL you can choose whether to use the backup to disk or tape drive licensing model. Within one VTL, both concepts cannot be mixed.
- By default, Micro Focus Data Protector treats VTL devices as ordinary libraries (such as SCSI II libraries). To utilize the advanced backup to disk licenses, the device must be marked as a VTL during the device configuration. See the online Help index entry: "virtual tape library" for more information.
- If the VTL has a built-in capability to migrate backup data to cheaper disk or tape, the migrated storage capacity must also be fully licensed. No drive and library licenses are required for the tape library exclusively controlled by the VTL, but the used capacity of all tapes in the physical tape library must be licensed. In some cases it may be more cost-effective to use the tape drive licensing model instead (Q2M78AAE and Q2M79AAE). This requirement does not apply when Micro Focus Data Protector object copy is used to migrate the backup data to another disk or tape.
    - Licensing for HPE VLS Automigration - Automigration is a VLS media copy feature in Data Protector and can free up additional capacity on a VLS device by migrating data. Therefore, licensing for the migrated data is required, and the capacity of the media used for migration needs to be added to the total disk capacity of the VLS. In some cases it may be more cost effective to switch to drive licensing completely, as described above.
    - Licensing for VTL Replication: In cases where Data Protector is actively managing source and target devices in a replication set-up, licensing is required for both devices. In cases where Data Protector is not actively managing the target device, only the source device needs to be licensed. This includes the VLS Echo Copy feature, which is treated as replication.
- If Micro Focus Data Protector is using the VTL exclusively, it is recommended to license a quantity matching the capacity of the VTL. HPE calls the physical VTL capacity "usable native capacity". Other vendors call it "raw capacity"
- If Advanced Backup to Disk licensing was purchased before July 1st, 2008, Hewlett Packard Enterprise is fully committed to protect customers' investments. This means you can choose to use this license for the VTL under the previous licensing terms: "Usable native capacity of a VTL is the space occupied by protected backups and protected backup copies and mirrors according to the Data Protector internal database. To keep virtual tape library licensing stress free and simple a compression rate of 2:1 is assumed for VTLs with no extra charge." Please note that using the previous model only makes sense if you do not use compression or deduplication technology. Otherwise, a better value is provided through the new licensing model.
- Due to this size on disk licensing concept, compression rates and deduplication rates do not need to be considered. The RAID configuration also does not need to be considered.
- For StoreOnce Recovery Manager Central (RMC) Zero Downtime Backup (ZDB) "disk + Express Protect" copies to StoreOnce Catalyst the Advanced Backup to Disk license is not required for the Express Protect copies made directly from 3PAR
- 1 TB = 1024 GB, 1 GB = 1024 MB, 1 MB = 1024 KB, 1 KB = 1024 bytes
- In case of central licensing with MoM, at minimum 1 TB needs to be assigned to each Cell using the Advanced Backup to Disk functionality. Separate individual licenses for each cell manager are not required, however"

Configuration Information

Micro Focus Data Protector Zero Downtime Backup (ZDB) extension

Description	Part Number
E-Delivery Micro Focus Data Protector Zero Downtime Backup for UNIX 1TB 1yr 7x24 Support E-LTU	Q2L49AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup for UNIX 10TB 1yr 7x24 Support E-LTU	Q2L50AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup for Linux 1TB 1yr 7x24 Support E-LTU	Q2M92AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup for Linux 10TB 1yr 7x24 Support E-LTU	Q2L48AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup for Windows 1TB 1yr 7x24 Support E-LTU	Q2M90AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup for Windows 10TB 1yr 7x24 Support E-LTU	Q2M91AAE

Includes the license-to-use (LTU) for one terabyte (TB) of "used primary disk space capacity" of UNIX, Linux, or Windows based backup, utilizing the snapshot capabilities of the disk array supported by Data Protector

"Used primary disk space capacity" is the total capacity of all primary disks on the disk array used by of UNIX, Linux, or Windows systems The primary disks contain the application data and are protected by Data Protector.

In the case of the ZDB for Windows:
• via VSS disk array hardware provider
• or via Data Protector disk array native agents
The total capacity of primary disks represents the total true usable capacity of these disks; independent of the total size of the application data. Data Protector does not require licenses for the capacity consumed by the secondary volumes, mirrors, and snapshots that are used for data protection.

Used capacity differs from raw capacity in that RAID overhead is excluded. This means the RAID configuration does not need to be considered.

Please, be aware that the ZDB licenses for UNIX or Linux can also be used for Linux and Windows systems

For Zero Downtime Backup protection of VMware the ZDB for UNIX or Linux license is required.
For Zero Downtime Backup integration with StoreOnce Recovery Manager Central (RMC) the Zero Downtime Backup license is not required for used primary disk space capacity when the integration with RMC is used. Other licensing requirements such as online licenses still apply.
NOTE: A Data Protector Online Backup LTU (Q2M86AAE, Q2M88AAE) is additionally required per system to protect all applications using ZDB.
For supported applications please refer to the Data Protector support matrixes available at: **https://docs.microfocus.com/?DP**

Micro Focus Data Protector Instant Recovery extension

Description	Part Number
E-Delivery Micro Focus Data Protector Instant Recovery for UNIX 1TB 1yr 7x24 Support E-LTU	Q2L61AAE
E-Delivery Micro Focus Data Protector Instant Recovery for UNIX 10TB 1yr 7x24 Support E-LTU	Q2L62AAE
E-Delivery Micro Focus Data Protector Instant Recovery for Linux 1TB 1yr 7x24 Support E-LTU	Q2L59AAE
E-Delivery Micro Focus Data Protector Instant Recovery for Linux 10TB 1yr 7x24 Support E-LTU	Q2L60AAE
E-Delivery Micro Focus Data Protector Instant Recovery for Windows 1TB 1yr 7x24 Support E-LTU	Q2L57AAE
E-Delivery Micro Focus Data Protector Instant Recovery for Windows 10TB 1yr 7x24 Support E-LTU	Q2L58AAE

Includes the license-to-use (LTU) for one terabyte (TB) of "used primary disk space capacity" of UNIX, Linux, or Windows based backup utilizing the snapshot capabilities of the disk array supported by Data Protector.

"Used primary disk space capacity" is the total capacity of all primary disks on the disk array that are used by UNIX, Linux, or Windows systems. The primary disks contain the application data and are protected by Data Protector

Configuration Information

In the case of the IR for Windows:
- via VSS disk array hardware provider
- or via Data Protector disk array native agents

The total capacity of primary disks represents the total true usable capacity of these disks; independent of the total size of the application data. Data Protector does not require licenses for the capacity consumed by the secondary volumes, mirrors, and snapshots that are used for data protection.

Used capacity differs from raw capacity in that RAID overhead is excluded. This means the RAID configuration does not need to be considered.
Instant Recovery license is not required for VMware VADP array snapshot retention or recovery from snapshot operations.

Please, be aware that these IR licenses for UNIX can also be used for Linux and Windows systems.

For Zero Downtime Backup protection of VMware the ZDB for UNIX or Linux license is required.
For Zero Downtime Backup integration with StoreOnce Recovery Manager Central (RMC) the Zero Downtime Backup license is not required for used primary disk space capacity when the integration with RMC is used. Other licensing requirements such as online licenses still apply.

NOTE: A Data Protector Online Backup LTU (Q2M88AAE, Q2M86AAE) is additionally required per system to protect all applications using ZDB.

For supported applications please refer to the Data Protector support matrixes available at: **https://docs.microfocus.com/?DP**

Micro Focus Data Protector Direct Backup using NDMP

Description	Part Number E-Delivery
E-Delivery Micro Focus Data Protector Direct Backup with NDMP 1TB 1yr 7x24 Support E-LTU	Q2L63AAE
E-Delivery Micro Focus Data Protector Direct Backup with NDMP 10TB 1yr 7x24 Support E-LTU	Q2L64AAE
E-Delivery Micro Focus Data Protector Direct Bakup with NDMP 100TB 1yr 7x24 Support E-LTU	Q2L65AAE

Includes the license-to-use (LTU) to backup 1 TB, 10 TB or 100 TB of 1 NDMP Server. Required once per terabyte (TB) used disk space, for each file server being backed up via NDMP (e.g. Network Appliance Filers or Dell-EMC File Servers).

Used disk space capacity is the total capacity of all volumes of the file server being backed up via NDMP. This amount represents the total usable capacity of these volumes, and matches with their configured LDEV sizes

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Zero Downtime Backup for non-HPE Arrays

Description(LTU Only)	Part Number
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 1TB 1yr 7x24 Support E-LTU	Q2L51AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 10TB 1yr 7x24 Support E-LTU	Q2L52AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 1TB 1yr 7x24 Support E-LTU	Q2L53AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 10TB 1yr 7x24 Support E-LTU	Q2L54AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 1TB 1yr 7x24 Support E-LTU	Q2L55AAE
E-Delivery Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 10TB 1yr 7x24 Support E-LTU	Q2L56AAE

Configuration Information

Extended Online Backup

	Description	Part Number
	LTU Only	
E-Delivery	Micro Focus Data Protector Extension Online Backup for Windows/Linux Server 1yr 7x24 Support E-LTU	Q2M87AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. Includes the license-to-use (LTU) to perform on-line backup of MySQL and PostgreSQL databases and applications running on the specified platform. Required per server, it does not matter how many databases are running on the system. As a general rule, every system responsible for storing MySQL or PostgreSQL application data to be protected in an online state requires a Data Protector Extended online backup LTU.

Micro Focus Data Protector Capacity Based Licensing
Capacity Tiers

	Description	Part Number E-Delivery
	LTU Only	
E-Delivery	Micro Focus Data Protector per TB for 1-9TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M43AAE
E-Delivery	Micro Focus Data Protector per TB for 10-49TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M44AAE
E-Delivery	Micro Focus Data Protector per TB for 50-99TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M45AAE
E-Delivery	Micro Focus Data Protector per TB for 100-249TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M46AAE
E-Delivery	Micro Focus Data Protector per TB for 250-499TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M47AAE
E-Delivery	Micro Focus Data Protector per TB for 500TB-1PB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M48AAE
E-Delivery	Micro Focus Data Protector per TB for 1PB+ Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M49AAE

The Capacity Based License (CBL) product structure is based on the volume of primary data protected by Micro Focus Data Protector. The capacity is measured in "Front End Terabytes" or Front End TB. The total amount of Front End Terabytes is defined as the aggregate amount of source data being backed up from all systems. Per system it is measured as the largest full backup. That is, the total amount of source data backed up. The licensing in this product structure is perpetual and covers existing or new infrastructure and applications.   Capacity calculation details:

- For a full & incremental backup concept, only full are considered
- For an incremental forever, a "synthetic" full is used
- Only objects with a status of "completed" or "completed with errors" are included in the calculation
- Only objects which are still under protection are included in the calculation
- The capacity per system is calculated as an aggregation of the largest size of each unique object for that system still under protection

Limitations:

- Backup of the same database with multiple agents will be counted multiple times. Some examples of scenarios where capacity will be counted multiple times:
    - A file system backup of a database using VSS and an application integration agent of the same database.
    - A virtual environment integration backup of a virtual machine and a file system backup of the same data within that virtual machine.
- When an Oracle backup object name format is externally reconfigured in such a way that Data Protector is not be able to resolve the Oracle database name from the object name the unique capacity will be counted multiple times. To avoid this the reconfigured object name must include the Oracle database name and be in the format "<DBID_*.dbf".

Configuration Information

The capacity based license includes the following features of Micro Focus Data Protector software:
- Cell Managers & Manager of Managers
- Tape Drives and Libraries
- Online Backup & Granular Recovery Extensions
- Zero Downtime Backup & Instant Recovery for HPE and non-HPE arrays
- Advanced Backup to Disk & NDMP
- HPE Extended Online Backup

The complementary products that are sold separately are:
- Encryption software (Starting with Data Protector 10.10 encryption is part of the capacity-based license)
- Micro Focus Backup Navigator
- Data Protector Management Pack
- Data Protector Smart Plug-in for HPE Operations Manager
- Storage Optimizer

The capacity purchase tier in Data Protector capacity based license scheme is determined by the total TB of DP capacity license owned by the customer.
- An initial purchase of a 63 TB would be at the Micro Focus DP per TB, 50-99 TB tier: 63X **Q2M45AAE**

Total capacity owned after the purchase determines the tier from which the purchase should be made. Here is an example scenario where a customer purchases an 8 TB of DP capacity first and then makes subsequent purchases of a 5TB and a 50 TB of DP capacity. Here is what each order will include:
- An initial purchase of an 8 TB capacity will be at the Micro Focus DP per TB, 1-9 TB tier: 8X **Q2M43AAE**
- The second purchase of 5 more TB will be at Micro Focus DP per TB, 10-49 TB tier: 5X **Q2M44AAE**
- The next purchase of 50 TB will be Micro Focus DP per TB, 50-99 TB tier: 50X **Q2M45AAE**

Here are some example scenarios for Capacity Based licensing:
- If a customer has 200 TB of data to protect and backs up to a dedupe store that only uses 20 TB they would still need 200 TB capacity license
- If a customer has 100 TB of data but only protects 10 TB of this data they would only need a 10 TB capacity license
- If a customer backs up the same 10 TB multiple times, only a 10 TB capacity license is needed.

In case of central licensing with MoM, at minimum 1 TB needs to be assigned to each Cell Manager.

NOTE: 1 PB = 1024 TB, 1 TB = 1024 GB, 1 GB = 1024 MB, 1 MB = 1024 KB, 1 KB = 1024 bytes

NOTE: Traditional and Capacity product structures can be utilized by the same customer but they cannot be combined on the same Cell Manager or MoM environment. The complementary products listed are the exception to this as these license can be combined with both Data Protector Traditional and Capacity Based Licensing methods. Migration from traditional product structure to capacity based product structure is supported – please contact your authorized Hewlett Packard Enterprise sales representative for details. Both licensing models are valid for any size of environment.

NOTE: For more information on IDOL integration and Integrated Cloud Backup, please contact your Hewlett Packard Enterprise sales representative.

Configuration Information

Adaptive Backup and Recovery Suite Premium Edition
Capacity Based Tiering

	Description LTU Only	Part Number E-Delivery
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1-249TB 1yr 7x24 Support E-LTU	Q2M50AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 250-499TB 1yr 7x24 Support E-LTU	Q2M51AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Ultimate Edition 500TB-1PB 1yr 7x24 Support E-LTU	Q2M52AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1PB+ 1yr 7x24 Support E-LTU	Q2M53AAE
E-Delivery	Micro Focus Data Protector 1-249TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M54AAE
E-Delivery	Micro Focus Data Protector 250-499TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M55AAE
E-Delivery	Micro Focus Data Protector 500TB-1PB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M56AAE
E-Delivery	Micro Focus Data Protector 1PB+ to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M57AAE

The Adaptive Backup and Recovery (ABR) Suite Premium Edition includes Data Protector capacity based license and Backup Navigator license. Upgrades from Data Protector capacity based licenses to the ABR Premium Edition.

Adaptive Backup and Recovery Suite Premium Edition
Capacity Based Tiering

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1-249TB 1yr 7x24 Support E-LTU	Q2M50AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 250-499TB 1yr 7x24 Support E-LTU	Q2M51AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Ultimate Edition 500TB-1PB 1yr 7x24 Support E-LTU	Q2M52AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1PB+ 1yr 7x24 Support E-LTU	Q2M53AAE
E-Delivery	Micro Focus Data Protector 1-249TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M54AAE
E-Delivery	Micro Focus Data Protector 250-499TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M55AAE
E-Delivery	Micro Focus Data Protector 500TB-1PB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M56AAE
E-Delivery	Micro Focus Data Protector 1PB+ to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M57AAE

The Adaptive Backup and Recovery (ABR) Suite Premium Edition includes Data Protector capacity based license and Backup Navigator license. Upgrades from Data Protector capacity based licenses to the ABR Premium Edition.

Configuration Information

Micro Focus Data Protector Support
The following list of SKUs are related to support only.

Data Protector Capacity Based Licensing: Support SKUs
DP Capacity Based License SKUs

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector per TB for 1-9TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M43AAE
E-Delivery	Micro Focus Data Protector per TB for 1-9TB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M43SAE
E-Delivery	Micro Focus Data Protector per TB for 10-49TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M44AAE
E-Delivery	Micro Focus Data Protector per TB for 10-49TB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M44SAE
E-Delivery	Micro Focus Data Protector per TB for 50-99TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M45AAE
E-Delivery	Micro Focus Data Protector per TB for 50-99TB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M45SAE
E-Delivery	Micro Focus Data Protector per TB for 100-249TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M46AAE
E-Delivery	Micro Focus Data Protector per TB for 100-249TB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M46SAE
E-Delivery	Micro Focus Data Protector per TB for 250-499TB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M47AAE
E-Delivery	Micro Focus Data Protector per TB for 250-499TB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M47SAE
E-Delivery	Micro Focus Data Protector per TB for 500TB-1PB Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M48AAE
E-Delivery	Micro Focus Data Protector per TB for 500TB-1PB Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M48SAE
E-Delivery	Micro Focus Data Protector per TB for 1PB+ Full Backup Capacity 1yr 7x24 Support E-LTU	Q2M49AAE
E-Delivery	Micro Focus Data Protector per TB for 1PB+ Full Backup Capacity Addl 2yr 7x24 Support E-LTU	Q2M49SAE

ABR Premium Capacity Based License SKUs

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1-249TB 1yr 7x24 Support E-LTU	Q2M50AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1-249TB Addl 2yr 7x24 Support E-LTU	Q2M50SAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 250-499TB 1yr 7x24 Support E-LTU	Q2M51AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 250-499TB Addl 2yr 7x24 Support E-LTU	Q2M51SAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Ultimate Edition 500TB-1PB 1yr 7x24 Support E-LTU	Q2M52AAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 500TB-1PB Addl 2yr 7x24 Support E-LTU	Q2M52SAE
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1PB+ 1yr 7x24 Support E-LTU	Q2M53AAE

Configuration Information

E-Delivery	Description	Part Number
E-Delivery	Micro Focus Adaptive Backup and Recovery Suite Premium Edition 1PB+ Addl 2yr 7x24 Support E-LTU	Q2M53SAE
E-Delivery	Micro Focus Data Protector 1-249TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M54AAE
E-Delivery	Micro Focus Data Protector 1-249TB to ABR Suite Premium Edition Upgrade Addl 2yr 7x24 Support E-LTU	Q2M54SAE
E-Delivery	Micro Focus Data Protector 250-499TB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M55AAE
E-Delivery	Micro Focus Data Protector 250-499TB to ABR Suite Premium Edition Upg Addl 2yr 7x24 Support E-LTU	Q2M55SAE
E-Delivery	Micro Focus Data Protector 500TB-1PB to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M56AAE
E-Delivery	Micro Focus Data Protector 500-1PB to ABR Suite Premium Edition Upgrade Addl 2yr 7x24 Support E-LTU	Q2M56SAE
E-Delivery	Micro Focus Data Protector 1PB+ to ABR Suite Premium Edition Upgrade 1yr 7x24 Support E-LTU	Q2M57AAE
E-Delivery	Micro Focus Data Protector 1PB+ to ABR Suite Premium Edition Upgrade Addl 2yr 7x24 Support E-LTU	Q2M57SAE

Data Protector Traditional Licensing: Support SKUs
Starter Packs

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Starter Pack Windows 1yr 7x24 Support E-LTU	Q2M74AAE
E-Delivery	Micro Focus Data Protector Starter Pack Windows Addl 2yr 7x24 Support E-LTU	Q2M74SAE
E-Delivery	Micro Focus Data Protector Starter Pack HP-UX 1yr 7x24 Support E-LTU	Q2M75AAE
E-Delivery	Micro Focus Data Protector Starter Pack HP-UX Addl 2yr 7x24 Support E-LTU	Q2M75SAE
E-Delivery	Micro Focus Data Protector Starter Pack Linux 1yr 7x24 Support E-LTU	Q2M76AAE
E-Delivery	Micro Focus Data Protector Starter Pack Linux Addl 2yr 7x24 Support E-LTU	Q2M76SAE
E-Delivery	Micro Focus Data Protector Starter Pack Solaris 1yr 7x24 Support E-LTU	Q2M77AAE
E-Delivery	Micro Focus Data Protector Starter Pack Solaris Addl 2yr 7x24 Support E-LTU	Q2M77SAE

Drive and Library Extension

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Drive Extension Windows/NetWare/Linux 1yr 7x24 Support E-LTU	Q2M78AAE
E-Delivery	Micro Focus Data Protector Drive Extension Windows/NetWare/Linux Addl 2yr 7x24 Support E-LTU	Q2M78SAE
E-Delivery	Micro Focus Data Protector Drive Extension UNIX/NAS/SAN 1yr 7x24 Support E-LTU	Q2M79AAE
E-Delivery	Micro Focus Data Protector Drive Extension UNIX/NAS/SAN Addl 2yr 7x24 Support E-LTU	Q2M79SAE
E-Delivery	Micro Focus Data Protector 61-250 Slots Library 1yr 7x24 Support E-LTU	Q2M80AAE
E-Delivery	Micro Focus Data Protector 61-250 Slots Library Addl 2yr 7x24 Support E-LTU	Q2M80SAE
E-Delivery	Micro Focus Data Protector Unlimited Slots Library 1yr 7x24 Support E-LTU	Q2M81AAE
E-Delivery	Micro Focus Data Protector Unlimited Slots Library Addl 2yr 7x24 Support E-LTU	Q2M81SAE
E-Delivery	Micro Focus Data Protector Upgrade to Unlimited Slot Library 1yr 7x24 Support E-LTU	Q2M82AAE
E-Delivery	Micro Focus Data Protector Upgrade to Unlimited Slot Library Addl 2yr 7x24 Support E-LTU	Q2M82SAE

Configuration Information

Backup To Disk

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M83AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB Addl 2yr 7x24 Support E-LTU	Q2M83SAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 1TB E-LTU	Q2M84AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 10TB Addl 2yr 7x24 Support E-LTU	Q2M84SAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 100TB E-LTU	Q2M85AAE
E-Delivery	Micro Focus Data Protector Advanced Backup to Disk 100TB Addl 2yr 7x24 Support E-LTU	Q2M85SAE

Application Protection

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Online Backup for Windows 1yr 7x24 Support E-LTU	Q2M86AAE
E-Delivery	Micro Focus Data Protector Online Backup for Windows Addl 2yr 7x24 Support E-LTU	Q2M86SAE
E-Delivery	Micro Focus Data Protector Extension Online Backup for Windows/Linux Server 1yr 7x24 Support E-LTU	Q2M87AAE
E-Delivery	Micro Focus Data Protector Extension Online Backup for Windows/Linux Svr Addl 2y 7x24 Support E-LTU	Q2M87SAE
E-Delivery	Micro Focus Data Protector Online Backup for UNIX 1yr 7x24 Support E-LTU	Q2M88AAE
E-Delivery	Micro Focus Data Protector Online Backup for UNIX Addl 2yr 7x24 Support E-LTU	Q2M88SAE
E-Delivery	Micro Focus Data Protector Granular Recovery Extension 1yr 7x24 Support E-LTU	Q2M89AAE
E-Delivery	Micro Focus Data Protector Granular Recovery Extension Addl 2yr 7x24 Support E-LTU	Q2M89SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Windows 1TB 1yr 7x24 Support E-LTU	Q2M90AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Windows 1TB Addl 2yr 7x24 Support E-LTU	Q2M90SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Windows 10TB 1yr 7x24 Support E-LTU	Q2M91AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Windows 10TB Addl 2yr 7x24 Support E-LTU	Q2M91SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Linux 1TB 1yr 7x24 Support E-LTU	Q2M92AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Linux 1TB Addl 2yr 7x24 Support E-LTU	Q2M92SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Linux 10TB 1yr 7x24 Support E-LTU	Q2L48AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for Linux 10TB Addl 2yr 7x24 Support E-LTU	Q2L48SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for UNIX 1TB 1yr 7x24 Support E-LTU	Q2L49AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for UNIX 1TB Addl 2yr 7x24 Support E-LTU	Q2L49SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for UNIX 10TB 1yr 7x24 Support E-LTU	Q2L50AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup for UNIX 10TB Addl 2yr 7x24 Support E-LTU	Q2L50SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 1TB 1yr 7x24 Support E-LTU	Q2L51AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 1TB Addl 2yr 7x24 Support E-LTU	Q2L51SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 10TB 1yr 7x24 Support E-LTU	Q2L52AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array UNIX 10TB Addl 2yr 7x24 Support E-LTU	Q2L52SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 1TB 1yr 7x24 Support E-LTU	Q2L53AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 1TB Addl 2yr 7x24 Support E-LTU	Q2L53SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 10TB 1yr 7x24 Support E-LTU	Q2L54AAE

Configuration Information

E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Linux 10TB Addl 2yr 7x24 Support E-LTU	Q2L54SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 1TB 1yr 7x24 Support E-LTU	Q2L55AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 1TB Addl 2yr 7x24 Support E-LTU	Q2L55SAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 10TB 1yr 7x24 Support E-LTU	Q2L56AAE
E-Delivery	Micro Focus Data Protector Zero Downtime Backup Non MF Array Windows 10TB Addl 2y 7x24 Support E-LTU	Q2L56SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Windows 1TB 1yr 7x24 Support E-LTU	Q2L57AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Windows 1TB Addl 2yr 7x24 Support E-LTU	Q2L57SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Windows 10TB 1yr 7x24 Support E-LTU	Q2L58AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Windows 10TB Addl 2yr 7x24 Support E-LTU	Q2L58SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Linux 1TB 1yr 7x24 Support E-LTU	Q2L59AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Linux 1TB Addl 2yr 7x24 Support E-LTU	Q2L59SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Linux 10TB 1yr 7x24 Support E-LTU	Q2L60AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for Linux 10TB Addl 2yr 7x24 Support E-LTU	Q2L60SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for UNIX 1TB 1yr 7x24 Support E-LTU	Q2L61AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for UNIX 1TB Addl 2yr 7x24 Support E-LTU	Q2L61SAE
E-Delivery	Micro Focus Data Protector Instant Recovery for UNIX 10TB 1yr 7x24 Support E-LTU	Q2L62AAE
E-Delivery	Micro Focus Data Protector Instant Recovery for UNIX 10TB Addl 2yr 7x24 Support E-LTU	Q2L62SAE

NDMP Backup

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Direct Backup with NDMP 1TB 1yr 7x24 Support E-LTU	Q2L63AAE
E-Delivery	Micro Focus Data Protector Direct Backup with NDMP 1TB Addl 2yr 7x24 Support E-LTU	Q2L63SAE
E-Delivery	Micro Focus Data Protector Direct Backup with NDMP 10TB 1yr 7x24 Support E-LTU	Q2L64AAE
E-Delivery	Micro Focus Data Protector Direct Backup with NDMP 10TB Addl 2yr 7x24 Support E-LTU	Q2L64SAE
E-Delivery	Micro Focus Data Protector Direct Bakup with NDMP 100TB 1yr 7x24 Support E-LTU	Q2L65AAE
E-Delivery	Micro Focus Data Protector Direct Bakup with NDMP 100TB Addl 2yr 7x24 Support E-LTU	Q2L65SAE

Manager of Managers

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Manager of Managers Windows 1yr 7x24 Support E-LTU	Q2L66AAE
E-Delivery	Micro Focus Data Protector Manager of Managers Windows Addl 2yr 7x24 Support E-LTU	Q2L66SAE
E-Delivery	Micro Focus Data Protector Manager of Managers UNIX 1yr 7x24 Support E-LTU	Q2L67AAE
E-Delivery	Micro Focus Data Protector Manager of Managers UNIX Addl 2yr 7x24 Support E-LTU	Q2L67SAE

Configuration Information

Data Protector Companion Features and Products: Support SKUs
Micro Focus Backup Navigator Capacity License

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Backup Navigator per TB 1-9TB 1yr 7x24 Support E-LTU	Q2L68AAE
E-Delivery	Micro Focus Backup Navigator per TB 1-9TB Addl 2yr 7x24 Support E-LTU	Q2L68SAE
E-Delivery	Micro Focus Backup Navigator per TB 10-49TB 1yr 7x24 Support E-LTU	Q2L69AAE
E-Delivery	Micro Focus Backup Navigator per TB 10-49TB Addl 2yr 7x24 Support E-LTU	Q2L69SAE
E-Delivery	Micro Focus Backup Navigator per TB 50-99TB 1yr 7x24 Support E-LTU	Q2L70AAE
E-Delivery	Micro Focus Backup Navigator per TB 50-99TB Addl 2yr 7x24 Support E-LTU	Q2L70SAE
E-Delivery	Micro Focus Backup Navigator per TB 100-249TB 1yr 7x24 Support E-LTU	Q2L71AAE
E-Delivery	Micro Focus Backup Navigator per TB 100-249TB Addl 2yr 7x24 Support E-LTU	Q2L71SAE
E-Delivery	Micro Focus Backup Navigator per TB 250-499TB 1yr 7x24 Support E-LTU	Q2L72AAE
E-Delivery	Micro Focus Backup Navigator per TB 250-499TB Addl 2yr 7x24 Support E-LTU	Q2L72SAE
E-Delivery	Micro Focus Backup Navigator per TB 500-1000TB 1yr 7x24 Support E-LTU	Q2L73AAE
E-Delivery	Micro Focus Backup Navigator per TB 500-1000TB Addl 2yr 7x24 Support E-LTU	Q2L73SAE
E-Delivery	Micro Focus Backup Navigator 1PB+ 1yr 7x24 Support E-LTU	Q2L74AAE
E-Delivery	Micro Focus Backup Navigator 1PB+ Addl 2yr 7x24 Support E-LTU	Q2L74SAE
E-Delivery	Micro Focus Backup Navigator Capacity Upgrade Single Cell Manager 1yr 7x24 Support E-LTU	Q2L75AAE
E-Delivery	Micro Focus Backup Navigator Capacity Upgrade Single Cell Manager Addl 2yr 7x24 Support E-LTU	Q2L75SAE

Micro Focus Backup Navigator Traditional License

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Backup Navigator Token 1yr 7x24 Support E-LTU	Q2L76AAE
E-Delivery	Micro Focus Backup Navigator Token Addl 2yr 7x24 Support E-LTU	Q2L76SAE

DP Management Pack

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Management Pack 1yr 7x24 Support E-LTU	Q2L82AAE
E-Delivery	Micro Focus Data Protector Management Pack Addl 2yr 7x24 Support E-LTU	Q2L82SAE

DP Software Encryption

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector Encryption for 1 Server 1yr 7x24 Support E-LTU	Q2L83AAE
E-Delivery	Micro Focus Data Protector Encryption for 1 Server Addl 2yr 7x24 Support E-LTU	Q2L83SAE
E-Delivery	Micro Focus Data Protector Encryption for 10 Servers 1yr 7x24 Support E-LTU	Q2L84AAE
E-Delivery	Micro Focus Data Protector Encryption for 10 Servers Addl 2yr 7x24 Support E-LTU	Q2L84SAE

Configuration Information

Localization

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Data Protector French Software E-Media	Q2L90AAE
E-Delivery	Micro Focus Data Protector Japanese Software E-Media	Q2L91AAE
E-Delivery	Micro Focus Data Protector Simplified Chinese Software E-Media	Q2L92AAE

Micro Focus Data Protector Complementary Products
Micro Focus Backup Navigator

	Description	Part Number E-Delivery
E-Delivery	Micro Focus Backup Navigator per TB 1-9TB 1yr 7x24 Support E-LTU	Q2L68AAE
E-Delivery	Micro Focus Backup Navigator per TB 10-49TB 1yr 7x24 Support E-LTU	Q2L69AAE
E-Delivery	Micro Focus Backup Navigator per TB 50-99TB 1yr 7x24 Support E-LTU	Q2L70AAE
E-Delivery	Micro Focus Backup Navigator per TB 100-249TB 1yr 7x24 Support E-LTU	Q2L71AAE
E-Delivery	Micro Focus Backup Navigator per TB 250-499TB 1yr 7x24 Support E-LTU	Q2L72AAE
E-Delivery	Micro Focus Backup Navigator per TB 500-1000TB 1yr 7x24 Support E-LTU	Q2L73AAE
E-Delivery	Micro Focus Backup Navigator 1PB+ 1yr 7x24 Support E-LTU	Q2L74AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. One LTU is required per TB of primary data protected by Micro Focus Data Protector. The capacity calculation is the same as for the Data Protector capacity based licensing.

	Description	Part Number
E-Delivery	Micro Focus Backup Navigator Token 1yr 7x24 Support E-LTU	Q2L76AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. Each LTU represents a token. The number of tokens needed is based on the amount and type of licenses installed on the Data Protector cell manager(s).

	Description	Part Number
E-Delivery	Micro Focus Backup Navigator Capacity Upgrade Single Cell Manager 1yr 7x24 Support E-LTU	Q2L75AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. One LTU is required per Backup Navigator Single Cell Manager to upgrade to multiple Data Protector Cell Managers and enable capacity expansion with Micro Focus Backup Navigator capacity licenses. The capacity calculation is the same as for the Data Protector capacity based licensing.

DP SPI for HPE Ops Mgr

		Part Number
E-Delivery	Micro Focus Data Protector Smart Plug-in for Operations Manager/Cell Manager 1yr 7x24 Support E-LTU	Q2L81AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. One LTU is required per Data Protector Cell Manager. Includes integration with HPE Operations Manager.

DP Management Pack

		Part Number
E-Delivery	Micro Focus Data Protector Management Pack 1yr 7x24 Support E-LTU	Q2L82AAE

This license is valid for use with either Traditional or Capacity based Data Protector implementations. One LTU is required per Data Protector Cell Manager. Includes integration with Microsoft System Center Operations Manager.

For more information on the Micro Focus Data Protection software
https://software.microfocus.com/en-us/products/data-protector-backup-recovery-software/overview

Summary of Changes

Date	Version History	Action	Description of Change:
02-Apr-2019	Version 64	Changed	Overview, Licenses, Services and Warranties, Configuration Information sections were updated.
04-Jun-2018	Version 63	Added	Added section on DP 10.03 and BN 9.90.
		Changed	Changed old HPE references to Micro Focus products.
04-Dec-2017	Version 62	Added	Added section on Data Protector 10.02, Backup Navigator 9.80
		Changed	Overview and Configuration Information were revised. The title was changed to Data Protector Software.
02-Oct-2017	Version 61	Changed	Added section on Data Protector 10.01, Backup Navigator 9.70
11-Jul-2017	Version 60	Changed	Added section on Data Protector 10.0, Backup Navigator 9.60 and Storage Optimizer 5.5.
27-Mar-2017	Version 59	Changed	Added section on Data Protector 9.0.9, Backup Navigator 9.51 and Storage Optimizer 5.4. Removed all physical SKUs from the list.
09-Dec-2016	Version 58	Changed	Added section on Backup Navigator 9.50 and Token based licensed. Also added the new ABR Premium and Ultimate license details and Storage Optimizer SKUs
14-Oct-2016	Version 57	Changed	Added section on what's new with Data Protector 9.08
24-Jun-16	Version 56	Changed	Added section on what's new with Data Protector 9.07 and Backup Navigator 9.40
8-Apr-16	Version 55	Changed	Changes were made throughout QuickSpecs
22-Jan-16	Version 54	Changed	Content updated on the entire document
4-Sep-15	Version 53	Changed	Changes were made throughout QuickSpecs
24-Apr-15	Version 52	Changed	Updated the Integration Guide detail, Backup Navigator 9.1 product numbers, Capacity license description
13-Feb-15	Version 51	Changed	Changes on the Licenses, Services and Warranties Section
16-Jan-15	Version 50	Changed	Changes were made throughout QuickSpecs
4-Aug-14	Version 49	Changed	Changes were made throughout QuickSpecs
9-May-14	Version 48	Changed	Updated HPE Software Support
17-Jan-14	Version 47	Changed	Changes made to the Overview: Key Product Highlights, Software Licensing and Configuration Information sections.
1-Sep-13	Version 46	Changed	Changes made to the Countries available under Media
10-Jun-13	Version 45	Changed	Changes made throughout the QuickSpecs
4-Dec-12	Version 44	Changed	Changes made in the Overview, Installation Server and Client System Requirements, and Configuration.
24-Oct-12	Version 43	Changed	Changes made throughout the QuickSpecs
14-Sep-12	Version 42	Changed	Changes made to the Configuration Information section
26-Aug-12	Version 41	Changed	Changes made throughout the QuickSpecs
29-Jun-12	Version 40	Changed	Changes made to Installation Server and Client System Requirements and Configuration sections.
11-May-12	Version 39	Changed	Changes made throughout the QuickSpecs
21-Dec-11	Version 38	Changed	Changes made throughout the QuickSpecs
7-Sep-11	Version 37	Changed	Minor edit made in Step 3 of the Configuration section
24-Jun-11	Version 36	Changed	Minor edits were made throughout
9-Jun-11	Version 35	Removed	Mentions of StorageWorks were removed
2-Jun-11	Version 34	Removed	Duplicate text was removed from Step 3
8-Apr-11	Version 33	Changed	Changes were made throughout
9-Jul-10	Version 32	Changed	Revisions were made throughout the QuickSpecs, including changing Data Protector to version 6.11, completely revising

Summary of Changes

			Configuration Information and adding all mentions of Granular recovery
26-Mar-10	Version 31	Added	To learn more, visit www.hpe.com/im was added to the Copyright.
16-Oct-09	Version 30	Changed	HPE Services: Scalable, Flexible and Reliable was updated in the Licenses, Services and Warranties section and Step 3 of the Configuration Information section.
12-Jun-09	Version 29	Changed	Updated version numbers for HP-UX (PA-RISC) and HP-UX (IA64) for Software Pre-Requisites in the Hardware and Software Pre-Requisites section Modified link for Software Warranty in the Licenses, Services and Warranties section Revised part numbers for HP-UX, Sun Solaris and Windows for HPE Data Protector, Single Server Edition in the Configuration Information section Removed Licenses history from HPE Software Support 9x5 and added Rapid call-back for the most critical (Severity 1) problems to HPE Software Support 24x7 for Software Support in the Licenses, Services and Warranties section Removed link from HPE Services: Scalable, Flexible and Reliable in the Licenses, Services and Warranties section
3-Apr-09	Version 28	Changed	HPE Data Protector On-line extension and HPE Data Protector Advanced Backup to Disk extension were updated in Step 3 of the Configuration section and Business Problems and Customer Benefits were removed with the Customer Benefits section.
9-Jan-09	Version 27	Added	NOTE to HPE Software Support in the Licenses, Services and Warranties section.
29-Dec-08	Version 26	Changed	Changes were made throughout the entire QuickSpecs, excluding the Application Platforms section
27-Jun-08	Version 25	Added	Added a note to the Licenses, Services and Warranties/Software Product Support section
		Changed	Minor grammatical and formatting changes were made throughout the QuickSpecs
25-Jan-08	Version 24	Changed	Changed the title and all occurrences of "HPE Data Protector Software" to "HPE Data Protector software"
7-Sep-07	Version 23	Changed	Changes made within the What's New section and in Step 2 of the Configuration Information section.
13-Jul-07	Version 22	Changed	Changes made within the Configuration Information section only
19-Jun-07	Version 21	Changed	Changes made throughout the QuickSpecs except for the Application Platforms section
11-Jun-07	Version 20	Added	Added EMEA version
13-Apr-07	Version 19	Changed	Step 2 of the Configuration Information section was reformatted.
12-Feb-07	Version 18	Changed	Changes made throughout the entire QuickSpecs except for the Hardware Support and Application Platforms sections. NOTE that the title has changed.
24-Nov-06	Version 17	Changed	The URL in the Software Product Support object was changed. The Part Number for Windows, Netware, Linux in HPE OpenView Storage Data Protector Backup Drive was corrected
13-Nov-06	Version 16	Changed	Updated the What's New section and the CONFIGURATION INFORMATION section was rewritten

Summary of Changes

1-Sep-06	Version 15	Changed	Updated the What's New section and Step 1 in the CONFIGURATION INFORMATION section
2-Jun-06	Version 14	Changed	Updated Steps 1 and 3 in the CONFIGURATION INFORMATION section
		Added	Added a NOTE to the CONFIGURATION INFORMATION section
5-May-06	Version 13	Changed	Removed the "not" from "cannot" in Step 3 of the Configuration Information Section
24-Apr-06	Version 12	Changed	The entire QuickSpecs was rewritten
1-Aug-05	Version 11	Changed	A URL in Step 3 of the Configuration Information section was corrected.
14-Jan-05	Version 10	Changed	Only minor grammatical corrections were made
3-Nov-04	Version 9	Changed	Only minor grammatical corrections were made.
1-Nov-04	Version 8	Changed	The entire QuickSpecs was rewritten
23-Jun-04	Version 7	Changed	The only change was made in the Backup Agents section of Application Platforms
24-Feb-04	Version 6	Removed	Removed mention of EVA models from the Data Protector models section.
9-Oct-03	Version 5	Changed	Configuration information
30-Sep-03	Version 4	Changed	Changes for this announcement applied to all sections of the QuickSpecs. Please note the title has been changed as well. Models and Configuration Information: Cell Manager has been replaced with Starter Pack.
25-Aug-03	Version 3	Changed	Document was reformatted.
23-Jul-03	Version 2	Changed	2 URLs were updated
17-Jun-03	Version 1	New	New QuickSpecs

Summary of Changes

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