As Built Guide

Prepared for ${CustomerName}

Presented by Commvault Services

${ReportDate}

Version 1.0

Prepared by

**Commvault Professional Services**

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1. Document Control

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1. Document Distribution

Associated Documents

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1. Associated Documents

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# Purpose of Document

The purpose of this document is to provide ${CustomerName} with the detail of their CommCell configuration as of the revision date. It does not provide all design decisions and rationale but does include any variations from the original Design in terms of configurations made during the implementation.

This document has been prepared for the technical and management staff responsible for maintaining the Commvault Data Management solution.

It is assumed that all readers of this document possess a moderate technical background and high-level understanding of Backup and Recovery concepts.

**NOTE:** This is an As Built guide and not a detailed reference manual, installation guide or run book. For further information regarding specific features please consult Commvault Books Online at:

<http://documentation.commvault.com/commvault>

# CommCell Information

|  |  |  |
| --- | --- | --- |
| Parameter | Value | Notes |
| #Parameter# | #Value# |  |

1. CommCell Information

# Component Diagram

This section is not automatically populated. Manually update or remove as required

# Commvault Server Infrastructure

## CommServes

### Primary CommServe

|  |  |
| --- | --- |
| Parameter | Value |
| #CSParam# | #CSValue# |

1. Primary CommServe Details

### Secondary CommServe

|  |  |
| --- | --- |
| Parameter | Value |
| #SecondCSParam# | #SecondCSValue# |

1. Secondary CommServe Details

### CommServe Disaster Recovery

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Schedule Name | Schedule Type | Full Jobs To Retain | Is Using Network Path | Log Files to Backup | Writing to Tape | Last Job Id |
| #DRscheduleName# | #DRscheduleType# | #DRfullJobsToRetain# | #DRusingNetworkPath# | #DRlogFilesToBackup# | #DRwritingToTape# | #DRlastJobId# |

1. CommServe Disaster Recovery Details

## Media Agents

### Overview

|  |  |  |  |
| --- | --- | --- | --- |
| Site | Count | OS | Commvault Building Block Size |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Media Agents Overview

### Details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#MA#**   |  |  |  | | --- | --- | --- | | Parameter | Value | Notes | | #MAParameter# | #MAvalue# |  | |

1. Media Agent Details

## Virtual Server Agents

### Overview

|  |  |  |  |
| --- | --- | --- | --- |
| Site | Count | OS | Commvault Building Block Size |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Virtual Server Agents Overview

### Details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#VSA#**   |  |  |  | | --- | --- | --- | | Parameter | Value | Notes | | #VSAParameter# | #VSAValue# |  | |

1. Virtual Server Agent Details

## Search Engine Nodes

### Overview

|  |  |  |  |
| --- | --- | --- | --- |
| Site | Count | OS | Role |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Search Engine Node Overview

### Details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#SEN#**   |  |  |  | | --- | --- | --- | | Parameter | Value | Notes | | #SENParameter# | #SENvalue# |  | |

1. Search Engine Node Details

## Index Servers

### Overview

|  |  |  |  |
| --- | --- | --- | --- |
| Site | Count | OS | Role |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Index Server Overview

### Details

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#IS#**   |  |  |  | | --- | --- | --- | | Parameter | Value | Notes | | #ISParameter# | #ISvalue# |  | |

1. Index Server Details

# Commvault Licensing

|  |  |  |  |
| --- | --- | --- | --- |
| Description | Part Number | Quantity | |
| Permanent | Evaluation |
| #LicDescription# | #LicPartNumber# | #LicPermanent# | #LicEvaluation# |

1. Commvault Licensing Summary

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SKU Name | SKU | SKU Bundle | SKU Parts | | | Quantity | |
| Part Number Name | Perm. Qty | Eval. Qty | Perm. | Eval. |
| #SKUName# | #SKU# | #SKUBundle# | #SKUPartNumber# | #PartPermQ# | #PartEvalQ# | #SKUPermanent# | #SKUEvaluation# |

1. Commvault Licensing Summary

# Storage Repositories

## Snapshot Storage Array Configuration

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Username | Snap Vendor | Type | Firmware | OS |
| #SNAPName# | #SNAPUserName# | #SNAPSnapVendor# | #SNAPType# | #SNAPFirmware# | #SNAPOS# |

1. Storage Array Details

## Disk Library Configuration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MediaAgent | Library Name | Free  Space | Total Storage | Mountpath |
| #DiskMediaAgent# | #DiskLibraryName# | #DiskFreeSpace# | #DiskTotalStorage# | #DiskMountPath# |

1. Disk Library Details

## Cloud Library Configuration

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MediaAgent | Library Name | Type | Micro Pruning enabled | Mountpath |
| #CloudMediaAgent# | #CloudLibraryName# | #CloudType# | #CloudMicroPruningEnabled# | #CloudMountPath# |

1. Cloud Library Details

## Tape Library Configuration

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Drive Count | Drive Type | Slot Count |
| #TapeLibraryName# | #DriveCount# | #DriveType# | #SlotCount# |

1. Tape Library Details

# Storage Policies

## Data Management Storage Policies

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Storage Policy | Copy | # of Streams / Multiplexing Factor | Retention | Extended Retention | Datapath(s) | DDB Engine |
| #DMStoragePolicy# | #DMCopy# | #DMStreamsAndMultiplex# | #DMRetention# | #DMExtendedRetention# | #DMDatapaths# | #DMDDBEngine# |

1. Data Management Storage Policies

## 

## Global Deduplication Storage Policies

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Storage Policy | Storage Policy Copy | Global Deduplication | Block Size (KB) | DDB Availability  Pause, Recover, Failover | Transactional DDB Enabled | Media Agent(s) |
| #GDStoragePolicy# | #GDCopy# | #GDGlobalDedupe# | #GDBlockSize# | #GDDDBAvailability# | #GDTransDDB# | #GDMediaAgent# |

1. Global Deduplication Storage Policies

## Administrative Storage Policies

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Storage Policy | Copy | # of Streams / Multiplexing Factor | Retention | Extended Retention | Datapath(s) | DDB Engine |
| #AdminStoragePolicy# | #AdminCopy# | #AdminStreamsAndMultiplex# | #AdminRetention# | #AdminExtendedRetention# | #AdminDatapaths# | #AdminDDBEngine# |

1. Administrative Storage Policies

# Schedules

## Schedule Policies

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Type | Clients/Client Groups | Agent Types | Time | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| #SPName# | #SPType# | #SPClients# | #SPAgents# | #SPTime# | **#SPMon#** | **#SPTue#** | **#SPWed#** | **#SPThu#** | **#SPFri#** | **#SPSat#** | **#SPSun#** |

1. Schedule Policies

## Standalone Schedules

The following are configured to initiate operations as independent (not policy-based) schedules.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Type | Clients/Client Groups | Agent Types | Time | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
| #STName# | #STType# | #STClients# | #STAgents# | #STTime# | **#STMon#** | **#STTue#** | **#STWed#** | **#STThu#** | **#STFri#** | **#STSat#** | **#STSun#** |

1. Standalone Schedules

# Subclient Policies

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Subclient Policy | Agent | Subclient | Storage Policy | Content |
| #SubClientPolicyName# | #SubClientiDA# | #SubclientName# | #SubClientSP# | #SubCLientContent# |

# Vault Tracker Policies

|  |  |  |  |
| --- | --- | --- | --- |
| Vault Tracker Policy | Storage Policy | Storage Policy Copy | Block Size (KB) |
| #VTPolicyName# | #VTStoragePolicy# | #VTPolicyType# | #VTBlockSize# |

# Client Computer Groups

|  |  |  |  |
| --- | --- | --- | --- |
| Client Computer Group Name | Description | Auto or Manual Assoc | Additional Settings |
| #CCGClientGroup# | #CCGDecsription# | #CCGAutoOrManulAssoc# | #CCGAdditionalSettings# |

1. Client Computer Groups

# System Monitoring

## Alerts

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Alert Category | Alert Type | Notification Method | Status |
| #AlertName# | #AlertCategory# | #AlertType# | #AlertNotificationMethod# | #AlertStatus# |

1. Alerts

## Reports (scheduled)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Report Category | Report Type | Notification Method | Status |
| #RptName# | #RptCategory# | #RptType# | #RptNotificationMethod# | #RptStatus# |

1. Reports

# Networking

## Commvault Firewall Rules

The following firewall rules are configured to restrict Commvault communications through the specified port range.

|  |  |  |  |
| --- | --- | --- | --- |
| Source | Destination | Traffic Direction | Port/Protocol |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

1. Firewall Rules

## Internet Connectivity

|  |  |
| --- | --- |
| Option | Value |
| #InternetOption# | #InternetValue# |

1. Internet Connectivity

## Cloud Metrics Reporting

|  |  |
| --- | --- |
| Cloud Metrics Option | Value |
| #MetricsOption# | #MetricsValue# |

1. Cloud Metrics Connectivity

# Security

## Roles

|  |  |  |
| --- | --- | --- |
| Name | Description | Status |
| #RoleName# | #RoleDescription# | #RoleStatus# |

1. Roles

## Domain User Groups

|  |  |  |  |
| --- | --- | --- | --- |
| Domain | AD Group | Associated Role | Additional Settings |
| #ADDomain# | #ADGroup# | #ADAssociatedRole# | #ADAdditionalSettings# |

1. User Groups

## CommCell Users

|  |  |  |  |
| --- | --- | --- | --- |
| Username | Associated Group | Associated Role | Additional Settings |
| #CCUserName# | #CCAssociatedGroup# | #CCAssociatedRole# | #CCAdditionalSettings# |

1. CommCell Users

# 

# Data Protection Agent Configurations

## Hypervisor Protection

|  |  |  |
| --- | --- | --- |
| Virtual Server Client Name | Type | Associated Virtual Server Agent Proxies |
| #VSName# | #VSType# | #VSProxies# |

# Clients

## Active Clients with Agents Installed

|  |  |
| --- | --- |
| Client | Installed Agents |
| #Client# | #Agents# |