Overview

HPE Solutions for Cohesity DataPlatform

Is mass data fragmentation, the ever-growing proliferation of data—across different locations, silos, clouds, and management systems—preventing your organization from fully utilizing its value?

HPE Solutions for Cohesity DataPlatform is a software defined scale-out storage solution combining HPE ProLiant or Apollo servers with Cohesity DataPlatform software that is based on a unique distributed file system, SpanFS®. The HPE and Cohesity solution modernizes and simplifies data and application management by providing one platform for multiple workloads. Although most organizations begin their journeys to overcoming mass data fragmentation by simplifying data protection, The HPE and Cohesity solution flexible architecture allows easy expansion to additional use cases, further increasing operational simplicity and improved TCO. Because Cohesity DataPlatform is a software solution, it works equally efficiently on-premises with qualified HPE servers as well as in the public cloud.

HPE Solutions for Cohesity DataPlatform are built on the ProLiant DL360 Gen10 Server, the ProLiant DL380 Gen10 Server, the Apollo 2000 Gen10 System and the Apollo 4510 Gen10 System.

What's new

- New HPE ProLiant DL360 Gen10 32TB Perfomance Server using NVMe SSDs for converged data protection, target storage and test/dev use cases where high performance is required
- Powered by the new I/O Boost technology in Cohesity DataPlatform, the solution provides benefits that are unique in the industry.
    - Unmatched efficiency: Higher throughput and bandwidth capabilities of flash media combined with Cohesity's superior and proprietary space savings technologies mean even fewer licensed nodes required to meet performance and usable capacity needs, making all-flash more cost-effective than ever before.
    - Exceptional performance: Realize 2x to 8x[1]; faster performance for backing up and accessing data compared to disk-based alternatives.
      Notes:[1] Actual gain is subject to the type of workload and certified server.
    - Accelerated workloads: Meet demanding service level agreements (SLAs) with flash-optimized performance that speeds data management tasks, particularly for faster metadata-intensive operations such as deduplication and replication, backing up of both small and very large (multi-terabyte) files alike.
    - Faster time-to-value: Achieve competitive advantages with faster data reuse, such as cloning backup or file and object data for dev/test or analytics without metadata bottlenecks. The solution also boosts performance for Cohesity Marketplace apps, particularly those with random I/O profiles, speeding up vulnerability scans using backup, anti-virus on files, information search, and content analysis on sensitive data.

Models

Description	SKU
HPE ProLiant DL360 Gen10 32TB Performance Server for Cohesity DataPlatform	R4R11A

HPE Solutions for Cohesity DataPlatform – new Cascade Lake configurations

Description	SKU
HPE ProLiant DL380 Gen10 48TB Configure-to-order Server for Cohesity DataPlatform	R0Q30B
HPE ProLiant DL380 Gen10 48TB Server for Cohesity DataPlatform	R6B35A
HPE ProLiant DL380 Gen10 96TB Configure-to-order Server for Cohesity DataPlatform	R0Q31B
HPE ProLiant DL380 Gen10 96TB Server for Cohesity DataPlatform	R6B36A

Notes: The new Cascade Lake DL380 configurations are available as pre-configured SKUs (R6B35A/R6B36A) with dual power supplies, a 4-port 10Gb FlexLOM, and a 2-port 10/25Gb adapter. The CTO servers are available to configure with select power supplies and network adapters.

Overview

Description	SKU
HPE Apollo r2200 and HPE ProLiant XL170r Gen10 Server for Cohesity DataPlatform	
HPE Apollo r2200 Gen10 System for Cohesity DataPlatform	R0R03B
HPE ProLiant XL170r Gen10 24TB Server for Cohesity DataPlatform	R0R04B
HPE ProLiant XL170r Gen10 36TB Server for Cohesity DataPlatform	R0R05B
HPE ProLiant XL170r Gen10 24TB Add-on Server for Cohesity DataPlatform	R3R76B
HPE ProLiant XL170r Gen10 36TB Add-on Server for Cohesity DataPlatform	R3R77B
HPE Apollo 4510 and HPE ProLiant XL450 Gen10 Server for Cohesity DataPlatform	
HPE Apollo 4510 Gen10 System for Cohesity DataPlatform	R3R72B
HPE ProLiant XL450 Gen10 200TB Server for Cohesity DataPlatform	R3R73B
HPE ProLiant XL450 Gen10 400TB Server for Cohesity DataPlatform	R3R74B
HPE ProLiant XL450 Gen10 700TB Server for Cohesity DataPlatform	R3R75B
HPE ProLiant DL360 Gen10 Server for Cohesity DataPlatform	
HPE ProLiant DL360 Gen10 8TB Remote Office Branch Office Server for Cohesity DataPlatform	R4H39A
HPE ProLiant DL360 Gen10 16TB Remote Office Branch Office Server for Cohesity DataPlatform	R4H40A
HPE ProLiant DL360 Gen10 Configure-to-order Compute Server for Cohesity DataPlatform	R6A41A
HPE ProLiant DL360 Gen10 Compute Server for Cohesity DataPlatform	R6B37A

Notes: The Compute Servers do not require any additional Cohesity software licensing and are available as a pre-configured model (R6B37A) or with a choice of power supplies and network adapters.

HPE Solutions for Cohesity DataPlatform – Skylake configurations

HPE ProLiant DL380 Gen10 48TB Server for Cohesity DataPlatform	R0Q30A
HPE ProLiant DL380 Gen10 96TB Server for Cohesity DataPlatform	R0Q31A
HPE Apollo r2200 Gen10 System for Cohesity DataPlatform	R0R03A
HPE ProLiant XL170r Gen10 24TB Server for Cohesity DataPlatform	R0R04A
HPE ProLiant XL170r Gen10 36TB Server for Cohesity DataPlatform	R0R05A
HPE ProLiant XL170r Gen10 24TB Add-on Server for Cohesity DataPlatform	R3R76A
HPE ProLiant XL170r Gen10 36TB Add-on Server for Cohesity DataPlatform	R3R77A
HPE Apollo 4510 Gen10 System for Cohesity DataPlatform	R3R72A
HPE ProLiant XL450 Gen10 200TB Server for Cohesity DataPlatform	R3R73A
HPE ProLiant XL450 Gen10 400TB Server for Cohesity DataPlatform	R3R74A
HPE ProLiant XL450 Gen10 700TB Server for Cohesity DataPlatform	R3R75A

Notes: The Skylake SKUs for DL380, Apollo 2000, and Apollo 4510 (ending in A) have entered their end of life phase, but remain available to order through September 2020. They are replaced by the new Cascade Lake configurations. For SKU R0Q30A, the equivalent is R0Q30B.

Cohesity DataPlatform Premium Edition 1TB

Cohesity DataPlatform Premium Edition 1TB 1-month Subscription and Support E-LTU	R4S44AAE
Cohesity DataPlatform Premium Edition 1TB 1yr Subscription and Support E-LTU	R4S45AAE
Cohesity DataPlatform Premium Edition 1TB 2yr Subscription and Support E-LTU	R4S46AAE
Cohesity DataPlatform Premium Edition 1TB 3yr Subscription and Support E-LTU	R4S47AAE
Cohesity DataPlatform Premium Edition 1TB 4yr Subscription and Support E-LTU	R4S48AAE
Cohesity DataPlatform Premium Edition 1TB 5yr Subscription and Support E-LTU	R4S49AAE

Overview

Description	SKU
Cohesity DataPlatform Standard Edition 1TB	
Cohesity DataPlatform Standard Edition 1TB 1-month Subscription and Support E-LTU	R4C01AAE
Cohesity DataPlatform Standard Edition 1TB 1yr Subscription and Support E-LTU	R1Y22AAE
Cohesity DataPlatform Standard Edition 1TB 2yr Subscription and Support E-LTU	R1Y23AAE
Cohesity DataPlatform Standard Edition 1TB 3yr Subscription and Support E-LTU	R1Y24AAE
Cohesity DataPlatform Standard Edition 1TB 4yr Subscription and Support E-LTU	R1Y25AAE
Cohesity DataPlatform Standard Edition 1TB 5yr Subscription and Support E-LTU	R1Y26AAE
Cohesity DataPlatform Base Edition 1TB 1	
Cohesity DataPlatform Base Edition 1TB 1-month Subscription and Support E-LTU	R4C02AAE
Cohesity DataPlatform Base Edition 1TB 1yr Subscription and Support E-LTU	R1Y27AAE
Cohesity DataPlatform Base Edition 1TB 2yr Subscription and Support E-LTU	R1Y28AAE
Cohesity DataPlatform Base Edition 1TB 3yr Subscription and Support E-LTU	R1Y29AAE
Cohesity DataPlatform Base Edition 1TB 4yr Subscription and Support E-LTU	R1Y30AAE
Cohesity DataPlatform Base Edition 1TB 5yr Subscription and Support E-LTU	R1Y31AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB	
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 1-month E-LTU	R4C03AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 1yr E-LTU	R3N92AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 2yr E-LTU	R3N93AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 3yr E-LTU	R3N94AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 4yr E-LTU	R3N95AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 5yr E-LTU	R3N96AAE
Cohesity DataPlatform Edge Remote Office Branch Office	
Cohesity DataPlatform Edge Remote Office Branch Office 1-month Subscription and Support E-LTU	R4S50AAE
Cohesity DataPlatform Edge Remote Office Branch Office 1yr Subscription and Support E-LTU	R4S51AAE
Cohesity DataPlatform Edge Remote Office Branch Office 2yr Subscription and Support E-LTU	R4S52AAE
Cohesity DataPlatform Edge Remote Office Branch Office 3yr Subscription and Support E-LTU	R4S53AAE
Cohesity DataPlatform Edge Remote Office Branch Office 4yr Subscription and Support E-LTU	R4S54AAE
Cohesity DataPlatform Edge Remote Office Branch Office 5yr Subscription and Support E-LTU	R4S55AAE
Cohesity DataPlatform Edge Virtual Edition	
Cohesity DataPlatform Edge Virtual Edition 1TB 1-month Subscription and Support E-LTU	R4C04AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 1yr Subscription and Support E-LTU	R1Y37AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 2yr Subscription and Support E-LTU	R1Y38AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 3yr Subscription and Support E-LTU	R1Y39AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 4yr Subscription and Support E-LTU	R1Y40AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 5yr Subscription and Support E-LTU	R1Y41AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade	
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 1-month Subscription and Support E-LTU	R4V69AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 1yr Subscription and Support E-LTU	R4V70AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 2yr Subscription and Support E-LTU	R4V71AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 3yr Subscription and Support E-LTU	R4V72AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 4yr Subscription and Support E-LTU	R4V73AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 5yr Subscription and Support E-LTU	R4V74AAE

Overview

Description	SKU
Cohesity DataProtect 1TB Add-on	
Cohesity DataProtect 1TB Add-on 1-month Subscription and Support E-LTU	R4C05AAE
Cohesity DataProtect 1TB Add-on 1yr Subscription and Support E-LTU	R1Y52AAE
Cohesity DataProtect 1TB Add-on 2yr Subscription and Support E-LTU	R1Y53AAE
Cohesity DataProtect 1TB Add-on 3yr Subscription and Support E-LTU	R1Y54AAE
Cohesity DataProtect 1TB Add-on 4yr Subscription and Support E-LTU	R1Y55AAE
Cohesity DataProtect 1TB Add-on 5yr Subscription and Support E-LTU	R1Y56AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on	
Cohesity DataProtect and Unlimited Archive 1TB Add-on 1-month Subscription and Support E-LTU	R4C09AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 1yr Subscription and Support E-LTU	R3P02AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 2yr Subscription and Support E-LTU	R3P03AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 3yr Subscription and Support E-LTU	R3P04AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 4yr Subscription and Support E-LTU	R3P05AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 5yr Subscription and Support E-LTU	R3P06AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB	
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 1-month Subscription and Support E-LTU	R4V75AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 1yr Subscription and Support E-LTU	R4V76AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 2yr Subscription and Support E-LTU	R4V77AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 3yr Subscription and Support E-LTU	R4V78AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 4yr Subscription and Support E-LTU	R4V79AAE
Cohesity DataProtect and Unlimited CloudArchive Upgrade 1TB 5yr Subscription and Support E-LTU	R4V80AAE
DataProtect Kroll Ontrack PowerControls	
Cohesity DataProtect Kroll Ontrack PowerControls Add-on E-LTU	R2D30AAE
Kroll Ontrack PowerControls for Cohesity DataProtect 1yr 24x7 Premium Support	R3P08AAE
DataProtect QStar Archive Manager	
Cohesity DataProtect QStar Archive Manager 100TB Add-on E-LTU	R2D31AAE
QStar Archive Manager for Cohesity DataProtect 100TB 1yr 24x7 Premium Support	R3P09AAE
Cohesity DataProtect QStar Archive Manager 200TB Add-on E-LTU	R2D32AAE
QStar Archive Manager for Cohesity DataProtect 200TB 1yr 24x7 Premium Support	R3P10AAE
Cohesity DataProtect QStar Archive Manager 500TB Add-on E-LTU	R2D33AAE
QStar Archive Manager for Cohesity DataProtect 500TB 1yr 24x7 Premium Support	R3P11AAE
Cohesity DataProtect QStar Archive Manager 1000TB Add-on E-LTU	R2D34AAE
QStar Archive Manager for Cohesity DataProtect 1PB 1yr 24x7 Premium Support	R3P12AAE
Cohesity DataProtect QStar Archive Manager Remote Deployment Service	R2D35AAE
Cohesity Cloud Starter	
Cohesity Cloud 50TB 1yr Starter Subscription and Support E-LTU	R4V68AAE

Overview

Description	SKU
Cohesity CloudArchive 1TB Add-on	
Cohesity CloudArchive 1TB Add-on 1-month Subscription and Support E-LTU	R4C06AAE
Cohesity CloudArchive 1TB Add-on 1yr Subscription and Support E-LTU	R1Y42AAE
Cohesity CloudArchive 1TB Add-on 2yr Subscription and Support E-LTU	R1Y43AAE
Cohesity CloudArchive 1TB Add-on 3yr Subscription and Support E-LTU	R1Y44AAE
Cohesity CloudArchive 1TB Add-on 4yr Subscription and Support E-LTU	R1Y45AAE
Cohesity CloudArchive 1TB Add-on 5yr Subscription and Support E-LTU	R1Y46AAE

Description	SKU
Cohesity CloudArchive Direct 1TB Add-on	
Cohesity CloudArchive Direct 1TB Add-on 1-month Subscription and Support E-LTU	R4C15AAE
Cohesity CloudArchive Direct 1TB Add-on 1yr Subscription and Support E-LTU	R4C10AAE
Cohesity CloudArchive Direct 1TB Add-on 2yr Subscription and Support E-LTU	R4C11AAE
Cohesity CloudArchive Direct 1TB Add-on 3yr Subscription and Support E-LTU	R4C12AAE
Cohesity CloudArchive Direct 1TB Add-on 4yr Subscription and Support E-LTU	R4C13AAE
Cohesity CloudArchive Direct 1TB Add-on 5yr Subscription and Support E-LTU	R4C14AAE
Cohesity CloudTier 1TB Add-on	
Cohesity CloudTier 1TB Add-on 1-month Subscription and Support E-LTU	R4C08AAE
Cohesity CloudTier 1TB Add-on 1yr Subscription and Support E-LTU	R1Y47AAE
Cohesity CloudTier 1TB Add-on 2yr Subscription and Support E-LTU	R1Y48AAE
Cohesity CloudTier 1TB Add-on 3yr Subscription and Support E-LTU	R1Y49AAE
Cohesity CloudTier 1TB Add-on 4yr Subscription and Support E-LTU	R1Y50AAE
Cohesity CloudTier 1TB Add-on 5yr Subscription and Support E-LTU	R1Y51AAE
Cohesity CloudSpin 25 VM Add-on	
Cohesity CloudSpin 25 VM Add-on Pack 1-month Subscription and Support E-LTU	R4C07AAE
Cohesity CloudSpin 25 VM Add-on Pack 1yr Subscription and Support E-LTU	R1Y57AAE
Cohesity CloudSpin 25 VM Add-on Pack 2yr Subscription and Support E-LTU	R1Y58AAE
Cohesity CloudSpin 25 VM Add-on Pack 3yr Subscription and Support E-LTU	R1Y59AAE
Cohesity CloudSpin 25 VM Add-on Pack 4yr Subscription and Support E-LTU	R1Y60AAE
Cohesity CloudSpin 25 VM Add-on Pack 5yr Subscription and Support E-LTU	R1Y61AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on	
Cohesity Cloud Snapshot Manager 25 Instances Add-on 1-month Subscription and Support E-LTU	R4V62AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 1yr Subscription and Support E-LTU	R4V63AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 2yr Subscription and Support E-LTU	R4V64AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 3yr Subscription and Support E-LTU	R4V65AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 4yr Subscription and Support E-LTU	R4V66AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 5yr Subscription and Support E-LTU	R4V67AAE

Overview

Description	SKU
Cohesity Agile Development and Test 1TB	
Cohesity Agile Development and Test 1TB 1-month Subscription and Support E-LTU	R4V81AAE
Cohesity Agile Development and Test 1TB 1yr Subscription and Support E-LTU	R4V82AAE
Cohesity Agile Development and Test 1TB 2yr Subscription and Support E-LTU	R4V83AAE
Cohesity Agile Development and Test 1TB 3yr Subscription and Support E-LTU	R4V84AAE
Cohesity Agile Development and Test 1TB 4yr Subscription and Support E-LTU	R4V85AAE
Cohesity Agile Development and Test 1TB 5yr Subscription and Support E-LTU	R4V86AAE
Cohesity Helios Premium 1TB	
Cohesity Helios Premium 1TB 1-month Subscription and Support E-LTU	R4C16AAE
Cohesity Helios Premium 1TB 1yr Subscription and Support E-LTU	R3N97AAE
Cohesity Helios Premium 1TB 2yr Subscription and Support E-LTU	R3N98AAE
Cohesity Helios Premium 1TB 3yr Subscription and Support E-LTU	R3N99AAE
Cohesity Helios Premium 1TB 4yr Subscription and Support E-LTU	R3P00AAE
Cohesity Helios Premium 1TB 5yr Subscription and Support E-LTU	R3P01AAE
Cohesity Installation	
Cohesity Small Cluster Onsite Installation Service	R3P27AAE
Cohesity Medium Cluster Onsite Installation Service	R3P28AAE
Cohesity Large Cluster Onsite Installation Service	R3P29AAE
Cohesity Extra Large Cluster Onsite Installation Service	R3P30AAE
Cohesity Backup Job Services	
Cohesity Small Backup Jobs Configuration Onsite Service	R3P31AAE
Cohesity Medium Backup Jobs Configuration Onsite Service	R3P32AAE
Cohesity Large Backup Jobs Configuration Onsite Service	R3P33AAE
Cohesity Professional Services	
Cohesity Regional Technical Account Manager 6-month Support	R1Y64AAE
Cohesity Regional Technical Account Manager 1yr Support	R1Y65AAE
Cohesity Regional Technical Account Manager 3yr Support	R1Y66AAE
Cohesity Regional Technical Account Manager 5yr Support	R3P40AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 6-month Support	R3P41AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 1yr Support	R3P42AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 3yr Support	R3P43AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 5yr Support	R3P44AAE
Cohesity Training Services	
Cohesity 1 Student 1-day Online Training Service	R3P21AAE
Cohesity 12 Students 1-day Online Training Service	R3P22AAE
Cohesity 1 Student 1-day Onsite Training Service	R3P23AAE
Cohesity 12 Students 2-day Onsite Training Service	R3P24AAE
Cohesity 12 Students 3-day Onsite Training Service	R3P25AAE
Cohesity 12 Students 4-day Onsite Training Service	R3P26AAE

Standard Features

Cohesity DataPlatform
Cohesity DataPlatform™ consolidates secondary data and applications including backups, files, objects, test/dev, and analytics on a single, software-defined platform. Inspired by web-scale architecture, DataPlatform is a scale-out solution based on a unique distributed file system, SpanFS®. DataPlatform modernizes and simplifies secondary data and application management by providing one platform for multiple secondary workloads.

Key Features
- Hyperconverged Architecture: Cohesity SpanFS, a distributed file system; Web-scale architecture with unlimited scalability; Non-disruptive upgrades; Unlimited, distributed snaps and clones with no performance impact with Cohesity SnapTree
- Multi-protocol support: Distributed volumes with multiprotocol NFS, SMB, and S3 access; support for simultaneous sequential and random IOs
- Storage Efficiency: Global deduplication across all nodes, variable length, inline, or post-process; Compression, including Zstandard; Erasure coding 2:1, 4:2, and 5:2, and replication factor
- Data Resiliency: Strict consistency across nodes within a cluster, ensuring data resiliency and that reads always return the most recent data; Two node and two disk failure tolerance support
- Global Search: Automated global indexing; Wildcard searches for any VM, file, or object on the platform
- Flexible Deployment: Software-defined solution for on-premises, public cloud, and virtual infrastructure and edge sites
- Public Cloud Integratrion: Native cloud integration with all leading public clouds including AWS, Microsoft Azure, Google Cloud Platform, and any S3 compatible clouds, as well as AWS Govcloud and Microsoft Azure GovCloud
- Global Management: API-first architecture; RESTful API; OpenAPI standard
- Encryption: Software-defined AES-256, FIPS compliant encryption of data in flight and at rest

Cohesity DataPlatform Capabilities		
	DataPlatform Base	**DataPlatform Standard/**
Enterprise Class Storage		
Unlimited Scalability (web-scale)	√	√
NFS, SMB, S3, Multi-protocol Support	√	√
Non-disruptive Software Upgrades	√	√
Non-disruptive Add/Remove Nodes/ Blocks	√	√
Unlimited, Distributed Snaps	√	√
Unlimited Clones	-	√
Multi-Tenancy	√	√
Agile Dev/Test	√	√
User Quotas, Storage quotas	-	√
Capacity Optimization		
Global Variable-Length Dedupe	-	√
Compression	-	√
Data Integrity		
Data Resiliency w/ Strict Consistency	√	√
Two Node and Three Disk Fault Tolerance Support	√	√
Chassis or Rack Fault Tolerance Support	√	√
Automated Data/App Mobility		
Archive to Cloud/On-premises	√	√
Automated Data Tiering	√	√
Make Data Productive		
Cohesity Native Apps (AWB)	√	√
Cohesity Marketplace Apps	√	√

Standard Features

	DataPlatform Base	DataPlatform Standard/
Security		
Datalock - WORM for Security	-	√
Encryption AES-256 (In-flight / at rest)	√	√
Supported Environments		
Public Cloud	√	√
Physical (on certified appliances)	√	√
Virtualized	-	√
Edge/ROBO	-	√
Supported Workloads		
Backup Target	√	√
IOT Big Data	√	√
Video Surveillance	√	√
Healthcare Pacs	√	√
Hadoop and Splunk Cold Buckets	√	√
Archive	√	√
Backup and Recovery	-	√
Disaster Recovery	-	√
Home Directories	-	√
File Shares	-	√
Web-Scale NAS	-	√
App Development and Test	-	√
Data Analytics	√	√

Cohesity DataProtect

Cohesity DataProtect is a high-performance, software-defined data protection solution for modern, application driven infrastructure that spans from the core to the cloud and edge. Complementing Cohesity DataPlatform, it delivers comprehensive protection with policy-based management for all workloads, anywhere—virtual and physical, databases, NAS, cloud environments, and business-critical applications—on a single, web-scale platform that converges backup, recovery, replication, and target storage

Key Features:
- Recovery level: Granular recovery of files, folders, objects; Volume recoveries; Instant volume mounts; Instant restores of VMs
- Long-term Archival: Public cloud infrastructure, S3 and NFS compatible devices; Tape support using QStar archive manager
- Hyperconverged Architecture: Converges backup, recovery, replication and scale-out target storage
- Protected Workloads:
  - Hypervisors: VMware vSphere (5.5 and newer), Microsoft Hyper-V (2016 v8.0, 2012 R2 v5.0)
  - AHV (5.5.3.1, 5.1.1) and RHV
  - Physical: Windows, RHEL, CentOS, AIX (7.x), and Solaris
  - Databases: Oracle (11g R2, 12c) and SQL (2008 and newer)
  - Applications: MS Exchange (2010 SP3 and newer), O365 and SAP HANA

Cohesity DataProtect and Unlimited Archive

Cohesity DataProtect and Unlimited Archive is backup software for virtual and physical environments with ability to archive unlimited copies of backed up data to supported external archive targets. Customer must separately procure storage capacity from a supported external archive target. Subscription per TB of backend storage used for backup.

Standard Features

Cohesity DataProtect Kroll Ontrack PowerControls

Kroll Ontrack® PowerControls™ is a forensically sound email management tool that helps IT administrators granularly search and restore mailboxes, messages, attachments and other Microsoft® Office Outlook items – without restoring the entire database.

Cohesity CloudArchive

CloudArchive gives you the option to seamlessly archive datasets for extended retention from the Cohesity Data Platform through pre-built integrations with Google Nearline, Microsoft Azure and Amazon S3, Glacier. Cohesity CloudArchive is a more cost-effective archiving alternative than copying data to local media and then transporting it to a secure, remote location for long-term retention.

Cohesity CloudArchive Direct

CloudArchive Direct provides the ability to archive data to supported external archive targets without storing it on the local cluster. Subscription per TB of data stored in supported external archive target after deduplication and compression. Customer must separately procure storage capacity from a supported external archive target.

Cohesity CloudTier

CloudTier gives you the power to use public cloud as an extension of their on-premise storage. It dynamically increases local storage capacity, by moving seldom-accessed data blocks into the cloud. The policy-based waterfall model delivers transparent cloud tiering managed from the Cohesity Data Platform console so that end users no longer have to worry about exceeding on-premise capacity during temporary or seasonal demand spikes.

Cohesity CloudSpin

CloudSpin, a Cohesity DataPlatform capability specifically built for public cloud, eliminates the need for expensive copies of data by allowing the use of on-premises backup data in the cloud. CloudSpin addresses the format issues inherent in on-premises-to-cloud mobility by allowing the conversion of on-premises VMs to appropriate cloud formats. Spinning up new VMs in the cloud is easy with CloudSpin using idle back-up data from the on-premises environment. With CloudSpin, IT can make idle backup data more valuable by using it for test/dev with the assurance that the platform provides native data protection in the cloud. Moreover, Cohesity boosts operational efficiency by providing an easy path to quickly move applications back on-premises, as needed, for production.

Cohesity Cloud Snapshot Manager

Cohesity Cloud Snapshot Manager Subscription provides protection for cloud resources using snapshot management. Each subscription license enables this feature for up to 25 instances of supported cloud services. Customer must separately procure Cohesity DataPlatform.

Cohesity Agile Development and Test

Cohesity Agile Dev and Test allows enterprises to instantly provision – and manage – high-fidelity data to development and test teams. Cohesity's zero-cost clones enable you to accelerate the development of high-quality applications, while tackling the mass data fragmentation challenge. Subscription license per TB of DataProtect backend storage.

Cohesity Helios

Helios, is SaaS-based, global secondary data and application management. Helios provides a single global view for you to actively manage all your secondary data and applications — on-premises, in the public cloud, and edge. Add Cohesity Helios to your multicluster environment, and you gain unprecedented global access and control over all your secondary data and apps.

For more information see: **http://www.cohesity.com**

Service and Support

Cohesity Service and Support

Service and Support for Cohesity products are provided directly by Cohesity. For any support and generic queries please email to support@cohesity.com. Cohesity licensors service delivery organization will be responsible for responding with a call, assigning a severity level to the call, and determining the service Severity Level acceptable to Hewlett Packard Enterprise customer. The support request will be processed by Cohesity in accordance with the Severity Level agreed upon.

For more information: https://www.cohesity.com/support/

Cohesity Software Warranty

For a period of ninety (90) days from the Start Date, Cohesity warrants (a) that the media on which the software is delivered will be free of defects in material and workmanship, and (b) the software will operate substantially as set forth in the applicable Cohesity specifications when used in accordance with the terms of the Cohesity software license. End User's exclusive remedy and the entire liability of Cohesity and its suppliers under this limited warranty will be replacement of the software media. Except for the foregoing, the software is provided AS IS. This limited warranty extends only to the End User as the original licensee. See other Warranty Limitations and Restrictions below.

Restrictions

Cohesity warranties as set forth herein ("Warranty") are contingent on proper use of the HPE hardware and software ("Products") and do not apply if (a) the Products have been modified without the written approval of Cohesity, (b) the Products' serial number label is removed, (c) the Product has been damaged or subjected to abnormal physical or electrical stress, abnormal environmental conditions, misuse, negligence, or accident, or (d) the Product is licensed for beta, evaluation, testing or demonstration purposes. In order to ensure proper operation of Cohesity products, it is required that all Cohesity systems. Cohesity reserves the right to void warranty and service support offerings if optical transceiver components other than those supplied by HPE are used in the operation of Cohesity products. The terms of the Warranty are limited to the remedies as set forth in this Warranty. This warranty is provided in lieu of all other rights, conditions and warranties. Cohesity makes no other express or implied warranty with respect to the software, hardware, products, documentation or Cohesity support, including, without limitation, any warranty of merchantability, fitness for a particular purpose and non-infringement of third party rights. Cohesity does not warrant that any products will be error-free, or that any defects that may exist in its products can be corrected. In no event shall Cohesity be liable for cost of procurement of substitute goods, lost profits or any other special, indirect, consequential or incidental damages (including but not limited to lost data), however caused whether or not Cohesity has been advised of the possibility of such damages. Some jurisdictions do not allow limitation or exclusion of liability for consequential or incidental damages, so that limitation or exclusion may not apply.

Protect your business beyond warranty with HPE Support Services

HPE Pointnext provides a comprehensive portfolio including Advisory and Transformational, Professional, and Operational Services to help accelerate your digital transformation. From the onset of your transformation journey, Advisory and Transformational Services focus on designing the transformation and creating a solution roadmap. Professional Services specializes in creative configurations with flawless and on-time implementation, and on-budget execution. Finally, operational services provides innovative new approaches like Flexible Capacity and Datacenter Care, to keep your business at peak performance. HPE is ready to bring together all the pieces of the puzzle for you, with an eye on the future, and make the complex simple.

Connect your devices

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Reduce down time, increase diagnostic accuracy and have a single consolidated view of your environment. By connecting, you will receive 24x7monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Proactive Care Service and HPE Datacenter Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization. All of these benefits are already available to you with your server storage and networking products, securely connected to HPE support. Learn more about getting connected at **http://www.hpe.com/services/getconnected**

Service and Support

Discover, plan, and design
Choose from a rich portfolio of services to make the most of HPE Solutions for Cohesity DataPlatfrom , so you can efficiently and affordably consolidate, manage, and extract value from unstructured data. Hewlett Packard Enterprise Services can help you discover needs and create a plan for simplifying the environment, reducing risk, and maximizing your storage investments.

HPE Backup Recovery Impact Analysis - Focus placed on service requirements and design as the key to success for gaining a clear understanding of the role of increasingly diverse data protection strategies.

HPE Storage Cloud Design Service - Build a scalable, low-cost enterprise storage environment with inherent cloud benefits to meet big data needs.

Operate and support
Choose the right support to maximize uptime, free up your resources, and achieve improved value-as you get the most out of the existing IT assets while accelerating time-to-revenue.

HPE Proactive Care Support Service
HPE Proactive Care gives customers an enhanced call experience. When your products are connected to HPE, Proactive Care helps prevent problems and maintains IT stability by utilizing personalized proactive reports with recommendations and advice. This service includes available response times of next business day, 4 hour response or 6 hour to repair with answers to software questions within two hours. Hewlett Packard Enterprise is the only leading manufacturer who makes this level of coverage available as a standard service offering for your most valuable servers.
http://www.hpe.com/services/proactivecare

HPE Foundation Care Support Service
HPE Foundation Care connects you to Hewlett Packard Enterprise 24 hours a day, seven days a week for assistance on resolving issues -This service includes available response times of next business day, 4 hour response or 6 hour to repair with answers to software questions within two hours. Hewlett Packard Enterprise is the only leading manufacturer who makes this level of coverage available as a standard service offering for your most valuable servers. In addition, Collaborative software support is included and provides troubleshooting assistance on industry leading software running on your server. Simplify your support experience and make Hewlett Packard Enterprise your first call to help resolve hardware or software problems.
http://www.hpe.com/services/foundationcare

HPE Datacenter Care service
HPE Datacenter Care helps improve IT stability and security, increase the value of IT, and enable agility and innovation. It is a structured framework of repeatable, tested, and globally available services "building blocks." You can deploy, operate, and evolve your datacenter wherever you are on your IT journey. With HPE Datacenter Care, you benefit from a personalized relationship with Hewlett Packard Enterprise via a single point of accountability for HPE and others' products.
For more information, visit: **http://www.hpe.com/services/datacentercare**

HPE Education Services
Keep your IT staff trained making sure they have the right skills to deliver on your business outcomes. Book on a class today and learn how to get the most from your technology investment. **http://www.hpe.com/ww/learn**

Optimized Care
HPE Proactive Care* with 6 hour call-to-repair commitment, three year Support Service
HPE Proactive Care gives customers an enhanced call experience. When your products are connected to HPE, Proactive Care helps prevent problems and maintains IT stability by utilizing personalized proactive reports with recommendations and advice. This Service combines three years' proactive reporting and advice with our highest level of hardware support - HPE's 24x7, six hour hardware call-to-repair. Hewlett Packard Enterprise is the only leading manufacturer who makes this level of coverage available as a standard service offering for your most valuable servers.
https://www.hpe.com/h20195/v2/GetPDF.aspx/4AA3-8855ENW.pdf

Service and Support

Notes:*HPE Proactive Care and HPE Proactive Care Advanced require that the customer connect their devices to make the most of these services and receive all the deliverables. HPE Insight Remote Support is available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

Standard Care
HPE Proactive Care* with 24x7 coverage, three year Support Service

HPE Proactive Care gives customers an enhanced call experience. When your products are connected to HPE, Proactive Care helps prevent problems and maintains IT stability by utilizing personalized proactive reports with recommendations and advice This Service combines three years proactive reporting and advice with our 24x7 coverage, four hour hardware response time when there is a problem.
https://www.hpe.com/h20195/v2/GetPDF.aspx/4AA3-8855ENW.pdf

Notes:*HPE Proactive Care and HPE Proactive Care Advanced require that the customer connect their devices to make the most of these services and receive all the deliverables. HPE Insight Remote Support is available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

Basic Care
HPE Foundation Care 24x7, three-year Support Service

HPE Foundation Care 24x7 gives you access to Hewlett Packard Enterprise 24 hours a day, seven days a week for assistance on resolving issues. This service includes need based Hardware onsite response within four hours. In addition, collaborative software support is included in this service that provides troubleshooting assistance on industry leading software running on your HPE server. Simplify your support experience and make Hewlett Packard Enterprise your first call to help resolve hardware or software problems. **https://www.hpe.com/h20195/v2/getdocument.aspx?docname=4AA4-8876ENW**

Parts and Materials
Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

Warranty of Proliant DL360 Gen10
This product is covered by a global limited warranty and supported by HPE Services and a worldwide network of HPE Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:
http://h17007.www1.hpe.com/us/en/enterprise/servers/warranty/

Service and Support

Warranty of ProLiant DL380 Gen10

This product is covered by a global limited warranty and supported by HPE Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:
https://support.hpe.com/hpsc/wc/public/home

Warranty of Apollo r2200/ProLiant XL170r Gen10

This product is covered by a global limited warranty and supported by Hewlett Packard Enterprise Services and a worldwide network of Hewlett Packard Enterprise Authorized Channel Partners (may vary by region). Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:
http://www.hpe.com/support/ProLiantServers-warranties

Warranty of Apollo 4510/ProLiant XL450 Gen10

This product is covered by a global limited warranty and supported by HPE Services and a worldwide network of HPE Authorized Channel Partners resellers. Hardware diagnostic support and repair is available for three years from date of purchase. Support for software and initial setup is available for 90 days from date of purchase. Enhancements to warranty services are available through HPE Pointnext operational services or customized service agreements. Hard drives have either a one year or three year warranty; refer to the specific hard drive QuickSpecs for details.

Notes: Server Warranty includes 3-Year Parts, 3-Year Labor, 3-Year Onsite support with next business day response. Warranty repairs may be accomplished through the use of Customer Self Repair (CSR) parts. These parts fall into two categories: 1) Mandatory CSR parts are designed for easy replacement. A travel and labor charge will result when customers decline to replace a Mandatory CSR part; 2) Optional CSR parts are also designed for easy replacement but may involve added complexity. Customers may choose to have Hewlett Packard Enterprise replace Optional CSR parts at no charge. Additional information regarding worldwide limited warranty and technical support is available at:
http://h17007.www1.hpe.com/us/en/enterprise/servers/warranty/

Configuration Information

HPE Solutions for Cohesity DataPlatfrom are built as follows:

Step-1: Select nodes (and chassis for Apollo 2000 or Apollo 4510)

Notes:. A minimum of three server nodes are required for deployment of a Cohesity DataPlatform cluster when using DL360 Gen Performance Server, DL380 Gen10, Apollo r2200/XL170r Gen10 or Apollo 4510 Gen10 based hardware.

Description	SKU
HPE ProLiant DL360 Gen10 32TB Performance Server for Cohesity DataPlatform	R4R11A

Notes:. The DL360 G10 Performance Server is a pre-configured SKU. For details of what's included see specifications section.

Cascade Lake

HPE ProLiant DL380 Gen10 48TB Configure-to-order Server for Cohesity DataPlatform	R0Q30B
HPE ProLiant DL380 Gen10 48TB Server for Cohesity DataPlatform	R6B35A
HPE ProLiant DL380 Gen10 96TB Configure-to-order Server for Cohesity DataPlatform	R0Q31B
HPE ProLiant DL380 Gen10 96TB Server for Cohesity DataPlatform	R6B36A

Notes: The new Cascade Lake DL380 configurations are available as pre-configured SKUs (R6B35A/R6B36A) with dual power supplies, a 4-port 10Gb FlexLOM, and a 2-port 10/25Gb adapter. The CTO servers are available to configure with select power supplies and network adapters.

HPE Apollo r2200 Gen10 System for Cohesity DataPlatform	R0R03B
HPE ProLiant XL170r Gen10 24TB Server for Cohesity DataPlatform	R0R04B
HPE ProLiant XL170r Gen10 36TB Server for Cohesity DataPlatform	R0R05B

Notes:. SKU R0R03B is a 2U chassis that can host from one to four XL170r Gen10 server nodes (R0R04B or R0R05B) when configured with dual 1600W AC power supplies. If using DC power supplies, only two nodes are allowed per chassis.

HPE ProLiant XL170r Gen10 24TB Add-on Server for Cohesity DataPlatform	R3R76B
HPE ProLiant XL170r Gen10 36TB Add-on Server for Cohesity DataPlatform	R3R77B

Notes:. SKU R3R76A or R3R77A are for adding nodes to an installed Apollo r2200 Gen10 System with less than 4 nodes present in the chassis. Do not use these SKUs in new factory orders for Apollo r2200 Gen10/XL170r Gen10 systems.

HPE Apollo 4510 Gen10 System for Cohesity DataPlatform	R3R72B
HPE ProLiant XL450 Gen10 200TB Server for Cohesity DataPlatform	R3R73B
HPE ProLiant XL450 Gen10 400TB Server for Cohesity DataPlatform	R3R74B
HPE ProLiant XL450 Gen10 700TB Server for Cohesity DataPlatform	R3R75B

Notes:. SKU R3R72B is a 4U chassis that hosts one XL450 Gen10 server nodes (R3R73B, R3R74B or R3R75B) and the nodes SSDs and HDDs. SKU R3R72A must always be ordered with SKU R3R73B, R3R74B or R3R75B.

HPE ProLiant DL360 Gen10 8TB Remote Office Branch Office Server for Cohesity DataPlatform	R4H39A
HPE ProLiant DL360 Gen10 16TB Remote Office Branch Office Server for Cohesity DataPlatform	R4H40A

Notes: DL360 Gen10 servers for enterprise ROBO and edge deployments of Cohesity DataPlatform, combining backup and recovery, cloud archival, and file and object services in a single optimized and right-sized platform for branch offices

Configuration Information

Description	SKU

Skylake

HPE ProLiant DL380 Gen10 48TB Server for Cohesity DataPlatform	R0Q30A
HPE ProLiant DL380 Gen10 96TB Server for Cohesity DataPlatform	R0Q31A
HPE Apollo r2200 Gen10 System for Cohesity DataPlatform	R0R03A

Notes:. SKU R0R03A is a 2U chassis that can host from one to four XL170r Gen10 server nodes (R0R04A or R0R05A).

HPE ProLiant XL170r Gen10 24TB Server for Cohesity DataPlatform	R0R04A
HPE ProLiant XL170r Gen10 36TB Server for Cohesity DataPlatform	R0R05A
HPE ProLiant XL170r Gen10 24TB Add-on Server for Cohesity DataPlatform	R3R76A
HPE ProLiant XL170r Gen10 36TB Add-on Server for Cohesity DataPlatform	R3R77A

Notes:. SKU R3R76A or R3R77A are for adding nodes to an installed Apollo r2200 Gen10 System with less than 4 nodes present in the chassis. Do not use these SKUs in new factory orders for Apollo r2200 Gen10/XL170r Gen10 systems.

| HPE Apollo 4510 Gen10 System for Cohesity DataPlatform | R3R72A |

Notes:. SKU R3R72A is a 4U chassis that hosts one XL450 Gen10 server nodes (R3R73A, R3R74A or R3R75A) and the nodes SSDs and HDDs. SKU R3R72A must always be ordered with SKU R3R73A, R3R74A or R3R75A.

HPE ProLiant XL450 Gen10 200TB Server for Cohesity DataPlatform	R3R73A
HPE ProLiant XL450 Gen10 400TB Server for Cohesity DataPlatform	R3R74A
HPE ProLiant XL450 Gen10 700TB Server for Cohesity DataPlatform	R3R75A

Notes:. A minimum of three server nodes are required for deployment of a Cohesity DataPlatform cluster when using DL380 Gen10, Apollo r2200/XL170r Gen10, Apollo 4510 Gen10 or DL360 Gen10 Performance servers.

Step-2: Select Cohesity DataPlatform Software Subscriptions

Cohesity DataPlatform Premium Edition is only applicable to the ProLiant DL380 Gen10 32TB Performance Server

Cohesity DataPlatform Premium Edition 1TB 1-month Subscription and Support E-LTU	R4S44AAE
Cohesity DataPlatform Premium Edition 1TB 1yr Subscription and Support E-LTU	R4S45AAE
Cohesity DataPlatform Premium Edition 1TB 2yr Subscription and Support E-LTU	R4S46AAE
Cohesity DataPlatform Premium Edition 1TB 3yr Subscription and Support E-LTU	R4S47AAE
Cohesity DataPlatform Premium Edition 1TB 4yr Subscription and Support E-LTU	R4S48AAE
Cohesity DataPlatform Premium Edition 1TB 5yr Subscription and Support E-LTU	R4S49AAE

Notes:

– Cohesity DataPlatform Premium Edition is required when ordering SKU R4R11A in Step 1. Cohesity DataPlatform Premium Edition is licensed by usable capacity which is calculated as: raw node capacity x 95% x 67.66% of total raw capacity based on 2:1 Erasure Coding.
  o SKU R4R11A requires Quantity 20 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Premium Edition licenses
– All Cohesity DataPlatform Premium Edition 1TB SKUs must be of the same term length on the hardware nodes.

Cohesity DataPlatform Standard Edition for deployment on ProLiant DL380 Gen10 based or XL170r Gen10 hardware nodes or for Cohesity clusters deployed in Amazon Web Services, Google Cloud Platform or Microsoft Azure.

Cohesity DataPlatform Standard Edition 1TB 1-month Subscription and Support E-LTU	R4C01AAE
Cohesity DataPlatform Standard Edition 1TB 1yr Subscription and Support E-LTU	R1Y22AAE
Cohesity DataPlatform Standard Edition 1TB 2yr Subscription and Support E-LTU	R1Y23AAE
Cohesity DataPlatform Standard Edition 1TB 3yr Subscription and Support E-LTU	R1Y24AAE
Cohesity DataPlatform Standard Edition 1TB 4yr Subscription and Support E-LTU	R1Y25AAE
Cohesity DataPlatform Standard Edition 1TB 5yr Subscription and Support E-LTU	R1Y26AAE

Configuration Information

Notes:
– Cohesity DataPlatform Standard Edition is required when ordering SKU R0Q30A/R0Q30B, R0Q31A/R0Q31B, R0R04A/R0R04B or R0R05A/R0R05B hardware nodes listed above in Step 1. Cohesity DataPlatform Standard Edition is licensed by usable capacity which is calculated as 67% of total raw capacity based on 2:1 Erasure Coding.
   o SKU R0Q30A/R0Q31B requires Quantity 32 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Standard Edition licenses
   o SKU R0Q31A/R0Q31B requires Quantity 64 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Standard Edition licenses
   o SKU R0R04A/R0R04B requires Quantity 16 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Standard Edition licenses
   o SKU R0R05A/R0R05B requires Quantity 24 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Standard Edition licenses
– All Cohesity DataPlatform Standard Edition 1TB SKUs must be of the same term length on the hardware nodes.
– For Cohesity clusters deployed in cloud platforms, the number of Cohesity DataPlatform Standard Edition SKUs required is equal to the total usable capacity on the cloud cluster.

Description	SKU
Cohesity DataPlatform BaseEdition for deployment on Apollo 4510 Gen10 based hardware nodes	
Cohesity DataPlatform Base Edition 1TB 1-month Subscription and Support E-LTU	R4C02AAE
Cohesity DataPlatform Base Edition 1TB 1yr Subscription and Support E-LTU	R1Y27AAE
Cohesity DataPlatform Base Edition 1TB 2yr Subscription and Support E-LTU	R1Y28AAE
Cohesity DataPlatform Base Edition 1TB 3yr Subscription and Support E-LTU	R1Y29AAE
Cohesity DataPlatform Base Edition 1TB 4yr Subscription and Support E-LTU	R1Y30AAE
Cohesity DataPlatform Base Edition 1TB 5yr Subscription and Support E-LTU	R1Y31AAE

Notes:
– Cohesity DataPlatform Base Edition is required when ordering SKUs R3R73A, R3R74A, or R3R75A hardware nodes listed above in Step 1. Cohesity DataPlatform Base Edition is licensed by usable capacity which is calculated as 67% of total raw capacity raw capacity based on 2:1 Erasure Coding
   o SKU R3R73A/R3R73B requires Quantity 134 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Base Edition licenses
   o SKU R3R74A/R3R74B requires Quantity 268 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Base Edition licenses
   o SKU R3R75A/R3R75B requires Quantity 468 of the 1TB E-LTU of 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Base Edition licenses
– All Cohesity DataPlatform Base Edition 1TB SKUs must be of the same term length on the hardware nodes.
– Cohesity DataPlatform Base Edition is not used for cloud deployments.
– Cohesity DataPlatform Standard Edition licenses can be installed on Apollo 4510 Gen10 nodes if additional features are required. Licensing quantities for the Standard Edition on the Apollo 4510 System is the same as for the Base Edition shown above.

Configuration Information

Description	SKU
Cohesity DataPlatform Base Edition for deployment on DL360 Gen10 based ROBO hardware nodes	
Cohesity DataPlatform Edge Remote Office Branch Office 1-month Subscription and Support E-LTU	R4S50AAE
Cohesity DataPlatform Edge Remote Office Branch Office 1yr Subscription and Support E-LTU	R4S51AAE
Cohesity DataPlatform Edge Remote Office Branch Office 2yr Subscription and Support E-LTU	R4S52AAE
Cohesity DataPlatform Edge Remote Office Branch Office 3yr Subscription and Support E-LTU	R4S53AAE
Cohesity DataPlatform Edge Remote Office Branch Office 4yr Subscription and Support E-LTU	R4S54AAE
Cohesity DataPlatform Edge Remote Office Branch Office 5yr Subscription and Support E-LTU	R4S55AAE

Notes:
– Cohesity DataPlatform Edge ROBO Edition is required when ordering SKUs R4H39A or R4H40A hardware nodes listed above in Step 1. Each SKU of the above Cohesity DataPlatform Edge ROBO Edition licenses is for 1TB of usable capacity. Cohesity DataPlatform Edge ROBO Edition is licensed by usable capacity which is calculated as 50% of total raw capacity based on mirroring of the two data drives in each DL360 Gen10 based ROBO node.
  o SKU R4H39A requires Quantity 4 of the 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Data Platform Edge ROBO Edition licenses
  o SKU R4H40A requires Quantity 8 of the 1yr, 2yr, 3yr, 4yr, 5yr or 1-month Data Platform Edge ROBO Edition licenses
– Cohesity DataPlatform Edge ROBO Edition is not used for cloud deployments.

Step-3: Select Cohesity Software Add-on Subscriptions

Cohesity DataProtect Add-on

Cohesity DataProtect 1TB Add-on 1-month Subscription and Support E-LTU	R4C05AAE
Cohesity DataProtect 1TB Add-on 1yr Subscription and Support E-LTU	R1Y52AAE
Cohesity DataProtect 1TB Add-on 2yr Subscription and Support E-LTU	R1Y53AAE
Cohesity DataProtect 1TB Add-on 3yr Subscription and Support E-LTU	R1Y54AAE
Cohesity DataProtect 1TB Add-on 4yr Subscription and Support E-LTU	R1Y55AAE
Cohesity DataProtect 1TB Add-on 5yr Subscription and Support E-LTU	R1Y56AAE

Notes: Cohesity DataProtect Add-on provides enterprise-class protection for a broad set of virtual, physical, database, application and NAS workloads. Add-on is licensed based on the usable capacity of the Cohesity DataPlatform cluster.

Cohesity DataProtect and Unlimited Archive Add-on

Cohesity DataProtect and Unlimited Archive 1TB Add-on 1-month Subscription and Support E-LTU	R4C09AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 1yr Subscription and Support E-LTU	R3P02AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 2yr Subscription and Support E-LTU	R3P03AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 3yr Subscription and Support E-LTU	R3P04AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 4yr Subscription and Support E-LTU	R3P05AAE
Cohesity DataProtect and Unlimited Archive 1TB Add-on 5yr Subscription and Support E-LTU	R3P06AAE

Notes: Cohesity DataProtect and Unlimited Archive provides enterprise-class protection for a broad set of virtual, physical, database, application and NAS workloads with unlimited copies of backed up data to supported external archive targets. Add-on is licensed per TB of backend storage used for backup.

Cohesity DataProtect Kroll Ontrack PowerControl Add-on

Cohesity DataProtect Kroll Ontrack PowerControls Add-on E-LTU	R2D30AAE

Notes: Kroll Ontrack PowerControls enables granual recovery of Microsoft Exchange, SharePoint and SQL Server data. Each license manages 1,000 Exchange Mailboxes, 25 SQL Server instances and 5 TB of SharePoint data. Requires Cohesity DataProtect to be installed.

Configuration Information

Description	SKU
Kroll Ontrack PowerControls for Cohesity DataProtect 1yr 24x7 Premium Support	R3P08AAE

Notes: When purchasing SKU R2D30AAE above, a minuimum of quantity 3 x R3P08AAE must also be purchased at the same time.

Cohesity DataProtect Qstar Archive Manager Add-on

Cohesity DataProtect QStar Archive Manager 100TB Add-on E-LTU	R2D31AAE
Cohesity DataProtect QStar Archive Manager 200TB Add-on E-LTU	R2D32AAE
Cohesity DataProtect QStar Archive Manager 500TB Add-on E-LTU	R2D33AAE
Cohesity DataProtect QStar Archive Manager 1000TB Add-on E-LTU	R2D34AAE

Notes: QStar Archive Manager provides tape management for long term data retention on tape. QStar Archive Manager Add-on is icensed based on TBs of online tape-out capacity under management. Requires Cohesity DataProtect to be installed. Each version of the QStar Archive Manager E-LTU has an associated 24 x 7 Premium Support SKU shown below.

QStar Archive Manager for Cohesity DataProtect 100TB 1yr 24x7 Premium Support	R3P09AAE

Notes: When purchasing SKU R2D31AAE above, a minuimum of quantity 3 x R3P09AAE must also be purchased at the same time.

QStar Archive Manager for Cohesity DataProtect 200TB 1yr 24x7 Premium Support	R3P10AAE

Notes: When purchasing SKU R2D32AAE above, a minuimum of quantity 3 x R3P10AAE must also be purchased at the same time.

QStar Archive Manager for Cohesity DataProtect 500TB 1yr 24x7 Premium Support	R3P11AAE

Notes: When purchasing SKU R2D33AAE above, a minuimum of quantity 3 x R3P11AAE must also be purchased at the same time.

QStar Archive Manager for Cohesity DataProtect 1PB 1yr 24x7 Premium Support	R3P12AAE

Notes: When purchasing SKU R2D34AAE above, a minuimum of quantity 3 x R3P12AAE must also be purchased at the same time.

Cohesity DataProtect QStar Archive Manager Remote Deployment Service	R2D35AAE

Notes: Cohesity DataProtect QStar Archive Manager Remote Deployment Service provides Cohesity experts to help you remotely install and configure the Cohesity DataProtect QStar Archive Manager product in your environment.

Cohesity CloudArchive Add-on

Cohesity CloudArchive 1TB Add-on 1yr Subscription and Support E-LTU	R1Y42AAE
Cohesity CloudArchive 1TB Add-on 2yr Subscription and Support E-LTU	R1Y43AAE
Cohesity CloudArchive 1TB Add-on 3yr Subscription and Support E-LTU	R1Y44AAE
Cohesity CloudArchive 1TB Add-on 4yr Subscription and Support E-LTU	R1Y45AAE
Cohesity CloudArchive 1TB Add-on 5yr Subscription and Support E-LTU	R1Y46AAE
Cohesity CloudArchive 1TB Add-on 1-month Subscription and Support E-LTU	R4C06AAE

Notes: Cohesity CloudArchive Add-on is for for long-term archival to the cloud. CloudArchive Add-on is licensed per terabyte of data stored in supported cloud platform after deduplication and compression. Customer must separately purchase storage capacity from the cloud platform provider.

Cohesity Cloud Starter

Cohesity Cloud 50TB 1yr Starter Subscription and Support E-LTU	R4V68AAE

Notes: Cohesity Cloud-50 Starter subscription provides 50TB of CloudArchive, 50TB of CloudTier, CloudSpin for 50 VMs, Cloud Snapshot Management for 50 instances of supported cloud services. Customer must separately procure cloud infrastructure resources.

Configuration Information

Description	SKU
Cohesity CloudArchive Direct Add-on	
Cohesity CloudArchive Direct 1TB Add-on 1yr Subscription and Support E-LTU	R4C10AAE
Cohesity CloudArchive Direct 1TB Add-on 2yr Subscription and Support E-LTU	R4C11AAE
Cohesity CloudArchive Direct 1TB Add-on 3yr Subscription and Support E-LTU	R4C12AAE
Cohesity CloudArchive Direct 1TB Add-on 4yr Subscription and Support E-LTU	R4C13AAE
Cohesity CloudArchive Direct 1TB Add-on 5yr Subscription and Support E-LTU	R4C14AAE
Cohesity CloudArchive Direct 1TB Add-on 1-month Subscription and Support E-LTU	R4C15AAE

Notes: Cohesity CloudArchive Direct provides the ability to archive data to supported external archive targets without storing it on the local cluster. Subscription per TB of data stored in supported external archive target after deduplication and compression. Customer must separately procure storage capacity from a supported external archive target.

Description	SKU
Cohesity CloudTier Add-on	
Cohesity CloudTier 1TB Add-on 1yr Subscription and Support E-LTU	R1Y47AAE
Cohesity CloudTier 1TB Add-on 2yr Subscription and Support E-LTU	R1Y48AAE
Cohesity CloudTier 1TB Add-on 3yr Subscription and Support E-LTU	R1Y49AAE
Cohesity CloudTier 1TB Add-on 4yr Subscription and Support E-LTU	R1Y50AAE
Cohesity CloudTier 1TB Add-on 5yr Subscription and Support E-LTU	R1Y51AAE
Cohesity CloudTier 1TB Add-on 1-month Subscription and Support E-LTU	R4C08AAE

Notes: Cohesity CloudTier Add-on is for tiering data to the cloud. CloudTier Add-on is licensed per terabyte of data stored on the supported cloud platform and used for tiering by CloudTier. Customer must separately purchase storage capacity from the cloud platform provider.

Description	SKU
Cohesity CloudSpin Add-on	
Cohesity CloudSpin 25 VM Add-on Pack 1yr Subscription and Support E-LTU	R1Y57AAE
Cohesity CloudSpin 25 VM Add-on Pack 2yr Subscription and Support E-LTU	R1Y58AAE
Cohesity CloudSpin 25 VM Add-on Pack 3yr Subscription and Support E-LTU	R1Y59AAE
Cohesity CloudSpin 25 VM Add-on Pack 4yr Subscription and Support E-LTU	R1Y60AAE
Cohesity CloudSpin 25 VM Add-on Pack 5yr Subscription and Support E-LTU	R1Y61AAE
Cohesity CloudSpin 25 VM Add-on Pack 1-month Subscription and Support E-LTU	R4C07AAE

Notes: Cohesity CloudSpin provides the ability to create VMs from backups to supported cloud storage platforms. CloudSpin Add-on is licensed per pack of 25 VMs. Customer must separately purchase storage capacity from the cloud platform provider.

Description	SKU
Cohesity Cloud Snapshot Manager	
Cohesity Cloud Snapshot Manager 25 Instances Add-on 1-month Subscription and Support E-LTU	R4V62AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 1yr Subscription and Support E-LTU	R4V63AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 2yr Subscription and Support E-LTU	R4V64AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 3yr Subscription and Support E-LTU	R4V65AAE
Cohesity Cloud Snapshot Manager 25 Instances Add-on 4yr Subscription and Support E-LTU	R4V66AAE

Notes: Cohesity Cloud Snapshot Manager Subscription provides protection for cloud resources using snapshot management. Each subscription license enables this feature for up to 25 instances of supported cloud services. Customer must separately procure Cohesity DataPlatform

Configuration Information

Description	SKU
Cohesity Agile Development and Test	
Cohesity Agile Development and Test 1TB 1-month Subscription and Support E-LTU	R4V81AAE
Cohesity Agile Development and Test 1TB 1yr Subscription and Support E-LTU	R4V82AAE
Cohesity Agile Development and Test 1TB 2yr Subscription and Support E-LTU	R4V83AAE
Cohesity Agile Development and Test 1TB 3yr Subscription and Support E-LTU	R4V84AAE
Cohesity Agile Development and Test 1TB 4yr Subscription and Support E-LTU	R4V85AAE
Cohesity Agile Development and Test 1TB 5yr Subscription and Support E-LTU	R4V86AAE

Notes:. Cohesity Agile Dev and Test allows enterprises to instantly provision – and manage – high-fidelity data to development and test teams. Cohesity's zero-cost clones enable you to accelerate the development of high-quality applications, while tackling the mass data fragmentation challenge. Subscription license per TB of DataProtect backend storage.

Description	SKU
Cohesity Helios Premium Add-on	
Cohesity Helios Premium 1TB 1yr Subscription and Support E-LTU	R3N97AAE
Cohesity Helios Premium 1TB 2yr Subscription and Support E-LTU	R3N98AAE
Cohesity Helios Premium 1TB 3yr Subscription and Support E-LTU	R3N99AAE
Cohesity Helios Premium 1TB 4yr Subscription and Support E-LTU	R3P00AAE
Cohesity Helios Premium 1TB 5yr Subscription and Support E-LTU	R3P01AAE
Cohesity Helios Premium 1TB 1-month Subscription and Support E-LTU	R4C16AAE

Notes: Cohesity Helios Premium Add-on provides SaaS-based management to efficiently manage all of your Cohesity clusters from a single pane of glass, using the power of machine learning. Helios Premium includes all the features of Helios Standard plus 3 years of metadata retention, global policies, orchestrated upgrades, and customizable global reports. Helios Premium Add-on is licensed per terabyte of Cohesity DataPlatform under management.

Step-4

Step-4a: Select networking for DL360 Gen10 Performance Servers for Cohesity DataPlatform

Select one FlexLOM Network Adapter and up to two PCIe Network Adapters.

Description	SKU
!0Gb Base-T Network Adapters	
HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
HPE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter	817738-B21
10Gb SFP+ Network Adapters	
HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
40/50Gb QSFP Network Adapters	
HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter	879482-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

Notes: Only one PCIe Fibre Channel HBA can be selected

Configuration Information

Step-4b: Select networking for DL380 Gen10 Servers for Cohesity DataPlatform

Select one FlexLOM Network Adapter and up to two PCIe Network Adapters.

Description	SKU
!0Gb Base-T Network Adapters	
HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
HPE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter	817738-B21
10Gb SFP+ Network Adapters	
HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
40/50Gb QSFP Network Adapters	
HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter	879482-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

Notes: Only one PCIe Fibre Channel HBA can be selected

Step-4c: Select networking for XL170r Gen10 Servers for Cohesity DataPlatform

Select one FlexLOM Network Adapter and one PCIe Network Adapters (see Notes)

10Gb Base-T Network Adapters	
HPE XL1x0r Ethernet 10Gb 2-port 568FLR-MMT Adapter	868227-B21
HPE Ethernet 10Gb 2-port BASE-T 57810S Adapter	656596-B21
10Gb SFP+ Network Adapters	
HPE Ethernet 10Gb 2-port 568SFP+ Media Module Adapter	866467-B21
HPE Ethernet 10Gb 2-port SFP+ 57810S Adapter	652503-B21
HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

Notes:

– SKUs: R0R04A, R0R05A, R3R76A, and R3R77A ship standard with the HPE Ethernet 1Gb 2-port 332T Adapter (SKU 615732-B21) installed in PCIe Slot 1. The 332T Adapter cannot be removed at the factory on these SKUs.
– installation of any of the Network Adapters listed above requires field removal of the 332T Adapter in PCIe Slot1 from SKU R0R04A, R0R05A, R3R76A, or R3R77A before installing a new Network Adapter into PCIe Slot 1.

Step-4d: Select networking for XL450 Gen10 Servers for Cohesity DataPlatform

Select one FlexLOM Network Adapter and one PCIe Network Adapters (see Notes)

10Gb Base-T Network Adapters	
HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
HPE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter	817738-B21

Configuration Information

Description	SKU
10Gb SFP+ Network Adapters	
HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
HPE BladeSystem c-Class 10Gb SFP+ SR Transceiver	455883-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
40/50Gb QSFP Network Adapters	
HPE InfiniBand FDR/Ethernet 40/50Gb 2-port 547FLR-QSFP Adapter	879482-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A
Step-4e: Select networking for DL360 Gen10 ROBO Servers for Cohesity DataPlatform	
10Gb Base-T Network Adapters	
HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
HPE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapter	817738-B21
10Gb SFP+ Network Adapters	
HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port SFP28 BCM57414 Adapter	817718-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A
Step-4f : Select networking for DL360 Gen10 Compute Servers for Cohesity DataPlatform	
10Gb Base-T Network Adapters	
HPE FlexFabric 10Gb 4-port FLR-T 57840S Adapter	764302-B21
PE Ethernet 10Gb 2-port BASE-T X550-AT2 Adapte	817738-B21
10Gb SFP+ Network Adapters	
HPE FlexFabric 10Gb 2-port FLR-SFP+ 57810S Adapter	700751-B21
HPE Ethernet 10Gb 2-port SFP+ X710-DA2 Adapter	727055-B21
10/25Gb SFP28 Network Adapters	
HPE Ethernet 10/25Gb 2-port FLR-SFP28 BCM57414 Adapter	817709-B21
HPE Ethernet 10/25Gb 2-port SFP28 BCM957414 Adapter	817718-B21
Fibre Channel HBAs	
HPE SN1100Q 16Gb Dual Port Fibre Channel Host Bus Adapter	P9D94A
HPE SN1610Q 32Gb 2-port Fibre Channel Host Bus Adapter	R2E09A

Configuration Information

Step-5

Description	SKU
Step-5a: Select dual AC or DC power supplies for Apollo 2000 chassis	
HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	830272-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21

Notes: If selecting the DC power supplies (865434-B21), you will only be able to add two nodes to the chassis rather than the maximum of four.

Step-5b: Select dual AC or DC power supplies for DL380 or Apollo 4510 CTO servers	
HPE 800W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit	865414-B21
HPE 800W Flex Slot -48VDC Hot Plug Low Halogen Power Supply Kit	865434-B21

Step-6: Select On-site SSD and HDD Spares (recommended)

Notes:
- To minimize time to repair for defective SSDs or HDDs it is highly recommended to keep spares of these parts on site. The following formula should be used to determine the number of spares to have on site dependent on the number of nodes installed:
  - 3 to 10 nodes of installed - 1 SSD of each type and 1 HDD in server node
  - 11 to 20 nodes installed- 1 SSD of each type in and 2 HDDs in server node
  - 21 to 50 nodes installed - 2 SSDs of each type and 2 HDDs in server node

R4R11A– HPE DL360 Gen10 32TB Peformance Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 3.2TB NVMe Gen3 High Performance Mixed Use SFF SCN U.2 P4610 SSD	P13701-K21

R0Q30B/R6B35A – HPE DL380 Gen10 48TB Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	872487-B21

R0Q31B/R6B36A – HPE DL380 Gen10 96TB Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 3.2TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10266-K21
HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	819201-K21

R0R04B – HPE XL170r Gen10 24TB Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 8TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty 512e Digitally Signed Firmware HDD	834028-K21

R0R05A – HPE XL170r Gen10 36TB Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 12TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty Helium 512e Digitally Signed Firmware HDD	881787-K21

R0Q30A – HPE DL380 Gen10 48TB Server for Cohesity SSD/HDD spares

HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 4TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty Digitally Signed Firmware HDD	872487-B21

Configuration Information

Description	SKU
R0Q31A – HPE DL380 Gen10 96TB Server for Cohesity SSD/HDD spares	
HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 3.2TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10266-K21
HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) SC 1yr Wty 512e Digitally Signed Firmware HDD	819201-K21
R0R04A – HPE XL170r Gen10 24TB Server for Cohesity SSD/HDD spares	
HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 8TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty 512e Digitally Signed Firmware HDD	834028-K21
R0R05A – HPE XL170r Gen10 36TB Server for Cohesity SSD/HDD spares	
HPE 240GB SATA 6G Read Intensive M.2 2280 5300B SSD	P19888-K21
HPE 1.6TB NVMe x8 Lanes Mixed Use HHHL 3yr Wty Digitally Signed Firmware Card	P10264-K21
HPE 12TB SATA 6G Midline 7.2K LFF (3.5in) LP 1yr Wty Helium 512e Digitally Signed Firmware HDD	881787-K21
R3R73A – HPE XL450 Gen10 200TB Server for Cohesity SSD/HDD spares	
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Multi Vendor SSD	P18432-K21
HPE 1.6TB SAS 12G Mixed Use LFF LPC PM5 SSD	P04535-K21
HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty 512e Digitally Signed Firmware HDD	834031-K21
R3R74A – HPE XL450 Gen10 400TB Server for Cohesity SSD/HDD spares	
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Multi Vendor SSD	P18432-K21
HPE 1.6TB SAS 12G Mixed Use LFF LPC PM5 SSD	P04535-K21
HPE 8TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty 512e Digitally Signed Firmware HDD	834031-K21
R3R75A – HPE XL450 Gen10 700TB Server for Cohesity SSD/HDD spares	
HPE 480GB SATA 6G Mixed Use SFF (2.5in) SC 3yr Wty Multi Vendor SSD	P18432-K21
HPE 1.6TB SAS 12G Mixed Use LFF LPC PM5 SSD	P04535-K21
HPE 14TB SAS 12G Midline 7.2K LFF (3.5in) LP 1yr Wty Helium 512e Digitally Signed Firmware HDD	P09155-K21

Step-7: Select HPE Hardware Installation Services

HPE Installation Service provides for the basic installation of Hewlett Packard Enterprise branded equipment. The Installation Service is part of a suite of HPE deployment services that are designed to give you the peace of mind that comes from knowing your HPE and HPE-supported products have been installed by a Hewlett Packard Enterprise specialist in accordance with the product documentation. **https://h20195.www2.hpe.com/V2/GetPDF.aspx/5981-9356EN.pdf**

HPE ProLiant DL380 Gen10-based Node for Cohesity Installation (SKU R0Q30A, R0Q31A, R0Q30B, R0Q31B, R6B35A, R6B36A)

HPE Install ProLiant DL38x(p) Service	U4554E

Notes: One installation service SKU U4554E is required for each individual ProLiant DL380 Gen10 based hardware node in a cluster.

HPE Apollo r2200 Gen10-based Chassis for Cohesity Installation (SKU R0R03A, R0R03B)

HPE Installation ProLiant DL1000/DL2000 Service	UM857E

Notes: Order this hardware installation service for each Apollo r2200 chassis installed

Configuration Information

Description	SKU

HPE ProLiant XL170r Gen10-based Node for Cohesity Installation (SKU R0R04A, R0R05A, R0R04B, or R0R05B)

HPE Installation AddOn/In Option Service	UH745E

Notes: Order this hardware installation service for each XL170r Gen10 based hardware node installed in the Apollo r2200 chassis (SKU R0R03A).

HPE Apollo 4510 Gen10-based Chassis for Cohesity DataPlatform Installation (SKU R3R72A or R3R72B)

HPE Install ProLiant SL6000 Service	UR285E
HPE Installation and Startup SL6000 Service	UR286E

Notes: Order the above two hardware installation services for each Apollo 4510 chassis installed

HPE ProLiant DL360 Gen10-based ROBO for Cohesity DataPlatform Installation (SKU R4H39A or R4H40A)

HPE Install ProLiant DL3xx Service	U4506E

Notes: One installation service SKU is required for each individual ProLiant DL360 Gen10 ROBO based hardware node..

Step-8: Select Cohesity Software Installation Services

Cohesity Cluster Installation Service includes onsite installation of Cohesity software by Cohesity trained support staff on the hardware nodes that have been racked and cabled using the above HPE hardware installation services. Service includes prep call with customer, cluster configuration, system validation testing and up to 90 minutes of customer education. Expires 120 days from purchase.

Cohesity Small Cluster Onsite Installation Service	R3P27AAE

Notes: Onsite installation of one cluster (3-8 nodes) from "out of the box" to ready to "configure jobs".

Cohesity Medium Cluster Onsite Installation Service	R3P28AAE

Notes: Onsite installation of one cluster (9-24 nodes) from "out of the box" to ready to "configure jobs".

Cohesity Large Cluster Onsite Installation Service	R3P29AAE

Notes: Onsite installation of one cluster (25-48 nodes) from "out of the box" to ready to "configure jobs".

Cohesity Extra Large Cluster Onsite Installation Service	R3P30AAE

Notes: Onsite installation of one cluster (49-72 nodes) from "out of the box" to ready to "configure jobs".

Step 9: Cohesity Regional Technical Account Manager Support Service

Cohesity Regional Technical Account Manager 6-month Support	R1Y64AAE
Cohesity Regional Technical Account Manager 1yr Support	R1Y65AAE
Cohesity Regional Technical Account Manager 3yr Support	R1Y66AAE
Cohesity Regional Technical Account Manager 5yr Support	R3P40AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 6-month Support	R3P41AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 1yr Support	R3P42AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 3yr Support	R3P43AAE
Cohesity Regional Technical Account Manager and Site Reliability Engineer 5yr Support	R3P44AAE

Configuration Information

Notes:
- The Cohesity Technical Account Manager (TAM) Support Service is designed to help enterprise customers get the highest possible value from their Cohesity investment. Cohesity TAMs combine deep industry and product knowledge with best-practice insights from global deployments to ensure the immediate and long-term success of the Cohesity secondary data and applications platform in your environment.
- When you become a TAM customer, you gain access to a named individual who advocates for your needs, coordinates Cohesity resources for your benefit, and helps to quickly resolve your support issues. TAMs work with you and your team to set goals, share feedback, and drive action. They track requested product enhancements and promote roadmap input internally. The TAM service complements Cohesity's award-winning 24/7 support plan that offers phone and email communication as well as hardware support. For more information on Cohesity TAM Support Service: **https://www.cohesity.com/resource-assets/solution-brief/Cohesity-TAM-Support-Service.pdf**

Additional Cohesity DataPlatform SKUs

Cohesity DataPlatform Edge Virtual Edition for deployment on VMware vSphere or Microsoft Hyper-V

Description	SKU
Cohesity DataPlatform Edge Virtual Edition 1TB 1yr Subscription and Support E-LTU	R1Y37AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 2yr Subscription and Support E-LTU	R1Y38AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 3yr Subscription and Support E-LTU	R1Y39AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 4yr Subscription and Support E-LTU	R1Y40AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 5yr Subscription and Support E-LTU	R1Y41AAE
Cohesity DataPlatform Edge Virtual Edition 1TB 1-month Subscription and Support E-LTU	R4C04AAE

Notes: Cohesity DataPlatform Edge Virtual Edition is licensed by usable storage capacity for a single standalone node up to a maximum of 16TB.

Cohesity DataPlatform Edge Virtual Edition to Standard Edition Upgrade

Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 1yr Subscription and Support E-LTU	R4V70AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 2yr Subscription and Support E-LTU	R4V71AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 3yr Subscription and Support E-LTU	R4V72AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 4yr Subscription and Support E-LTU	R4V73AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 5yr Subscription and Support E-LTU	R4V74AAE
Cohesity DataPlatform Virtual to Standard Edition Upgrade 1TB 1-month Subscription and Support E-LTU	R4V69AAE

Cohesity DataPlatform Base Edition to Standard Edition Upgrade

Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 1yr E-LTU	R3N92AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 2yr E-LTU	R3N93AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 3yr E-LTU	R3N94AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 4yr E-LTU	R3N95AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 5yr E-LTU	R3N96AAE
Cohesity DataPlatform Base to Standard Edition Upgrade 1TB 1-month E-LTU	R4C03AAE

Configuration Information

Cohesity Professional Services and Training SKUs
Cohesity Onsite Backup Job Configuration Service

Cohesity Small Backup Jobs Configuration Onsite Service   R3P31AAE

Notes: Onsite creation of VMware, SQL and/or Oracle backup jobs for a small environment (up to 3 days). Priced per site. Service days must be consecutive business days. Requires purchase of installation SKU. Expires 120 days from PO.

Cohesity Medium Backup Jobs Configuration Onsite Service   R3P32AAE

Notes: Onsite creation of VMware, SQL and/or Oracle backup jobs for a medium environment (up to 5 days). Priced per site. Service days must be consecutive business days. Requires purchase of installation SKU. Expires 120 days from PO.

Cohesity Large Backup Jobs Configuration Onsite Service   R3P33AAE

Notes: Onsite creation of VMware, SQL and/or Oracle backup jobs for a large environment (up to 8 days). Priced per site. Service days must be consecutive business days. Requires purchase of installation SKU. Expires 120 days from PO.

Cohesity Virtual or Onsite Training

Description	SKU
Cohesity 1 Student 1-day Online Training Service	R3P21AAE

Notes: One (1) student seat for one (1) day of instruction in an instructor-led online webinar class.

| Cohesity 12 Students 1-day Online Training Service | R3P22AAE |

Notes: One (1) day of instruction in instructor-led online webinar class for up to 12 students.

| Cohesity 1 Student 1-day Onsite Training Service | R3P23AAE |

Notes: One (1) student seat for one (1) day of instruction in an instructor-led onsite class.

| Cohesity 12 Students 2-day Onsite Training Service | R3P24AAE |

Notes: Two (2) day instructor-led onsite class for up to 12 students.

| Cohesity 12 Students 3-day Onsite Training Service | R3P25AAE |

Notes: Three (3) day instructor-led onsite class for up to 12 students.

| Cohesity 12 Students 4-day Onsite Training Service | R3P26AAE |

Notes:. Four (4) day instructor-led onsite class for up to 12 students.
– All classes above Include access to hands-on labs. Onsite classes are for a single company at a single customer-provided site on consecutive days. Classes expire 180 days from PO.
– Contact **cs-training@cohesity.com** for a schedule of course offerings.

Technical Specifications

Cohesity DataPlatform configurations

XL170r Gen10 and DL380 Gen10 Specifications (Cascade Lake)			
	XL170r Gen10 24TB (R0R04B)	**XL170r Gen10 36TB (R0R05B)**	**DL380 Gen10 48TB (R0Q30B or R6B35A)**	**DL380 Gen10 96TB (R0Q31B or R6B36A)**
Raw Storage Capacity	24TB	36TB	48TB	96TB
SSDs	1 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	1 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	2 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	2 x 3.2TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)
HDDs	3 x 8TB 6G SATA 7.2K LFF HDDs	3 x 12TB 6G SATA 7.2K LFF HDDs	12 x 4TB 12G SAS 7.2K LFF HDD	12 x 8TB 12G SAS 7.2K LFF HDD
CPU	2 x Intel-Silver 4208 (2.1GHz/8-core/85W)	2 x Intel-Silver 4208 (2.1GHz/8-core/85W)	2 x Intel Xeon-Gold 6226R (2.9GHz, 16-core/150W)	2 x Intel Xeon-Gold 6226R (2.9GHz, 16-core/150W)
Memory	64GB	64GB	128GB	128GB
Networking Ports	2 x 1Gb Base-T and 2 x 10Gb SFP+ or 2 x 10Gb Base-T	2 x 1Gb Base-T and 2 x 10Gb SFP+ or 2 x 10Gb Base-T	2/4 x 10Gb SFP+, 4 x 10Gb Base-T, or 2/4 25Gb SFP; 4 x 10Gb Base-T and 2 x 10/25Gb SFP on R6B35A	2/4 x 10Gb SFP+, 4 x 10Gb Base-T, or 2/4 25Gb SFP; 4 x 10Gb Base-T and 2 x 10/25Gb SFP on R6B36A
Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	Power provided by the Apollo r2200 chassis which uses two 1600W AC Platinum Power Supplies or two 800W DC power supplies[1]	Power provided by the Apollo r2200 chassis which uses two 1600W AC Platinum Power Supplies or two 800W DC power supplies[1]	2 x 800W AC Platinum Power Supplies; choice of AC or DC on R0Q30B	2 x 800W AC Platinum Power Supplies; choice of AC or DC on R0Q30B
Cooling	4 x single rotor fan modules in Apollo r2200 System chassis	4 x single rotor fan modules in Apollo r2200 System chassis	6 x High Performance hot-plug fans	6x High Performance hot-plug fans
Form Factor	1U half-width for XL170r Gen10, 2U for Apollo r2200 System chassis (rail kit included)	1U half-width for XL170r Gen10, 2U for Apollo r2200 System chassis (rail kit included)	2U rack mount (rail kit included)	2U rack mount (rail kit included)
Notes: [1]When using DC power supplies with the Apollo r2200 chassis, you can only populate two nodes per chassis due to power consumption. A four-node configuration is only supported when using dual 1600W AC Platinum power supplies.				

Technical Specifications

XL450 Gen10 Specifications (Cascade Lake)			
	XL450 Gen10 200TB (R3R73B)	**XL450 Gen10 400TB (R3R74B)**	**XL450 Gen10 700TB (R3R75B)**
Raw Storage Capacity	200TB	400TB	700TB
SSDs	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)
HDDs	25 x 8TB 12G SAS 7.2K LFF HDDs	50 x 8TB 12G SAS 7.2K LFF HDDs	50 x 14TB 12G SAS 7.2K LFF HDDs
CPU	2 x Intel Xeon-Gold 6226R (2.9GHz/16-core/150W)	2 x Intel Xeon-Gold 6226R (2.9GHz/16-core/150W)	2 x Intel Xeon-Gold 6226R (2.9GHz/16-core/150W)
Memory	256GB	256GB	256GB
Networking Ports	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP
Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies (AC or DC)	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies (AC or DC)	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies (AC or DC)
Cooling	5 x hot-plug fan modules in Apollo 4510 System chassis	5 x hot-plug fan modules in Apollo 4510 System chassis	5 x hot-plug fan modules in Apollo 4510 System chassis
Form Factor	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)

Technical Specifications

DL360 Gen10 Specifications (Cascade Lake)			
	DL360 Gen10 8TB ROBO (R4H39A)	**DL360 Gen10 16TB ROBO (R4H40A)**	**DL360 Gen10 Compute Server (R6A41A or R6B37A)**
Raw Storage Capacity	8TB	16TB	N/A; compute node only
SSDs	2 x 960GB 12G SAS MU LFF SSDs (data), 2 x 240GB SATA RI M.2 SSDs (boot)	2 x 960GB 12G SAS MU LFF SSDs (data), 2 x 240GB SATA RI M.2 SSDs (boot)	2 x 480GB SATA 6G MU SFF SSDs (boot)
HDDs	2 x 4TB 12G SAS 7.2K LFF HDDs	2 x 8TB 12G SAS 7.2K LFF HDDs	N/A; compute node only
CPU	1 x Intel Xeon-Silver 4208 (2.1GHz/8-core/85W)	1 x Intel Xeon-Silver 4208 (2.1GHz/8-core/85W)	2 x Intel Xeon-Silver 4216 (2.1GHz/16-core/100W)
Memory	64GB	64GB	256GB
Networking Ports	4 x 1Gb and optional 2 x 10Gb Base-T+ or 2 x 10Gb SFP+	4 x 1Gb and optional 2 x 10Gb Base-T+ or 2 x 10Gb SFP+	Choice of 4 x 10Gb Base-T, 2 x 10/25Gb SFP, or 2 x 10Gb SFP+. Optionally add 2/4 x 10Gb SFP+ or 2/4 10/25Gb SFP in PCIe slots (R6A41A). 2 x 10/25Gb SFP (R6B37A);
Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	2 x 800W Platinum Power Supplies	2 x 800W Platinum Power Supplies	2 x 800W AC Platinum Power Supplies (choice of AC or DC on R6A41A).
Cooling	5 standard	5 standard	5 standard
Form Factor	1U Rack mount (rail kit included)	1U Rack mount (rail kit included)	1U Rack mount (rail kit included)

DL360 Gen10 Peformance Server	
	DL360 Gen10 32TB Perf Server (R4R11A)
Raw Storage Capacity	32TB
SSDs	10 x 3.2TB NVMe MU U.2 P4610 SSDs(data), 2 x 240GB SATA RI M.2 SSDs (boot)
CPU	1 x Intel Xeon-Gold 6226R (2.GHz/16-core/150W)
Memory	384GB
Networking Ports	Optional 10G-BaseT, 10G SFP+, 10/25 SFP28 and 40/50GB QSFP networking
Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	2 x 800W Platinum Power Supplies
Cooling	5 standard
Form Factor	1U Rack mount (rail kit included)

Technical Specifications

Skylake configurations

XL170r and DL380 Gen10 Specifications (Skylake)				
	XL170r Gen10 24TB (R0R04A)	**XL170r Gen10 36TB (R0R05A)**	**DL380 Gen10 48TB (R0Q30A)**	**DL380 Gen10 96TB (R0Q31A)**
Raw Storage Capacity	24TB	36TB	48TB	96TB
SSDs	1 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	1 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	2 x 1.6TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)	2 x 3.2TB NVMe MU SSD (data), 2 x 240GB SATA 6G RI M.2 2280 SSDs (boot)
HDDs	3 x 8TB 6G SATA 7.2K LFF HDDs	3 x 12TB 6G SATA 7.2K LFF HDDs	12 x 4TB 12G SAS 7.2K LFF HDD	12 x 8TB 12G SAS 7.2K LFF HDD
CPU	2 x Intel-Silver 4108 (1.8GHz, 8-core)	2 x Intel-Silver 4108 (1.8GHz, 8-core)	2 x Intel Xeon-Gold 6143 (2.8GHz 16-core)	2 x Intel Xeon-Gold 6143 (2.8GHz 16-core)
Memory	64GB	64GB	128GB	128GB
Networking Ports	2 x 1Gb Base-T and 2 x 10Gb SFP+ or 2 x 10Gb Base-T	2 x 1Gb Base-T and 2 x 10Gb SFP+ or 2 x 10Gb Base-T	2/4 x 10Gb SFP+, 4 x 10Gb Base-T, or 2/4 25Gb SFP	2/4 x 10Gb SFP+, 4 x 10Gb Base-T, or 2/4 25Gb SFP
Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	Power provided by the Apollo r2200 System chassis which uses 2 x 1600W Platinum Power Supplies	Power provided by the Apollo r2200 System chassis which uses 2 x 1600W Platinum Power Supplies	2 x 800W Platinum Power Supplies	2 x 800W Platinum Power Supplies
Cooling	4 x single rotor fan modules in Apollo r2200 System chassis	4 x single rotor fan modules in Apollo r2200 System chassis	6 x High Performance hot-plug fans	6x High Performance hot-plug fans
Form Factor	1U half-width for XL170r Gen10, 2U for Apollo r2200 System chassis (rail kit included)	1U half-width for XL170r Gen10, 2U for Apollo r2200 System chassis (rail kit included)	2U rack mount (rail kit included)	2U rack mount (rail kit included)

Technical Specifications

XL450 Gen10 Specifications (Skylake)			
	XL450 Gen10 200TB (R3R73A)	**XL450 Gen10 400TB (R3R74A)**	**XL450 Gen10 700TB (R3R75A)**
Raw Storage Capacity	200TB	400TB	700TB
SSDs	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)	8 x 1.6TB 12G SAS MU SSDs (data), 2 x 480GB SATA MU SFF SSDs (boot)
HDDs	25 x 8TB 12G SAS 7.2K LFF HDDs	50 x 8TB 12G SAS 7.2K LFF HDDs	50 x 14TB 12G SAS 7.2K LFF HDDs
CPU	2 x Intel Xeon-Gold 6140 (2.3GHz/18-core/140W)	2 x Intel Xeon-Gold 6140 (2.3GHz/18-core/140W)	2 x Intel Xeon-Gold 6140 (2.3GHz/18-core/140W)
Memory	256GB	256GB	256GB
Networking Ports	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP	4 x 10Gb Base-T and 2 x 10Gb SFP+; 4 x 10Gb SFP+, or 2/4 25Gb SFP
Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port	Dedicated iLO5 1Gb Management Port
	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)	(includes iLO Advanced Electronic License with 3yr Support on iLO Licensed Features)
Power	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies	Power provided by the Apollo 4510 System chassis which uses 4 x 800W Platinum Power Supplies
Cooling	5 x hot-plug fan modules in Apollo 4510 System chassis	5 x hot-plug fan modules in Apollo 4510 System chassis	5 x hot-plug fan modules in Apollo 4510 System chassis
Form Factor	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)	ProLiant XL450 Gen10 server resides in 4U Apollo 4510 System chassis (rail kit included)
For more information on ProLiant DL380 Gen10 see the **QuickSpecs** For more information on Apollo r2200 Gen10 see the **QuickSpecs** For more information on ProLiant XL170r Gen10 see the **QuickSpecs** For more information on Apollo 4510/XL450 Gen10 see the **QuickSpecs** For more information on Proliant DL360 Gen10 see the **QuickSpecs**			

Summary of Changes

Date	Version History	Action	Description of Change
05-Oct-2020	Version 13	Changed	Overview, Standard Features and Configuration Information sections were updated.
06-Jul-2020	Version 12	Changed	Overview, Standard Features and Configuration Information sections were updated.
06-Apr-2020	Version 11	Changed	Overview, Standard Features and Configuration Information sections were updated.
02-Mar-2020	Version 10	Changed	Overview and Configuration Information sections were updated.
02-Dec-2019	Version 9	Changed	Overview, Standard Features and Configuration Information sections were updated.
04-Nov-2019	Version 8	Changed	Configuration Information and Technical Specifications sections were updated.
07-Oct-2019	Version 7	Changed	Overview, Configuration Information and Technical Specifications sections were updated.
03-Sep-2019	Version 6	Changed	Configuration Information and Service and Support sections were updated.
05-Aug-2019	Version 5	Changed	Overview, Features Benefits and Configuration Information sections were updated
03-Jun-2019	Version 4	Changed	Configuration Information and Service and Support sections were updated.
15-Apr-2019	Version 3	Changed	Overview and Configuration Information sections were updated.
02-Apr-2019	Version 2	Changed	Overview, Features and benefits, Configuration Information,Core Options and Service sections were updated.
04-Mar-2019	Version 1	New	New QuickSpecs.

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