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AND MULTIMEDIA MALAYSIA

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M013 Maintenance Report

14 May 2020

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D1	13 May 2020	All	Initial draft
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Table of Contents

Document Authorisation	ii
Copyright Statement	iii
Document Change Log	iv
Table of Contents	v
1 Introduction	1
2 Description of Changes	3
2.1 Changes to the product associated with the certified TOE.....	3
2.2 Changes to the SFRs claimed in the ST	17
3 Affected Developer Evidence	18
4 Result of Analysis	21
Annex A References	22

1 Introduction

- 1 The TOE is Cohesity DataPlatform and DataProtect (or collectively simply as “Cohesity”), a software suite that is used to hyperconverged secondary storage workloads (i.e., enterprise data backups) into a single managed backup solution, which may be distributed across multiple distributed appliances. The intent of this product is to simplify the infrastructure and resources used to administer data backup and recovery functions across an enterprise.
- 2 Cohesity is designed to eliminate secondary storage silos by converging all secondary storage and associated data services on one unified solution – including backups, cloud gateway, files, objects, test/dev copies, and data analytics.
- 3 The main components of the TOE are:
 - Cohesity DataPlatform – software-defined, web-scale platform used consolidate secondary data.
 - Cohesity DataProtect – converged backup and recovery solution that runs on DataPlatform
- 4 The purpose of this document is to enable developers to provide assured products to the IT consumer community in a timely and efficient manner against the certified and updated version of TOE as in Table 1 identification below.

Table 1 – Identification Information

Assurance Maintenance Identifier	M013
Project Identifier	C101
Evaluation Scheme	Malaysian Common Criteria Evaluation and Certification (MyCC) Scheme
Impact Analysis Report	Cohesity DataPlatform and DataProtect v6.3.1 e Impact Analysis Report
New TOE	Cohesity DataPlatform and DataProtect v6.3.1 e
Certified TOE	Cohesity DataPlatform and DataProtect v6.0.1
New Security Target	Cohesity DataPlatform & DataProtect Version 6.3.1 e Security Target, Version 1.3, 07 May 2020
Evaluation Level	EAL2+ ALC_FLR.1
Evaluation Technical Report (ETR)	Evaluation Technical Report - Cohesity DataPlatform & DataProtect Version 6.0.1, 29 July 2019 (GOXX1820-S047-ETR 1.0)
Criteria	Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and general model, April 2017, Version 3.1, Revision 5

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	Common Criteria for Information Technology Security Evaluation Part 2: Security Functional Components, April 2017, Version 3.1, Revision 5 Common Criteria for Information Technology Security Evaluation Part 3: Security Assurance Components, April 2017, Version 3.1, Revision 5
Methodology	Common Evaluation Methodology for Information Technology Security Evaluation, April 2017, Version 3.1 Revision 5
Common Criteria Conformance	CC Part 2 Extended CC Part 3 Conformant Package conformant to EAL2 Augmented (ALC_FLR.1)
Protection Profile Conformance	None
Sponsor	Leidos Inc. 6841 Benjamin Franklin Drive Columbia, MD 21046
Developer	Cohesity 300 Park Ave, Suite 800, San Jose, California 95110
Evaluation Facility	BAE Systems Lab - MySEF

2 Description of Changes

5 Cohesity has issued a new release of the Cohesity DataPlatform and DataProtect version 6.3.1e. There were a series of minor updates to the Cohesity DataPlatform and DataProtect since its certification version 6.0.1 on 19 August 2019.

2.1 Changes to the product associated with the certified TOE

6 The following features have been added in Cohesity DataPlatform and DataProtect version 6.1, version 6.1.1, version 6.2, version 6.2.1, version 6.3 and patch releases versions 6.3.1a - 6.3.1e as below:

Table 2 - General changes/additions

Version	Description of Changes	Rationale	Impact
Cohesity DataPlatform and DataProtect version 6.1	<p>General Updates</p> <ul style="list-style-type: none"> Cohesity 6.1 supports VMware vSphere ESXi 6.7, 6.5, 6.0 and 5.5. The Platform > Cluster > Summary page in the Cohesity Dashboard now displays the storage available and used for metadata in the Cluster. Additionally, two new warning Alerts (CE00515005 and CE00515006) are triggered for metadata server issues. <p>MS SQL Server</p> <ul style="list-style-type: none"> File-based MS SQL backups can be restored or cloned directly from archives to a physical MS SQL source registered with the local Cohesity Cluster using standard Cohesity MS SQL restore/clone workflows. Restoring an MS SQL database WITH NORECOVERY to an alternate location is now supported. <p>Oracle Database</p> <ul style="list-style-type: none"> Improvements for Oracle database; point in time recovery. Recover Oracle databases in NOOPEN mode. The capability to back up and recover Oracle databases even if the Oracle server is accessible by only some of the Cohesity Cluster VLAN IP addresses. 	The updates do not affect the Security Functional Requirements of the TOE.	CB consider it as Minor

	<p>Pure Storage FlashBlade protection</p> <ul style="list-style-type: none">• Support registering Pure Storage FlashBlade as a Network-attached storage (NAS) Source and protecting Network File System (NFS) and Server Message Block (SMB) mount points. SMB support is currently a beta feature. <p>File-based backup for Window Servers</p> <ul style="list-style-type: none">• Add support for file-based protection for Windows Servers, and enable one more option to align with customer's data protection needs. <p>Beta support for Microsoft Office 365 Mail backups</p> <ul style="list-style-type: none">• Support Office 365 backup and recovery. Able to exclude standard folders and additional custom folder from backup. Mailboxes can be recovered to the original or alternate source. <p>Beta support for file/folder backups on physical Servers running Solaris 10 or Solaris 11</p> <ul style="list-style-type: none">• Support file-based protection of Solaris Servers. Supported versions include Solaris 10 and Solaris 11. Cohesity supports direct file and folder recovery via the Cohesity Agent. The Agent is a 64-bit executable that is qualified on the SPARC V9 architecture. <p>Microsoft Management Console (MMC) Integration</p> <ul style="list-style-type: none">• Support using the Shared Folders Microsoft Management Console (MMC) snap-in for share creation and stopping sharing. <p>Pre and Post Scripts that run before and after Protection Job Runs</p> <ul style="list-style-type: none">• Support configuring new Protection Job options that run scripts on the protected server before and/or after a Protection Job runs. If configured, the scripts are run every time an object is backed by a Job Run. <p>NAS recovery</p> <ul style="list-style-type: none">• Support recovering multiple files/folders or NAS volumes to the original or alternate location.		
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	<p>Multitenant-enabled Cluster</p> <ul style="list-style-type: none">• Multitenancy for the Cohesity Cluster can be enabled and then add organisations and assign resources to them. <p>LDAP support</p> <ul style="list-style-type: none">• The Cluster can be configured to use Lightweight Directory Access Protocol (LDAP) providers for authentication. <p>DataLock for Policies and Snapshots</p> <ul style="list-style-type: none">• DataLock for Policies can be enabled to lock the Policy and any Snapshots that belong to Protection Jobs associated with the Policy. <p>Dynamic volume support for VMware</p> <ul style="list-style-type: none">• File and folder recovery is supported for simple, striped, spanned and mirrored dynamic volumes in VMware environments. RAID-5 volumes are not supported. <p>Restricted access to Objects</p> <ul style="list-style-type: none">• When adding or updating users, the option to restrict access to specific Objects now applies to Objects added to the selected Source folder in the future. <p>SMB privileges</p> <ul style="list-style-type: none">• When adding or editing custom Cohesity roles, users can grant the following SMB security privileges: SMB backups, SMB restore, Take ownership of SMB files and Manage system access control list on SMB files. These roles are valid only when accessing Views via SMB. <p>Notifications for completed tasks</p> <ul style="list-style-type: none">• The Cluster provides notifications when clone and recovery tasks that are initiated complete. <p>View names</p> <ul style="list-style-type: none">• View names can now contain anything but forward slashes (/). <p>Multiple Node Clustered Virtual Edition</p> <ul style="list-style-type: none">• Added DataPlatform Clustered Virtual Edition which is a multiple Node Cohesity Cluster that can support larger workflows and is hosted on multiple Virtual Machines in a VMware vCenter Server. <p>Addition of AWS C2S External Targets</p> <ul style="list-style-type: none">• New external targets (AWS Glacier C2S, AWS S3 C2S and AWS S3-IA Standard)		
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	<p>that support archiving to a private instantiation of the AWS commercial cloud using Commercial Cloud Services (C2S) are supported in this release.</p> <p>AWS (Agent-less) Native Snapshot</p> <ul style="list-style-type: none">• The Cohesity Cluster supports backing up AWS Cloud VMs using native (agentless) snapshotting. <p>SNMP</p> <ul style="list-style-type: none">• The Cohesity Cluster now supports Simple Network Management Protocol (SNMP) polling and SNMP version 3. <p>Active Directory</p> <ul style="list-style-type: none">• Using the Cohesity Command Line Interface (CLI), users can specify trusted domains that should be ignored (blacklisted) during trusted domain discovery of the Active Directory.• Using the Cohesity CLI, users can add preferred domain controllers for AD domains. <p>Replication of View Snapshots</p> <ul style="list-style-type: none">• Replicating Snapshots of a View containing special files (pipes, block devices, sockets or character devices) is now supported. <p>Indexing, browsing and recovery of symbolic links</p> <ul style="list-style-type: none">• The Cohesity Cluster now supports the indexing, browsing and recovery of symbolic links. Symbolic links are not supported in a downloadable zip file. The downloadable zip file can contain regular files and folders only; symlinks are not supported. <p>BIOS UUIDs in a vCenter Server</p> <ul style="list-style-type: none">• The Cohesity Cluster now supports tracking VMs using BIOS UUIDs to support integration with Zerto. <p>Multiple bond interfaces</p> <ul style="list-style-type: none">• The Cohesity Cluster now supports multiple bond interfaces for additional network segregation. After adding new 10GbE NICs to the Nodes in the Cluster, users can select the new bond interface when configuring remote Cluster and VLANs and during recovery.		
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	<p>Cancel Recovery</p> <ul style="list-style-type: none">• A running Recovery task for files and folders, VMware VMs and NAS volumes can now be cancelled. <p>NetApp ONTAP 9.3 support</p> <ul style="list-style-type: none">• Support NetApp ONTAP 9.3. <p>New hardware platforms</p> <ul style="list-style-type: none">• Cohesity has qualified the following hardware for Nodes in the Cohesity Cluster:<ul style="list-style-type: none">○ Cisco UCS S3260○ Dell PowerEdge R740xd○ HPE Apollo 4510 Gen10 <p>Cohesity CLI</p> <ul style="list-style-type: none">• The Cohesity CLI includes the following changes:<ul style="list-style-type: none">○ Invoking the Cohesity CLI now displays banner information about the Cohesity software version, host and Cluster.○ The iris_cli static-route command has been deprecated and replaced by the new iris_cli route command. For more information, run the iris_cli route help command.○ Several new IPMI commands provide information about IPMI users, field replaceable units (FRU), system event logs (SEL), sensor data records (SDR), local area networks (LAN), and the ability to reset the baseboard management controller (BMC). For more information, run the iris_cli ipmi help command. <p>New REST API Operations</p> <ul style="list-style-type: none">• The following new Cohesity REST API Operations have been added for the 6.1 release:<ul style="list-style-type: none">○ Tenant Tag GET /public/tenants POST /public/tenants PUT /public/tenants PUT /public/tenants/viewBox PUT /public/tenants/users PUT /public/tenants/vlan		
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	<p>PUT /public/tenants/entity PUT /public/tenants/policy PUT /public/tenants/view PUT /public/tenants/protectionJob DELETE /public/tenants</p> <ul style="list-style-type: none"> ○ Principals tag GET /public/sessionUser ○ ActiveDirectory Tag PUT /public/activeDirectory/:name/pr eferredDomainControllers PUT /public/activeDirectory/:name/ld apProvider GET /public/activeDirectory/domainC ontrollers ○ LdapProvider POST /public/ldapProvider PUT /public/ldapProvider GET /public/ldapProvider DELETE /public/ldapProvider ○ Routes Tag GET /public/routes DELETE /public/routes POST /public/routes 		
Version	Description of Changes	Rationale	Impact
<p>Cohesity DataPlatform and DataProtect version 6.1.1</p>	<p>Several Data Protection changes are made to different type of protected sources as describe below:</p> <ul style="list-style-type: none"> • Users with the Data Security role can put a legal hold on Snapshots to preserve them for legal purposes. • The new Agent Status, Protection Runs Summary and Protected Objects Heatmap reports are available. • Users can add email addresses to a Protection Job to notify the email recipients when Alerts are triggered for the Job. <p>VMware</p> <ul style="list-style-type: none"> • Supports registering Cisco HyperFlex as a storage snapshot provider, enabling 	<p>The updates do not affect the Security Functional Requirements of the TOE.</p>	<p>CB consider it as Minor</p>

	<p>Cohesity to leverage Cisco HyperFlex snapshots.</p> <p>Hyper-V</p> <ul style="list-style-type: none">• Supports recovering files back to Hyper-V 2016 or 2012 R2 Sources that are running Windows. <p>Acropolis</p> <ul style="list-style-type: none">• Supports Nutanix Acropolis 5.8.2 <p>Physical Server</p> <ul style="list-style-type: none">• Supports Christie BMR 8.2.2. <p>NAS</p> <ul style="list-style-type: none">• Supports configuring new options for NAS Protection Jobs that run scripts on the Unix server before and/or after a Protection Job runs. <p>MS SQL Server</p> <ul style="list-style-type: none">• Introduces the MS SQL dashboard.• Introduces a new interface for selecting MS SQL restore dates and times. Users can select a Snapshot from a calendar and then use a slider to select a specific point in time. <p>Oracle Database</p> <ul style="list-style-type: none">• RAC overwrite restore and RAC to single instance alternate restore. <p>Microsoft Office 365</p> <ul style="list-style-type: none">• Support for Microsoft Office 365 Mail backups for individual folders and emails. <p>Below are the changes made to the features in version 6.2 release:</p> <p>Scale Out NAS</p> <ul style="list-style-type: none">• Cohesity Views now support NTFS style file permissions.• Users can recover files and folders that were backed up from a Cohesity-protected SMB NAS volume to any other SMB NAS source that is registered with Cohesity. <p>Cloud Services</p> <ul style="list-style-type: none">• Cloning VMs with multiple disks to an AWS cloud using CloudSpin is now supported. VMs that have one to ten disks can be cloned.• Support for cloning Hyper-V VMs to an Azure Cloud.		
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	<ul style="list-style-type: none">• Improvements to AWS Native Snapshot Recovery Flow <p>Access Management</p> <ul style="list-style-type: none">• Supports up to ten alphanumeric characters for an organisational ID, which was previously restricted to eight characters.• Supports the cloning of objects—Views, VMs, and Microsoft SQL Databases from all the tenants hosted on the multitenancy Cohesity Cluster.• Allows the Cohesity admin to view the protection jobs, recovery tasks, sources, remote clusters, Alerts, reports, views, and Users associated with all the tenants hosted on the multitenancy Cohesity Cluster.• Supports alert notification emails for all the tenants hosted on a multitenancy Cohesity Cluster.• Allows both the Cohesity admin and an organisational admin to view reports pertaining to an organisation on a multitenancy Cohesity Cluster.• Supports blacklisting of trusted Active Directory domains through the Cohesity Dashboard.• Supports selecting a preferred domain controller through the Cohesity Dashboard.• Users can specify an LDAP provider when adding ID mapping for Active Directory.• Users can use local administrator groups to grant SMB access to Views and/or admin access to the Cluster.• Users can configure the Cluster to use Okta for single sign-on. <p>Replication</p> <ul style="list-style-type: none">• Cohesity DataPlatform compresses the replication data on the Cohesity Cluster before sending it to another Cohesity Cluster. <p>Cohesity Dashboard</p> <ul style="list-style-type: none">• Supports two new audit log actions—Assign and Unassign on the Cohesity Cluster.• New Cluster-wide search to find Objects on the local Cluster.		
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Version	Description of Changes	Rationale	Impact
Cohesity DataPlatform and DataProtect version 6.2	<ul style="list-style-type: none"> • New Cohesity REST API Operations added. <p>Several Data Protection changes are made to different type of protected sources as describe below:</p> <p>VMware</p> <ul style="list-style-type: none"> • A vCloud Director server and its vCenters can be registered as a backup source. Cohesity DataPlatform supports vCloud Director Version 9.0, 9.1 and 9.5. • Back up and recover VMware VM templates. • Cohesity DataPlatform supports verifying the certificate on a vCenter against the CA certificate before registration. • Support back up and recover VMware VMs hosted on a VVol datastore. • Support VMware virtual disks recovery. <p>Hyper-V</p> <ul style="list-style-type: none"> • Register a standalone Hyper-V host as a backup source. <p>Physical Servers</p> <ul style="list-style-type: none"> • Support Windows file backup using VSS. • Support source side deduplication. • New installer packages with Linux agents. <p>MS SQL Server</p> <ul style="list-style-type: none"> • Protect MS SQL servers and databases that contain FILESTREAM data. • Support defining multiple custom rules when restoring MS SQL databases. • Leverages file-based backup to provide ad hoc backup at the MS SQL database level in a protection job. <p>Oracle Database</p> <ul style="list-style-type: none"> • Point in time recovery supported for Oracle RAC databases. <p>SAP HANA</p> <ul style="list-style-type: none"> • Support backing up of SAP HANA databases using a Cohesity backup plug-in, BACKINT. <p>Pure Flash Array</p>	The updates do not affect the Security Functional Requirements of the TOE.	CB consider it as Minor

	<ul style="list-style-type: none">• Support for configuring new protection job options that run scripts before and/or when taking a snapshot on the Pure Flash Array. <p>Microsoft Office 365</p> <ul style="list-style-type: none">• Support for Office 365 Exchange Online mailboxes. <p>Below are the changes made to the features in version 6.2 release:</p> <p>Scale Out NAS</p> <ul style="list-style-type: none">• Security setting enhancements for whitelists. <p>Cloud Services</p> <ul style="list-style-type: none">• Support setting the Cloud Tier threshold at the storage domain level.• Support for Google Transfer Appliance.• Support incremental CloudSpin to AWS• Support CloudSpin Hyper-V 2012 R2 VMs to Azure• Support for Azure managed disks in CloudSpin of VMWare VMs to Azure.• AWS native protection jobs support auto protect and tag-based searches for VMs.• File retrieval from Glacier using the Expedited option.• Enhancements for Azure Cloud Edition setup tool.• Cohesity Cloud Edition can now be deployed in small (2TB per node) and medium (6TB per node) disk configurations, in addition to the current 12TB per node configuration.• Cloud Edition AWS can now be deployed from Helios. <p>Reporting and Multitenancy</p> <ul style="list-style-type: none">• New Postgres DB in DataPlatform enables users to create custom reports.• New Protected Objects Heatmap report is available.• Support deletion of organisations from a cluster.• Organisations can schedule emails for the reports specific to their organisation with multitenancy. <p>Alerts</p> <ul style="list-style-type: none">• Add fine-grain alert notifications.		
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	<ul style="list-style-type: none"> Alerts can trigger notifications not only via email but also now via HTTP REST-based webhooks. <p>Cluster Configuration</p> <ul style="list-style-type: none"> Add web proxy support. Add LLDP support. <p>Virtual Edition</p> <ul style="list-style-type: none"> RF1 support with clustered Virtual Edition. <p>New Hardware Platforms</p> <ul style="list-style-type: none"> Cohesity has qualified the following hardware for nodes in the Cohesity Cluster: <ul style="list-style-type: none"> C4000 Series Cisco UCS C220 M5 HPE Apollo r2200 Gen10 <p>Documentation Changes</p> <ul style="list-style-type: none"> Technical Guides are now available from Cohesity documentation page. <p>Cluster Access via SSH</p> <ul style="list-style-type: none"> Connecting to the cluster via SSH now displays the cohesity_shell prompt. New Cohesity REST API Operations added. 		
Version	Description of Changes	Rationale	Impact
Cohesity DataPlatform and DataProtect version 6.2.1	<p>Disaster Recovery</p> <ul style="list-style-type: none"> Enhancements on replication performance. 	The updates do not affect the Security Functional Requirements of the TOE.	CB consider it as Minor
Version	Description of Changes	Rationale	Impact
Cohesity DataPlatform and DataProtect version 6.3	<p>Several Data Protection changes are made to different type of protected sources as describe below:</p> <p>VMware</p> <ul style="list-style-type: none"> Add recovery point objective policies. Add encrypted VM backup and recovery. Add multi-volume snapshots with Pure Storage. Add VM tag information recovery. 	The updates do not affect the Security Functional Requirements of the TOE.	CB consider it as Minor

	<p>Hyper-V</p> <ul style="list-style-type: none">• Hyper-V failover cluster registration as a backup source. Support Hyper-V 2016 and Hyper-V 2012 R2.• Support filtering Hyper-V sources by VM tags.• Add support for VMs hosted on Hyper-V 2019 managed by SCVMM. <p>Acropolis</p> <ul style="list-style-type: none">• Introduces file and folder recovery from a backup to source AHV VMs. <p>Linux Agent</p> <ul style="list-style-type: none">• Allows the Linux system administrator to whitelist a set of commands that do not need the root rights to be executed from the Cohesity agent. <p>AIX Agent</p> <ul style="list-style-type: none">• Introduces Java-based agents for AIX physical servers. <p>Physical Servers</p> <ul style="list-style-type: none">• Support Debian 9.6• Support AIX 6.1 TL8 and TL9. <p>NAS</p> <ul style="list-style-type: none">• Support efficient SMB volume recovery of external NAS backups. <p>MS SQL Server</p> <ul style="list-style-type: none">• Support database migration for file-based MS SQL backups.• Support restoring MS SQL system databases (master, msdb, model) to their original source or to an alternate MS SQL instance.• MS SQL database restore supports database file rename on restore to the original location. <p>MS Active Directory</p> <ul style="list-style-type: none">• Introduces support for AD backup and granular item-level recovery. <p>Oracle Database</p> <ul style="list-style-type: none">• Support cloning of Oracle database.• Support sudo privileges for Oracle users.• Support physical file and volume backups of Oracle RAC cluster and Oracle AP cluster. <p>SAP HANA</p>		
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	<ul style="list-style-type: none">• Support now includes the ability to whitelist IPs for SAP HANA storage view access. <p>Pure Flash Array</p> <ul style="list-style-type: none">• Support for configuring new protection job options that run scripts before and/or when taking a snapshot on the Pure Flash Array. <p>Microsoft Office 365</p> <ul style="list-style-type: none">• Support incremental indexing of backups in Office 365.• Support registering Office 365 Source. <p>Below are the changes made to the features in version 6.3 release:</p> <p>File and Object Services</p> <ul style="list-style-type: none">• Support the migration of data from NAS primary storage to Cohesity cluster.• Support antivirus scanning for SMB enabled Views.• Add application aware storage efficiency.• Local users (users who are not part of any domain controllers) can now authenticate and access file services using the SMB protocol. <p>Cloud Services</p> <ul style="list-style-type: none">• Allows system administrators to set user permissions for a role in Cloud Archive, CloudSpin and Cloud Edition for Azure, AWS and GCP platforms.• Support two new storage classes for AWS, S3 Intelligent-Tiering and S3 One Zone-IA.• Support cluster-wide encryption for Cohesity clusters deployed on Microsoft Azure, AWS and GCP.• Support the deletion protection for VMs on Microsoft Azure, AWS and GCP.• Support Azure VM protection using native Azure APIs.• Support DR failback from AWS to VMware for Windows and Linux Vms with multiple disks. <p>Disaster Recovery</p> <ul style="list-style-type: none">• Enhancements on replication performance.		
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	<ul style="list-style-type: none"> • Add the option to create view on remote cluster. <p>Reporting and Multitenancy</p> <ul style="list-style-type: none"> • Users can deploy a Hybrid Extender VM on each organisation to uniquely identify the virtual entities using the tuple of organisation ID and virtual entity's IP address. • Support adding of new active directories and LDAP providers for an organisation within the Cohesity cluster. • Support a new service manager that enables users to create custom reports to capture information outside of the 24 built-in reports available on the Cohesity cluster. <p>Interface Improvements</p> <ul style="list-style-type: none"> • New Interface Group is introduced for a heterogeneous cluster that can be created and managed through Cohesity DataPlatform CLI. • Cohesity cluster now supports up to 128 VLAN IDs. • Additional dashboard changes. • MarketPlace apps introduced where users can install and run apps from. • Support Enable Login Banner feature. • New Cohesity REST API Operations added. 		
Version	Description of Changes	Rationale	Impact
Cohesity DataPlatform and DataProtect version 6.3.1	<p>Data Protection</p> <ul style="list-style-type: none"> • Support for instant volume mount for VMware Linux virtual machines. • Support for database cloning. <p>DataPlatform</p> <ul style="list-style-type: none"> • Support for additional identity providers such as Active Directory Federation Services (AD FS), Ping Identity, Azure Active Directory and Duo. • Users can now select an organisation after logging in to the Cohesity Dashboard. • Users can assign VMs to an organisation and use VM folders. <p>Cloud Services</p> <ul style="list-style-type: none"> • Support for Cloud Edition for AWS Cloud for Government. 	The updates do not affect the Security Functional Requirements of the TOE.	CB consider it as Minor

	<ul style="list-style-type: none"> Several Google Cloud Platform native backup enhancements. 		
<p>Cohesity DataPlatform and DataProtect version 6.3.1a - 6.3.1e</p>	<p>New Hardware Platform</p> <ul style="list-style-type: none"> Cohesity has qualified the C6000 Series hardware for nodes in the Cohesity Cluster. (Versions 6.1.1f and 6.3.1b support the C6000 Series hardware.) <p>AIX</p> <ul style="list-style-type: none"> Support Journaled File System (JFS) backup when protecting AIX servers. This feature is only supported on AIX version 6.1 TL7. Since AIX OS upgrades are backward compatible, this feature may be also supported on AIX versions 7.1 and 7.2. <p>Veritas Cluster Server</p> <ul style="list-style-type: none"> Cohesity DataPlatform provides support for the backup and recovery of the Veritas Infoscale component. <p>RHEL Support</p> <ul style="list-style-type: none"> Cohesity DataPlatform now supports Red Hat Enterprise Linux 8. <p>Cohesity Agent Installer</p> <ul style="list-style-type: none"> If users installing the Cohesity agent 6.3.1e using the installer script on the RHEL server with SELinux enabled, users must provide an additional option, --install-dir <i><installtion_path></i> when running the installer executable. <i><installtion_path></i> is the directory path where the agent will be installed. Users should not provide the /home directory as the installation directory. <p>These patch release also fixed several customer issues, which can be referred in 'Fixed Issues' of the Release Notes version 6.3.1 (Ref. Error! Reference source not found.).</p>	<p>The updates do not affect the Security Functional Requirements of the TOE.</p>	<p>CB consider it as Minor</p>

2.2 Changes to the SFRs claimed in the ST

- 7 The changes that have been made is not affecting Security Functional Requirements (SFRs) in the ST (Ref [3]).

3 Affected Developer Evidence

8 The affected developer evidence submitted for the assurance continuity required by the CCRA Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012 (Ref [8]) are as below:

Table 3 – Affected Developer Evidence

Evidence	Description of Changes	Rationale	Impact
Cohesity DataPlatform & DataProtect Version 6.3.1e Security Target, Version 1.3, 07 May 2020	<ul style="list-style-type: none"> • The ST version and document date have been updated. • TOE reference has been updated to reflect the change in TOE version from the developer. • Section 1.4 – Abbreviations and Acronyms has been updated to add the acronym “SSO” which stands for “Single Sign On”. • Section 2.3.2 – Operational Environment Components has been updated to add several supported Sources for the existing physical/logical storage. Office 365 Exchange Online Mailboxes is added as a new Source for Mail Server. • Section 2.4.4 has been updated to include a description that the TOE provides support for SAML Single Sign On (SSO) for identity providers such as Active Directory Federation Services (AD FS), Ping Identity, Azure Active Directory and Duo. • TOE documentation in Section 2.6 has been updated to reflect the latest versions of guidance documentation. 	The changes/update that have been made is not affecting to the SFRs or functionality that was included in the scope of the previous evaluation.	CB consider it as Minor
Cohesity DataPlatform & DataProtect Version 6.3.1e Design Documentation, Version 0.5, 07 May 2020	<ul style="list-style-type: none"> • The ST version and document date have been updated. • The document version and document date have been updated. • TOE reference has been updated to reflect the change in TOE version from the developer. • Section 1 has been updated to add model numbers C6025, 	The changes/update that have been made is not affecting to the SFRs or functionality that was included in the scope of	CB consider it as Minor

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Evidence	Description of Changes	Rationale	Impact
	<p>C6035 and C6045 for the hardware components sold by Cohesity.</p> <ul style="list-style-type: none"> The references section has been updated to reflect the latest version of guidance documentation. 	<p>the previous evaluation.</p>	
<p>Cohesity EAL2+ Life-Cycle Support Documentation, Version 0.9, 07 May 2020</p>	<ul style="list-style-type: none"> The document version and document date have been updated. TOE reference throughout the document has been updated to reflect the change in TOE version from the developer. The document has been updated to state that Cohesity now uses Git version 2.23 as its source code management tool. TOE configuration list and configuration items in Section 3 have been updated to reflect the latest versions of evaluation documentation. 	<p>The changes/update that have been made is not affecting to the SFRs or functionality that was included in the scope of the previous evaluation.</p>	<p>CB consider it as Minor</p>
<p>Cohesity DataPlatform & DataProtect User Guide Version 6.3.1, 01 December 2019</p>	<ul style="list-style-type: none"> TOE reference has been updated to reflect new version. Document date has been updated. Descriptions of new supported sources as described in Section 2.3.2 of the ST has been added in the guidance documentation. 	<p>The changes/update that have been made is not affecting to the SFRs or functionality that was included in the scope of the previous evaluation.</p>	<p>CB consider it as Minor</p>
<p>Cohesity Security Features, 25 February 2019</p>	<ul style="list-style-type: none"> TOE reference has been updated to reflect latest version. Document date has been updated. Section “Primary Site to a Cohesity Cluster” has been updated to include a description of secure communication between Cohesity cluster and Cohesity backup service (agent) using SSL/TLS integrated transport. 	<p>The changes/update that have been made is not affecting to the SFRs or functionality that was included in the scope of the previous evaluation.</p>	<p>CB consider it as Minor</p>

Evidence	Description of Changes	Rationale	Impact
	<ul style="list-style-type: none">• Default key rotation policy for Key Encryption Key (KEK) has been updated to 90 days in Section "Key Management".• Added support for SafeNet external Key Management Server in Section "Key Management"		

4 Result of Analysis

- 9 The outcome of the review found that none of the modifications significantly affects the security mechanisms that implement the functional requirements of the Security Target (Ref [3]) as required in accordance of Assurance Continuity: CCRA Requirements version 2.1 (2012-06-01) June 2012 (Ref [8]).
- 10 The nature of the changes leads to the conclusion that they are classified as minor changes. Therefore, it is agreed based on the evidences given that the assurance is maintained for this version of the product.

Annex A References

- [1] Cohesity DataPlatform and DataProtect version 6.3.1e Impact Analysis Report (IAR), BA0008626-IAR, Version 2.0, 12 May 2020
- [2] Cohesity Release Notes Version 6.3.1, 06 May 2020
- [3] Cohesity DataPlatform and DataProtect Security Target, Version 1.0, 15 June 2019 – Version 6.0.1
- [4] Cohesity DataPlatform and DataProtect Security Target, Version 1.3, 07 May 2020 – Version 6.3.1e
- [5] Cohesity EAL2+ Life-Cycle Support Documentation, Version 0.9, 07 May 2020
- [6] Cohesity DataPlatform & DataProtect User Guide, 6.3.1, 1 December 2019
- [7] Cohesity DataPlatform & DataProtect Version 6.3.1e Design Documentation, Version 0.5, 07 May 2020
- [8] Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012
- [9] Arrangement on the Recognition of Common Criteria Certificates in the field of Information Technology Security, July 2014.
- [10] Common Criteria for Information Technology Security Evaluation, Version 3.1, Revision 5, April 2017.
- [11] Common Evaluation Methodology for Information Technology Security Evaluation, Version 3.1, Revision 5, April 2017.
- [12] MyCC Scheme Requirement (MyCC_REQ), v1, December 2019.
- [13] ISCB Evaluation Facility Manual (ISCB_EFM), v2, December 2019.
- [14] Cohesity DataPlatform & DataProtect Version 6.0.1 Evaluation Technical Report, GOXX1820-S047-ETR, Version 1.0, 29 July 2019.

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