



Veeam Backup & Replication As Built Report

Zen Pr Solutions

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1 VEEAM-VBR

The following section provides an overview of the implemented components of Veeam Backup & Replication.

1.1 Executive Summary

Backup Infrastructure

Number of Backup Proxies	4
Number of Managed Servers	40
Number of Backup Repositories	6
Number of SOBR Repositories	3
Number of Object Repository	3
Number of WAN Accelerator	3
Number of Cloud Service Providers	2
Number of SureBackup Application Group	2
Number of SureBackup Virtual Lab	2
Number of Locations	7
Instance Licenses (Total/Used)	1000/0
Socket Licenses (Total/Used)	0/0
Capacity Licenses (Total/Used)	0TB/0TB

Table 1 - Backup Infrastructure Summary - VEEAM-VBR

Tape Infrastructure

Number of Tape Servers	2
Number of Tape Library	3
Number of Tape MediaPool	9
Number of Tape Vault	2
Number of Tape Drives	7
Number of Tape Medium	33

Table 2 - Tape Infrastructure Summary - VEEAM-VBR

Inventory

Number of vCenter Servers	2
Number of ESXi Servers	7
Number of Hyper-V Clusters	1
Number of Hyper-V Servers	3
Number of Protection Groups	6
Number of File Shares	10

Table 3 - Inventory Summary - VEEAM-VBR

Storage Infrastructure

Number of NetApp Ontap Storage	5
Number of NetApp Ontap Volumes	5

Number of Dell Isilon Storage	1
Number of Dell Isilon Volumes	1

Table 4 - Storage Infrastructure Summary - VEEAM-VBR

Replication

Number of Replicas	3
Number of Failover Plans	3

Table 5 - Replication Summary - VEEAM-VBR

1.2 Backup Infrastructure Components

The following section details configuration information about the Backup Server: VEEAM-VBR

1.2.1 Backup Server

Server Name	VEEAM-VBR.pharmax.local
Version	11.0.1.1261
Database Server	VEEAM-SQL.pharmax.local
Database Instance	
Database Name	VeeamBackup
Connection Ports	Backup Server Port: 9392 Secure Connections Port: 9401 Cloud Server Port: 10003 Cloud Service Port: 6169
Install Path	C:\Program Files\Veeam\Backup and Replication\Backup\
Audit Logs Path	C:\ProgramData\Veeam\Backup\Audit
Compress Old Audit Logs	Yes
Fips Compliant Mode	Disabled
Logging Level	4
Log Directory	C:\ProgramData\Veeam\Backup

Table 6 - Backup Server - VEEAM-VBR

1.2.2 Enterprise Manager Information

The following table details information about Veeam Enterprise Manager

Server Name	VEEAM-EM.pharmax.local
Server URL	https://VEEAM-EM.pharmax.local:9443/
Skip License Push	No
Is Connected	Yes

Table 7 - Enterprise Manager - VEEAM-VBR

1.2.3 License Information

The following section provides a summary about the installed licenses

1.2.3.1 Installed License Information

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Licensed To	Veeam Software Group GmbH
Edition	EnterprisePlus
Type	Evaluation
Status	Valid
Expiration Date	Thursday, December 1, 2022
Support Id	N/A
Support Expiration Date	-
Auto Update Enabled	No
Free Agent Instance	Yes
Cloud Connect	Disabled

Table 8 - Licenses - VEEAM-VBR

Instance License Usage

Instances Capacity	Used Instances	New Instances	Rental Instances
1000	0	0	0

Table 9 - Instance License Usage - VEEAM-VBR

CPU Socket License Usage

Licensed Sockets	Used Sockets Licenses	Remaining Sockets Licenses
0	0	0

Table 10 - CPU Socket Usage - VEEAM-VBR

Capacity License Usage

Licensed Capacity in Tb	Used Capacity in Tb
0	0

Table 11 - Capacity License Usage - VEEAM-VBR

1.2.4 General Options

The following section details Veeam Backup & Replication general setting. General settings are applied to all jobs, backup infrastructure components and other objects managed by the backup server.

1.2.4.1 Configuration Backup

Name	Backup Configuration Job
Run Job Automatically	Yes
Schedule Type	Daily
Schedule Options	Type: Everyday Period: 10:00:00 Day Of Week: Sunday Monday Tuesday Wednesday Thursday Friday Saturday
Restore Points To Keep	10
Encryption Enabled	Yes
Encryption Key	Password Global
Additional Address	veeam_admin@pharmax.local
Email Subject	[%JobResult%] %JobName% (%Time%)

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Notify On	Notify On Success: No Notify On Warning: Yes Notify On Error: Yes Notify On Last Retry Only: Yes
NextRun	08/22/2022 10:00:00
Target	Linux - Hardened Repository
Enabled	Yes
LastResult	Warning

Table 12 - Configuration Backup Settings - VEEAM-VBR

1.2.4.2 Email Notification

Email Recipient	veeam_admin@pharmax.local,jcolonf@zenprsolutions.com
Email Sender	veeam_admin@pharmax.local
SMTP Server	veeam-ex.pharmax.local
Email Subject	[%JobResult%] %JobName% (%VmCount% machines) %Issues%
SSL Enabled	Yes
Auth Enabled	Yes
Credentials	rebelinux@gmail.com
Daily Reports Time	10:00 PM
Enabled	Yes
Notify On	Notify On Success: Yes Notify On Warning: Yes Notify On Failure: Yes Notify On Last Retry Only: Yes

Table 13 - Email Notification Settings - VEEAM-VBR

1.2.4.3 Storage Latency Control

Latency Limit	Throttling IO Limit	Enabled
20/ms	30/ms	Yes

Table 14 - Storage Latency Control - VEEAM-VBR

Per Datastore Latency Control Options

Datastore Name	Latency Limit	Throttling IO Limit
datastore-19991	10/ms	15/ms

Table 15 - Per Datastore Latency Control Options - VEEAM-VBR

1.2.4.4 Backup Server TLS Certificate

Friendly Name	Veeam Backup Server Certificate
Subject Name	CN=Veeam Backup Server Certificate
Issuer Name	CN=Veeam Backup Server Certificate
Expiration Date	6/27/2032
Issued Date	6/27/2022
Thumbprint	958974015EB6E49D6B381229D2521966CB25B9BE
SerialNumber	4369014BA8DF88B344C2B090F1D19974

Table 16 - TLS Certificate - VEEAM-VBR

1.2.4.5 Network Traffic Rules

The following section details network traffic rules settings configured on Veeam Backup & Replication.

Name	Inter-Site-to-DR
Source IP Start	192.168.7.1
Source IP End	192.168.7.255
Target IP Start	10.10.33.1
Target IP End	10.10.33.255
Encryption Enabled	No
Throttling	Throttling Enabled: Yes Throttling Unit: MbytePerSec Throttling Value: 10 Throttling Windows: Yes

Table 17 - Network Traffic Rules - Inter-Site-to-DR

Name	Internet
Source IP Start	Any
Source IP End	-
Target IP Start	Internet
Target IP End	-
Encryption Enabled	Yes
Throttling	Throttling Enabled: No Throttling Unit: MbitPerSec Throttling Value: 1 Throttling Windows: No

Table 18 - Network Traffic Rules - Internet

Preferred Networks

IP Address	Subnet Mask	CIDR Notation
192.168.7.0	255.255.255.0	192.168.7.0/24

Table 19 - Preferred Networks - VEEAM-VBR

1.2.5 Roles and Users

The following section provides information about roles assigned to users or groups.

Name	Type	Role
Administrators	Group	BackupAdmin
PHARMAX\veeam_admin	User	BackupOperator
PHARMAX\vraser	User	BackupOperator

Table 20 - Roles and Users - VEEAM-VBR

1.2.6 Security Credentials

The following table provide information about the credentials managed by Veeam Backup & Replication.

Name	Change Time	Description
admin	12/14/2019	admin netapp
admin	2/24/2022	ONTAP-HQ-SAN
admin	1/16/2022	Isilon Account

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Name	Change Time	Description
administrator@pharmax.local	12/16/2019	administrator@pharmax.local
administrator@vsphere.local	2/27/2021	administrator@vsphere.local
backup_admin1	5/29/2020	veeam_admin netapp nmdp
backup_admin1	2/24/2022	backup_admin1
god	12/28/2021	god
god	12/28/2021	god
rebelinux@gmail.com	12/28/2021	rebelinux@gmail.com
root	12/14/2019	Azure helper appliance credentials
root	7/20/2022	ESXi root account
root	12/14/2019	Helper appliance credentials
root	12/14/2019	Provider-side network extension appliance credentials
root	12/18/2019	root
root	12/14/2019	Tenant-side network extension appliance credentials
SYS	12/18/2019	SYS
veeam	7/6/2021	veeam_dxi
VEEAM	12/18/2019	VEEAM
VEEAM_ADMIN	12/18/2019	VEEAM_ADMIN
veeam_admin	12/15/2019	veeam_admin
veeam_admin@pharmax.local	12/14/2019	veeam_admin@pharmax.local
VEEAM-VBR	2/6/2022	VEAM-VBR
VEEAM-VBR	6/30/2021	HP StoreOne VSA
ZenPRSolutions-130858420/ZenPRSolutions-130858420	6/9/2022	ZenPRSolutions-130858420/ZenPRSolutions-130858420

Table 21 - Security Credentials - VEEAM-VBR

1.2.6.1 Service Provider Credentials

The following table provide information about the service provider credentials managed by Veeam Backup & Replication.

Name	Description
godadmin	ACME Inc. Provider
jcolonfzenpr	jcolonfzenpr
ultra_super_god_admin	Super Duper Backup Provider Credential
VCC-ZenPRSolutions	VCC-ZenPRSolutions

Table 22 - Service Provider Credentials - VEEAM-VBR

1.2.7 Geographical Locations

The following section provide a summary about geographical locations.

Name	id
Florida	39a4cbc6-c715-484e-b976-00560946aea9
Cayey	1f13b88a-d8c0-4048-a79c-0f4575dc904a

Name	id
Texas	21037406-af0a-4f39-9393-13c8f3d0c8be
Gurabo	39928575-1581-4f81-bd8f-348b1391bfc0
Mexico	e9ccc857-5620-48e7-b229-5bef94293cc3
Brazil	ceadd22f-3872-4152-9dca-9b27af11b144
San Juan	a7643c0e-ed73-4803-85f1-eef451169a54

Table 23 - Location - VEEAM-VBR

1.2.8 Virtualization Servers and Hosts

Name	Description	Status
veeam-dxi.pharmax.local	Linux host	Unavailable
veeam-lnx-px.pharmax.local	Linux host	Unavailable
pharmax-cluster.pharmax.local	Microsoft Hyper-V cluster	Available
VEEAM-HV-03.pharmax.local	Microsoft Hyper-V server	Unavailable
VEEAM-HV-01	Microsoft Hyper-V server	Unavailable
VEEAM-HV-02	Microsoft Hyper-V server	Unavailable
VEEAM-HV-03.pharmax.local	Microsoft Windows server	Unavailable
VEEAM-VBR-02V.pharmax.local	Microsoft Windows server	Available
VEEAM-HVPRX-01V.pharmax.local	Microsoft Windows server	Available
server-dc-01v	Microsoft Windows server	Unavailable
VEEAM-EDGE-PRX.pharmax.local	Microsoft Windows server	Unavailable
VEEAM-HV-02.pharmax.local	Microsoft Windows server	Unavailable
VEEAM-HV-01.pharmax.local	Microsoft Windows server	Unavailable
VEEAM-REPO-01V.pharmax.local	Microsoft Windows server	Unavailable
VEEAM-VBR.pharmax.local	Microsoft Windows server	Available
ONTAP-HQ-SAN-IC.pharmax.local	NDMP server	Unavailable
192.168.5.18:/oracle	NFS file share	Available
ONTAP-HQ-SAN\NAS-VEEAM:/DATA	NFS filer	Available
ONTAP-HQ-SAN\NAS-VEEAM:/oracle	NFS filer	Available
\\server-dc-01v\UEMConfig	SMB file share	Available
\\isilon_nas.pharmax.local\DATA	SMB file share	Available
PHARMAX-ISILON\System:\DATA	SMB filer	Available
ONTAP-HQ-SAN\NAS-VEEAM:\ipc\$	SMB filer	Available
ONTAP-HQ-SAN\NAS-VEEAM:\c\$	SMB filer	Available
ONTAP-HQ-SAN\NAS-VEEAM:\data	SMB filer	Available
PHARMAX-ISILON	Storage	Available
PHARMAX-DR	Storage	Available
ONTAP-DR-SAN	Storage	Available
VEEAM-NTAP-CLUSTER	Storage	Available
PHARMAX-HQ	Storage	Available
ONTAP-HQ-SAN	Storage	Available
comp-01a.pharmax.local	VMware ESXi server	Available
esxsvr-00f.pharmax.local	VMware ESXi server	Available
VSAN-03B.pharmax.local	VMware ESXi server	Available
disaster-01a.pharmax.local	VMware ESXi server	Available
edge-01a.pharmax.local	VMware ESXi server	Available

Name	Description	Status
VSAN-02B.pharmax.local	VMware ESXi server	Available
comp-02a.pharmax.local	VMware ESXi server	Available
vcenter-03v.pharmax.local	VMware vCenter server	Available
vcenter-01v.pharmax.local	VMware vCenter server	Available

Table 24 - Managed Servers - VEEAM-VBR

1.2.9 Backup Proxies

The following section provides a summary of the Veeam Backup Proxies

1.2.9.1 VMware Backup Proxies

Name	Type	Max Tasks Count	Disabled	Status
veeam-lnx-px.pharmax.local	Vi	2	No	Unavailable
VMware Backup Proxy	Vi	2	No	Available
VEEAM-VBR-02V.pharmax.local	Vi	2	No	Available

Table 25 - Backup Proxy - VEEAM-VBR-02V.pharmax.local

HealthCheck - VEEAM-VBR-02V Services Status

Display Name	Short Name	Status
Veeam Backup VSS Integration Service	VeeamFilesysVssSvc	Running
Veeam Data Mover Service	VeeamTransportSvc	Running
Veeam Explorers Recovery Service	VeeamExplorersRecoverySvc	Running
Veeam Installer Service	VeeamDeploySvc	Running
Veeam Mount Service	VeeamMountSvc	Running
Veeam Tape Access Service	VeeamTapeSvc	Running
Veeam vPower NFS Service	VeeamNFSSvc	Running
Veeam VSS Hardware Provider Service	VeeamVssProviderSvc	Running
Veeam WAN Accelerator Service	VeeamWANSvc	Running

Table 26 - HealthCheck - Services Status - VEEAM-VBR-02V

1.2.9.2 Hyper-V Backup Proxies

Name	Type	Max Tasks Count	Disabled	Status
VEEAM-HVPRX-01V.pharmax.local	HvOffhost	2	No	Available

Table 27 - Backup Proxy - VEEAM-HVPRX-01V.pharmax.local

HealthCheck - VEEAM-HVPRX-01V Services Status

Display Name	Short Name	Status
Veeam Data Mover Service	VeeamTransportSvc	Running
Veeam Hyper-V Integration Service	VeeamHvIntegrationSvc	Running

Display Name	Short Name	Status
Veeam Installer Service	VeeamDeploySvc	Running

Table 28 - HealthCheck - Services Status - VEEAM-HVPRX-01V

1.2.10 WAN Accelerators

The following section provides information about WAN Accelerator. WAN accelerators are responsible for global data caching and data deduplication.

Name	VEEAM-VBR
Host Name	VEEAM-VBR.pharmax.local
Is Public	Yes
Management Port	6164\TCP
Service IP Address	192.168.7.73, 192.168.12.13, 192.168.6.13
Traffic Port	6165\TCP
Max Tasks Count	1
Download Stream Count	5
Enable Performance Mode	Yes
Configured Cache	No
Cache Path	E:\VeeamWAN
Max Cache Size	10 GB

Table 29 - Wan Accelerator - VEEAM-VBR.pharmax.local

Name	VEEAM-VBR-02V.pharmax.local
Host Name	VEEAM-VBR-02V.pharmax.local
Is Public	Yes
Management Port	6164\TCP
Service IP Address	192.168.7.189
Traffic Port	6165\TCP
Max Tasks Count	1
Download Stream Count	5
Enable Performance Mode	No
Configured Cache	Yes
Cache Path	E:\VeeamWAN
Max Cache Size	100 GB

Table 30 - Wan Accelerator - VEEAM-VBR-02V.pharmax.local

Name	VEEAM-EDGE-PRX.pharmax.local
Host Name	VEEAM-EDGE-PRX.pharmax.local
Is Public	Yes
Management Port	6164\TCP
Service IP Address	192.168.7.189
Traffic Port	6165\TCP
Max Tasks Count	1
Download Stream Count	5
Enable Performance Mode	No
Configured Cache	Unknown
Cache Path	C:\VeeamWAN

Max Cache Size	10 GB
----------------	-------

Table 31 - Wan Accelerator - VEEAM-EDGE-PRX.pharmax.local

1.2.11 Backup Repository

The following section provides Backup Repository summary information.

Name	Total Space	Free Space	Space Used	Status
cloud-jcolonfzenpr-01	1000 Gb	997 Gb	0.30%	Available
HQ - Backups	199 Gb	198 Gb	0.50%	Unavailable
Linux - Hardened Repository	199 Gb	187 Gb	6.03%	Unavailable
VEEAM-DD	351 Gb	291 Gb	17.09%	Unavailable
VEEAM-HPE-StoreOnce-VSA	0 Gb	0 Gb	0	Unavailable
VEEAM-VBR - E:\	499 Gb	397 Gb	20.44%	Available
VEEAM-VBR - F:\	99 Gb	95 Gb	4.04%	Available
VEEAM-VBR-02V - E:\	99 Gb	5 Gb	94.95%	Available
VEEAM-VBR-02V - F:\	99 Gb	90 Gb	9.09%	Available

Table 32 - Backup Repository - VEEAM-VBR

1.2.12 Object Storage Repository

The following section provides a summary about the Veeam Object Storage Repository.

Name	Type	Use Gateway Server	Gateway Server
AWS - S3 - Backup	AmazonS3	Yes	VEEAM-VBR
Object storage repository - Minio	AmazonS3Compatible	No	-
OS - Azure Blob	AzureBlob	Yes	VEEAM-VBR

Table 33 - Object Storage Repository - VEEAM-VBR

1.2.13 Archive Object Storage Repository

The following section provides detailed information about Archive Object Storage Backup Repository

AWS - S3 Glacier

Gateway Server	veeam-lnx-px
Gateway Server Enabled	Yes
Archive Type	AmazonS3Glacier
AWS Deep Archive	Yes
AWS Backup Immutability	No
AWS Proxy Instance Type	m5a.large
AWS Proxy Instance vCPU	2
AWS Proxy Instance Memory	8
AWS Proxy Subnet	172.31.32.0/20

AWS Proxy Security Group	veeam-auto-cfdff081-b091-4108-a943-a03340a08644
AWS Proxy Availability Zone	us-east-1b

Table 34 - Archive Object Storage Repository - AWS - S3 Glacier

Azure - Blob Archives

Gateway Server	veeam-lnx-px
Gateway Server Enabled	Yes
Archive Type	AzureArchive
Azure Service Type	ArchiveTier
Azure Archive Container	veeamarchive
Azure Archive Folder	Archive
Azure Proxy Resource Group	VEEAM_Backup
Azure Proxy Network	veeam-auto-91b1c68a-6504-4d87-accf-00778d53a3aa
Azure Proxy VM Size	Standard_D2
Azure Proxy VM vCPU	2
Azure Proxy VM Memory	7
Azure Proxy VM Max Disks	8
Azure Proxy VM Location	eastus

Table 35 - Archive Object Storage Repository - Azure - Blob Archives

1.2.14 ScaleOut Backup Repository

The following section provides a summary about ScaleOut Backup Repository

Name	Performance Tier	Capacity Tier	Archive Tier
SOBR - AWS S3	VEEAM-VBR - F:\ VEEAM-VBR-02V - E:\	AWS - S3 - Backup	AWS - S3 Glacier
SOBR - Azure Blob	VEEAM-VBR-02V - F:\	OS - Azure Blob	Azure - Blob Archives
SOBR - Minio	VEEAM-VBR - E:\	Object storage repository - Minio	Not configured

Table 36 - Scale Backup Repository - VEEAM-VBR

1.2.15 SureBackup Configuration

The following section provides configuration information about SureBackup.

1.2.15.1 Application Groups

The following section provides a summary about Application Groups.

Name	Platform	VM List
HV - APPGroup	HyperV	WIN
PHARMAX-AG	VMWare	smallserver-01v, LINUX-VM

Table 37 - Application Group - VEEAM-VBR

1.2.15.2 Virtual Labs

The following section provides a summary about SureBackup Virtual Lab.

Name	Platform	Physical Host	Physical Host Version
PHARMAX-HV-VLAB	HyperV	VEEAM-HV-01	Microsoft Windows Server 2022 Datacenter Evaluation 64-bit (10.0.20348 build:20348)
PHARMAX-VLAB	VMWare	esxsvr-00f	VMware ESXi 7.0.3 build-20036589

Table 38 - Virtual Lab - VEEAM-VBR

1.3 Tape Infrastructure Components

The following section details Tape Infrastructure configuration information

1.3.1 Tape Servers

Name	Description	Status
VEEAM-VBR	Pharmax HQ Tape Server	Available
VEEAM-VBR-02V.pharmax.local	Created by PHARMAX\jocolon at 1/6/2022 9:16 PM.	Available

Table 39 - Tape Server - VEEAM-VBR

1.3.2 Tape Libraries

The following section provides summary information about Tape Server connected Tape Library.

1.3.2.1 HP MSL G3 Series 9.50

Library Name	HP MSL G3 Series 9.50
Library Model	MSL G3 Series
Library Type	Automated
Number of Slots	96
Connected to	VEEAM-VBR-02V.pharmax.local
Enabled	Yes
Status	Unavailable

Table 40 - Tape Library - HP MSL G3 Series 9.50

Tape Drives

Name	Model	Serial Number	Medium	Enabled	Is Locked	State
Tape0	HPE Ultrium 8-SCSI	3E4C4D2070	SWV4O001	No	No	Offline
Tape1	HPE Ultrium 8-SCSI	3E4C4D2071		No	No	Offline

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Name	Model	Serial Number	Medium	Enabled	Is Locked	State
Tape2	HPE Ultrium 8-SCSI	3E4C4D2072		No	No	Offline
Tape3	HPE Ultrium 8-SCSI	3E4C4D2073		No	No	Offline

Table 41 - Tape Drives - HP MSL G3 Series 9.50

1.3.2.2 HP MSL G3 Series 9.50

Library Name	HP MSL G3 Series 9.50
Library Model	MSL G3 Series
Library Type	Automated
Number of Slots	96
Connected to	VEEAM-VBR-02V.pharmax.local
Enabled	Yes
Status	Unavailable

Table 42 - Tape Library - HP MSL G3 Series 9.50

1.3.2.3 QUANTUM Scalar i2000 7000

Library Name	QUANTUM Scalar i2000 7000
Library Model	Scalar i2000
Library Type	Automated
Number of Slots	20
Connected to	VEEAM-VBR
Enabled	Yes
Status	Unavailable

Table 43 - Tape Library - QUANTUM Scalar i2000 7000

Tape Drives

Name	Model	Serial Number	Medium	Enabled	Is Locked	State
Tape1	IBM ULT3580-TD8	1260008002		No	No	Offline
Tape3	IBM ULT3580-TD8	1657072330		No	No	Offline
Tape5	IBM ULT3580-TD8	0527746823		No	No	Offline

Table 44 - Tape Drives - QUANTUM Scalar i2000 7000

1.3.3 Tape Media Pools

Name	Type	Tape Count	Total Space	Free Space	Tape Library
Free	Free	4	12 TB	12 TB	HP MSL G3 Series 9.50
GFS Media Pool 1	Gfs	1	70 TB	70 TB	QUANTUM Scalar i2000 7000

Name	Type	Tape Count	Total Space	Free Space	Tape Library
Imported	Imported	0	0 KB	0 KB	HP MSL G3 Series 9.50
Oracle - Media Pool	Custom	10	120 TB	120 TB	HP MSL G3 Series 9.50
Retired	Retired	0	0 KB	0 KB	HP MSL G3 Series 9.50
Standard Media Pool	Custom	3	35 TB	35 TB	QUANTUM Scalar i2000 7000
Unrecognized	Unrecognized	0	0 KB	0 KB	HP MSL G3 Series 9.50
WORM GFS Media Pool 1	Gfs	0	59 TB	59 TB	QUANTUM Scalar i2000 7000
WORM Media Pool 1	Custom	5	59 TB	59 TB	QUANTUM Scalar i2000 7000

Table 45 - Tape Media Pools - VEEAM-VBR

1.3.4 Tape Vaults

Name	Description	Automatic Protect	Location
DR - Tape Vault	Created by PHARMAX\jcolon at 1/4/2022 11:10 PM.	No	-
Pharmax - Veeam Tape Vault	Pharmax - HQ Tape Vault	Yes	-

Table 46 - Tape Vault - VEEAM-VBR

1.3.5 NDMP Servers

Name	Credentials	Port	Gateway
ONTAP-HQ-SAN-IC.pharmax.local	backup_admin1	10000	VEEAM-VBR.pharmax.local

Table 47 - NDMP Servers - VEEAM-VBR

1.4 Inventory Components

The following section provides inventory information about the Virtual Infrastructure managed by Veeam Server veeam-vbr.pharmax.local.

1.4.1 Virtual Infrastructure

The following sections detail the configuration about managed virtual servers backed-up by Veeam Server veeam-vbr.pharmax.local.

1.4.1.1 VMware vSphere

The following section details information about VMware Virtual Infrastructure backed-up by Veeam Server veeam-vbr.pharmax.local.

VMware vCenter

Name	Version	Child Host
vcenter-01v.pharmax.local	VMware vCenter Server 7.0.3 build-20150588	comp-02a.pharmax.local, esxsvr-00f.pharmax.local, comp-01a.pharmax.local
vcenter-03v.pharmax.local	VMware vCenter Server 7.0.3 build-20150588	edge-01a.pharmax.local

Table 48 - vCenter Servers - VEEAM-VBR

Esxi Host

Name	Version
comp-01a.pharmax.local	VMware ESXi 7.0.3 build-20036589
comp-02a.pharmax.local	VMware ESXi 7.0.3 build-20036589
disaster-01a.pharmax.local	VMware ESXi 7.0.2 build-17867351
edge-01a.pharmax.local	VMware ESXi 7.0.3 build-20036589
esxsvr-00f.pharmax.local	VMware ESXi 7.0.3 build-20036589
VSAN-02B.pharmax.local	VMware ESXi 7.0.3 build-20036589
VSAN-03B.pharmax.local	VMware ESXi 7.0.3 build-20036589

Table 49 - Esxi Hosts - VEEAM-VBR

1.4.1.2 Microsoft Hyper-V

Hyper-V Clusters

Name	Credentials	Child Host
pharmax-cluster.pharmax.local	administrator@pharmax.local	VEEAM-HV-02, VEEAM-HV-01

Table 50 - Hyper-V Clusters - VEEAM-VBR

Hyper-V Host

Name	Version
VEEAM-HV-01	Microsoft Windows Server 2022 Datacenter Evaluation 64-bit (10.0.20348 build:20348)
VEEAM-HV-02	Microsoft Windows Server 2022 Datacenter Evaluation 64-bit (10.0.20348 build:20348)
VEEAM-HV-03.pharmax.local	Microsoft Windows Server 2022 Datacenter Evaluation 64-bit (10.0.20348 build:20348)

Table 51 - Hyper-V Hosts - VEEAM-VBR

1.4.2 Physical Infrastructure

The following sections detail configuration information about managed physical infrastructure.

1.4.2.1 Protection Groups Summary

Name	Type	Container	Schedule	Enabled
Manually Added	ManuallyAdded	IndividualComputers	Daily	Yes
Linux Protection Group	Custom	IndividualComputers	Daily	Yes
HQ - Manual Packet	Custom	ManuallyDeployed	Daily	Yes
Gurabo PC - Backup	Custom	ActiveDirectory	Periodically	Yes
Server with Netapp LUNS	Custom	ActiveDirectory	Daily	Yes
Others	Custom	ManuallyDeployed	Daily	Yes

Table 52 - Protection Groups - VEEAM-VBR

1.4.3 File Shares

The following table provides a summary about the file shares backed-up by Veeam Server veeam-vbr.pharmax.local.

Path	Type	Backup IO Control	Credentials	Cache Repository
\\192.168.5.18\c\$	NAS Filler	Medium	admin	Linux - Hardened Repository
\\192.168.5.18\DATA	NAS Filler	Medium	admin	Linux - Hardened Repository
\\192.168.5.18\ipc\$	NAS Filler	Medium	admin	Linux - Hardened Repository
\\192.168.7.90\data	NAS Filler	Highest	admin	Linux - Hardened Repository
\\isilon_nas.pharmax.local\DATA	SMB Share	Low	administrator@pharmax.local	Linux - Hardened Repository
\\server-dc-01v\UEMConfig	SMB Share	Medium	administrator@pharmax.local	Linux - Hardened Repository
192.168.5.18:/DATA	NAS Filler	Medium	None	Linux - Hardened Repository
192.168.5.18:/oracle	NFS Share	Low	None	Linux - Hardened Repository
192.168.5.18:/oracle	NAS Filler	Medium	None	Linux - Hardened Repository
server-dc-01v	File Server	Medium	administrator@pharmax.local	Linux - Hardened Repository

Table 53 - File Shares - VEEAM-VBR

1.5 Storage Infrastructure Components

The following section provides information about the storage infrastructure managed by Veeam Server veeam-vbr.pharmax.local.

1.5.1 NetApp Ontap Storage

The following section details information about NetApp storage infrastructure.

1.5.1.1 ONTAP-DR-SAN

DNS Name	ONTAP-DR-SAN.pharmax.local
Description	Created by PHARMAX\jocolon at 1/9/2022 7:40 PM.
Storage Type	NaCluster
Used Credential	admin - (ONTAP-HQ-SAN)
Connection Address	ONTAP-DR-SAN-01V.pharmax.local, 10.10.30.17, 10.10.30.16
Connection Port	443\TCP
Installed Licenses	FlexClone, SnapRestore, Iscsi, Nfs, SnapVaultPrimary, SnapVaultSecondary, SnapMirror, Cifs

Table 54 - NetApp Host - ONTAP-DR-SAN

1.5.1.2 ONTAP-HQ-SAN

DNS Name	ONTAP-HQ-SAN.pharmax.local
Description	Created by PHARMAX\jocolon at 12/23/2021 9:12 PM.
Storage Type	NaCluster
Used Credential	admin - (ONTAP-HQ-SAN)
Connection Address	192.168.5.16, 192.168.5.17
Connection Port	443\TCP
Installed Licenses	FlexClone, SnapRestore, Iscsi, Nfs, SnapVaultPrimary, SnapVaultSecondary, SnapMirror, Cifs

Table 55 - NetApp Host - ONTAP-HQ-SAN

1.5.1.3 VEEAM-NTAP-CLUSTER

DNS Name	VEEAM-NTAP-CLUSTER.pharmax.local
Description	Created by PHARMAX\administrator at 5/5/2022 12:54 PM.
Storage Type	NaCluster
Used Credential	admin - (admin netapp)
Connection Address	VEEAM-NTAP-CLUSTER, 192.168.5.131, 192.168.5.130
Connection Port	443\TCP
Installed Licenses	FlexClone, SnapRestore, Iscsi, Nfs, SnapVaultPrimary, SnapVaultSecondary, SnapMirror, Cifs

Table 56 - NetApp Host - VEEAM-NTAP-CLUSTER

1.5.1.4 PHARMAX-DR

DNS Name	pharmax-dr.pharmax.local
Description	Created by PHARMAX\administrator at 6/29/2021 7:48 PM.
Storage Type	NaCluster

Used Credential	admin - (admin netapp)
Connection Address	pharmax-dr.pharmax.local, 10.10.33.14, 10.10.33.15, 10.10.33.16
Connection Port	443\TCP
Installed Licenses	FlexClone, SnapRestore, Fcp, Iscsi, Nfs, SnapVaultPrimary, SnapVaultSecondary, SnapMirror, Cifs

Table 57 - NetApp Host - PHARMAX-DR

1.5.1.5 PHARMAX-HQ

DNS Name	pharmax-hq.pharmax.local
Description	Created by PHARMAX\administrator at 6/29/2021 12:10 PM.
Storage Type	NaCluster
Used Credential	admin - (admin netapp)
Connection Address	pharmax-hq.pharmax.local, 192.168.7.61, 192.168.7.62, 192.168.7.60
Connection Port	443\TCP
Installed Licenses	FlexClone, SnapRestore, Fcp, Iscsi, Nfs, SnapVaultPrimary, SnapVaultSecondary, SnapMirror, Cifs

Table 58 - NetApp Host - PHARMAX-HQ

1.5.2 Dell Isilon Storage

The following section details information about Dell storage infrastructure.

1.5.2.1 PHARMAX-ISILON

DNS Name	isilon_nas.pharmax.local
Description	Created by PHARMAX\jocolon at 1/16/2022 12:33 PM.
Used Credential	admin - (Isilon Account)
Connection Address	192.168.7.90
Connection Port	8080\TCP

Table 59 - Isilon Host - PHARMAX-ISILON

1.6 Replication Components

The following section provides information about the replications managed by Veeam Server veeam-vbr.pharmax.local.

1.6.1 Replicas

The following section details replica information from Veeam Server veeam-vbr.pharmax.local.

Veeam Backup & Replication As Built Report - v1.0

VM Name	Job Name	Type	Restore Points
csr-mapserver	Cisco-CSR-Replication	VMware Replication	3
VEEAM-VM	HQ-to-EDGE	VMware Replication	1
VEEAM-Linux-VM	HQ-to-EDGE	VMware Replication	5
Tiny-VM	HVCluster-To-HVStandalone	Hyper-V Replication	2

Table 60 - Replicas - VEEAM-VBR

1.6.2 Failover Plans

The following section details failover plan information from Veeam Server veeam-vbr.pharmax.local.

1.6.2.1 Cisco-CSR-FailoverPlan

Platform	VMWare
Status	Ready
Pre Failover Script Enabled	No
Pre Failover Command	-
Post Failover Script Enabled	No
Post Failover Command	-
VM Count	1
Description	Created by PHARMAX\administrator at 5/6/2022 11:54 AM.

Table 61 - Failover Plan - Cisco-CSR-FailoverPlan

1.6.2.2 HQ-To-DR-HV

Platform	HyperV
Status	Ready
Pre Failover Script Enabled	Yes
Pre Failover Command	predbsetup.ps1
Post Failover Script Enabled	Yes
Post Failover Command	postdbsetup.ps1
VM Count	1
Description	Created by PHARMAX\administrator at 5/8/2022 12:00 PM.

Table 62 - Failover Plan - HQ-To-DR-HV

1.6.2.3 HQ-to-EDGE FailOver Plan

Platform	VMWare
Status	Ready
Pre Failover Script Enabled	No
Pre Failover Command	mysql
Post Failover Script Enabled	No
Post Failover Command	-
VM Count	2
Description	Created by PHARMAX\administrator at 5/5/2022 9:43 PM.

Table 63 - Failover Plan - HQ-to-EDGE FailOver Plan

1.7 Jobs Summary

The following section provides information about the configured jobs in Veeam Server: veeam-vbr.pharmax.local.

1.7.1 Backup Jobs

The following section list backup jobs created in Veeam Backup & Replication.

Name	Type	Status	Latest Result	Target Repository
Agent Backup Policy 2	Linux Agent Policy	Enabled	Failed	SOBR - Minio
Backup - Replicated VM - Cloud Virtualdcs	VMware Backup	Enabled	Success	Linux - Hardened Repository
Backup Copy Job 1	VMware Backup Copy	Enabled	Failed	cloud-jcolonfzenpr-01
COMP-CLUSTER-NFS	VMware Backup	Enabled	Warning	SOBR - Minio
File Backup Job 1	File Backup	Enabled	Failed	SOBR - Minio
File Backup Job 1 (Copy) 1	Backup Copy	Enabled	None	VEEAM-DD
Gurabo PC - Backup Job	Windows Agent Policy	Enabled	None	SOBR - Minio
HPE-StoreOnce-Copy-Job	VMware Backup Copy	Enabled	Success	VEEAM-HPE-StoreOnce-VSA
Hyper-V-Backup-Copy	Hyper-V Backup Copy	Disabled	None	SOBR - Minio
HyperV-Backup-Job	Hyper-V Backup	Enabled	Success	VEEAM-HPE-StoreOnce-VSA
Linux Agent Backup Job	Linux Agent Backup	Enabled	Failed	Linux - Hardened Repository
PHARMAX-HQ-SVR	VMware Backup	Disabled	Failed	SOBR - Minio
SOBR - TEST	VMware Backup	Enabled	Success	SOBR - Minio
VM - Test - AWS	VMware Backup	Enabled	Failed	SOBR - AWS S3
VM Copy Job 1	VM Copy	Enabled	Success	F:\VM
WIN HyperV VM Backup	Hyper-V Backup	Disabled	Failed	SOBR - Minio

Table 64 - Backup Jobs - VEEAM-VBR

1.7.2 VMware Backup Jobs Configuration

The following section details the configuration of VMware type backup jobs.

Name	Creation Time	VM Count
Backup - Replicated VM - Cloud Virtualdcs	06/27/2022 16:57:50	3
Backup Copy Job 1	12/21/2021 20:14:52	1
Backup Copy Job 1	06/14/2022 20:57:51	3
COMP-CLUSTER-NFS	06/02/2021 20:31:27	1

Veeam Backup & Replication As Built Report - v1.0

Name	Creation Time	VM Count
HPE-StoreOnce-Copy-Job	06/30/2021 18:00:40	1
PHARMAX-HQ-SVR	06/29/2021 12:15:23	1
Servers Backup Daily	12/15/2019 19:25:18	0
SOBR - TEST	02/27/2021 21:07:32	1
SQL Server Backup	12/15/2019 20:46:10	0
VEEAM-SP Server Backup	12/15/2019 23:22:23	0
VM - Test - AWS	12/20/2021 12:57:43	1

Table 65 - VMware Backup Summary - VEEAM-VBR

1.7.2.1 PHARMAX-HQ-SVR

Common Information

Name	PHARMAX-HQ-SVR
Type	VMware Backup
Total Backup Size	31 GB
Target Address	
Target File	PHARMAX-HQ-SVR
Description	Created by PHARMAX\administrator at 6/29/2021 12:12 PM.
Modified By	PHARMAX\administrator

Table 66 - Common Information - PHARMAX-HQ-SVR

Virtual Machines

Name	Linux-Mon-01v
Resource Type	Virtual Machine
Role	Exclude
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionA01-COMP\PHARMAX-HQ-SVR\Linux-Mon-01v
Approx Size	0 B
Disk Filter Mode	SelectedDisks

Table 67 - Virtual Machines - Linux-Mon-01v

Name	PHARMAX-HQ-SVR
Resource Type	Resource Pool
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionA01-COMP\PHARMAX-HQ-SVR
Approx Size	30.6 GB
Disk Filter Mode	SelectedDisks

Table 68 - Virtual Machines - PHARMAX-HQ-SVR

Storage

Backup Proxy	veeam-lnx-px.pharmax.local
Backup Repository	SOBR - Minio
Retention Type	Cycles

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Retain Cycles	8
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	Yes
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Syntethic	No
Transform Increments To Syntethic	No
Transform To Syntethic Days	Saturday

Table 69 - Storage Options - PHARMAX-HQ-SVR

Secondary Target

Job Name	Type	State	Description
Backup Copy Job 1	VMware Backup Copy	Failed	Created by PHARMAX\administrator at 2/12/2022 9:10 PM.
PHARMAX-HQ-SVR-TAPE	Backup to Tape	Failed	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 70 - Secondary Destination Jobs - PHARMAX-HQ-SVR

Guest Processing

Name	PHARMAX-HQ-SVR
Enabled	Yes
Resource Type	Resource Pool
Ignore Errors	Yes
Guest Proxy Auto Detect	Yes
Default Credential	administrator@pharmax.local
Object Credential	administrator@vsphere.local
Application Processing	Yes
Transaction Logs	Process Transaction Logs
Use Persistent Guest Agent	Yes

Table 71 - Guest Processing Options - PHARMAX-HQ-SVR

Name	Linux-Mon-01v
Enabled	Yes
Resource Type	Virtual Machine
Ignore Errors	No
Guest Proxy Auto Detect	Yes
Default Credential	administrator@pharmax.local
Object Credential	Default Credential
Application Processing	Yes
Transaction Logs	Process Transaction Logs
Use Persistent Guest Agent	No

Table 72 - Guest Processing Options - Linux-Mon-01v

1.7.2.2 SOBR - TEST

Common Information

Name	SOBR - TEST
Type	VMware Backup
Total Backup Size	0 KB
Target Address	
Target File	SOBR - TEST
Description	Created by PHARMAX\administrator at 2/27/2021 9:06 PM.
Modified By	PHARMAX\administrator

Table 73 - Common Information - SOBR - TEST

Virtual Machines

Name	smallserver-01v
Resource Type	Virtual Machine
Role	Include
Location	PHARMAX-VSI-DC/snap-1b27954c-SERVER_DATASTORE/smallserver-01v
Approx. Size	0 B
Disk Filter Mode	AllDisks

Table 74 - Virtual Machines - smallserver-01v

Storage

Backup Proxy	Automatic
Backup Repository	SOBR - Minio
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Syntethic	Yes
Transform Increments To Syntethic	No
Transform To Syntethic Days	Saturday

Table 75 - Storage Options - SOBR - TEST

1.7.2.3 Backup - Replicated VM - Cloud Virtualdcs

Common Information

Name	Backup - Replicated VM - Cloud Virtualdcs
------	---

Veeam Backup & Replication As Built Report - v1.0

Type	VMware Backup
Total Backup Size	5 GB
Target Address	/backup_data/backups
Target File	Backup - Replicated VM - Cloud Virtualdcs
Description	Created by PHARMAX\administrator at 6/27/2022 4:56 PM.
Modified By	PHARMAX\administrator

Table 76 - Common Information - Backup - Replicated VM - Cloud Virtualdcs

Virtual Machines

Name	csr-mapserver
Resource Type	Virtual Machine
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionHQ-MGMT\csr-mapserver
Approx Size	1.5 GB
Disk Filter Mode	AllDisks

Table 77 - Virtual Machines - csr-mapserver

Name	csr-pharmax-dr
Resource Type	Virtual Machine
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionHQ-MGMT\csr-pharmax-dr
Approx Size	1.5 GB
Disk Filter Mode	AllDisks

Table 78 - Virtual Machines - csr-pharmax-dr

Name	csr-pharmax-hq
Resource Type	Virtual Machine
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionHQ-MGMT\csr-pharmax-hq
Approx Size	1.5 GB
Disk Filter Mode	AllDisks

Table 79 - Virtual Machines - csr-pharmax-hq

Storage

Backup Proxy	veeam-lnx-px.pharmax.local
Backup Repository	Linux - Hardened Repository
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily

Active Full Backup Days	Saturday
Transform Full To Syntethic	Yes
Transform Increments To Syntethic	No
Transform To Syntethic Days	Saturday

Table 80 - Storage Options - Backup - Replicated VM - Cloud Virtualdcs

1.7.2.4 Backup Copy Job 1

Common Information

Name	Backup Copy Job 1
Type	VMware Backup Copy
Total Backup Size	2 GB
Target Address	
Target File	Backup Copy Job 1
Description	Created by PHARMAX\administrator at 2/12/2022 9:10 PM.
Modified By	PHARMAX\administrator

Table 81 - Common Information - Backup Copy Job 1

Linked Backup Jobs

Name	Type	Size	Repository
COMP-CLUSTER-NFS	VMware Backup	24 GB	SOBR - Minio
PHARMAX-HQ-SVR	VMware Backup	31 GB	SOBR - Minio

Table 82 - Linked Backup Jobs - Backup Copy Job 1

Linked Repositories

Name	Type	Size
Linux - Hardened Repository	Standard	199 Gb
SOBR - Minio	ScaleOut	499 GB

Table 83 - Linked Repositories - Backup Copy Job 1

Data Transfer

Use Wan accelerator	No
Source Wan accelerator	VEEAM-VBR
Target Wan accelerator	VEEAM-VBR-02V.pharmax.local

Table 84 - Data Transfer - Backup Copy Job 1

Target

Backup Proxy	Unknown
Backup Repository	cloud-jcolonfzenpr-01
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No

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Integrity Checks	Yes
Storage Encryption	Yes
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Synthetic	Yes
Transform Increments To Synthetic	No
Transform To Synthetic Days	

Table 85 - Target Options - Backup Copy Job 1

1.7.2.5 VM Copy Job 1

Common Information

Name	VM Copy Job 1
Type	VM Copy
Total Backup Size	2 GB
Target Address	F:\VM
Target File	
Description	Created by PHARMAX\jocolon at 2/6/2022 3:28 PM.
Modified By	PHARMAX\administrator

Table 86 - Common Information - VM Copy Job 1

Virtual Machines

Name	csr-mapserver
Resource Type	Virtual Machine
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionHQ-MGMT\csr-mapserver
Approx Size	1.5 GB
Disk Filter Mode	AllDisks

Table 87 - Virtual Machines - csr-mapserver

Storage

Backup Proxy	Automatic
Backup Repository	F:\VM
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Synthetic	Yes

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Transform Increments To Synthetic	No
Transform To Synthetic Days	Saturday

Table 88 - Storage Options - VM Copy Job 1

Guest Processing

Name	csr-mapserver
Enabled	Yes
Resource Type	Virtual Machine
Ignore Errors	Yes
Guest Proxy Auto Detect	Yes
Default Credential	administrator@pharmax.local
Object Credential	Default Credential
Application Processing	Yes
Transaction Logs	Process Transaction Logs
Use Persistent Guest Agent	Yes

Table 89 - Guest Processing Options - csr-mapserver

Schedule

Retry Failed item	3
Wait before each retry	10/min
Backup Window	No
Shedule type	Monthly
Shedule Options	Day Of Month: 1, Day Number In Month: Fourth, Day Of Week: Saturday
Start Time	10:00 PM
Latest Run	05/05/2022 20:32:00

Table 90 - Schedule Options - VM Copy Job 1

1.7.2.6 COMP-CLUSTER-NFS

Common Information

Name	COMP-CLUSTER-NFS
Type	VMware Backup
Total Backup Size	24 GB
Target Address	
Target File	COMP-CLUSTER-NFS
Description	Created by PHARMAX\administrator at 6/2/2021 8:15 PM.
Modified By	PHARMAX\administrator

Table 91 - Common Information - COMP-CLUSTER-NFS

Virtual Machines

Name	RocaWeb
Resource Type	Virtual Machine
Role	Include

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Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionA01-COMP\PHARMAX-HQ-SVR\RocaWeb
Approx Size	23.6 GB
Disk Filter Mode	AllDisks

Table 92 - Virtual Machines - RocaWeb

Storage

Backup Proxy	Automatic
Backup Repository	SOBR - Minio
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Syntethic	Yes
Transform Increments To Syntethic	No
Transform To Syntethic Days	Saturday

Table 93 - Storage Options - COMP-CLUSTER-NFS

Secondary Target

Job Name	Type	State	Description
Backup Copy Job 1	VMware Backup Copy	Failed	Created by PHARMAX\administrator at 2/12/2022 9:10 PM.

Table 94 - Secondary Destination Jobs - COMP-CLUSTER-NFS

1.7.2.7 HPE-StoreOnce-Copy-Job

Common Information

Name	HPE-StoreOnce-Copy-Job
Type	VMware Backup Copy
Total Backup Size	8 GB
Target Address	storeonce://veeam-hsv.pharmax.local:VEEAM-VLT-HPE@/
Target File	HPE-StoreOnce-Copy-Job
Description	Created by PHARMAX\administrator at 6/30/2021 5:58 PM.
Modified By	PHARMAX\administrator

Table 95 - Common Information - HPE-StoreOnce-Copy-Job

Target

Backup Proxy	Unknown
Backup Repository	VEEAM-HPE-StoreOnce-VSA

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Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Syntethic	No
Transform Increments To Syntethic	No
Transform To Syntethic Days	

Table 96 - Target Options - HPE-StoreOnce-Copy-Job

1.7.2.8 VM - Test - AWS

Common Information

Name	VM - Test - AWS
Type	VMware Backup
Total Backup Size	26 MB
Target Address	
Target File	VM - Test - AWS
Description	Created by PHARMAX\jocolon at 12/20/2021 12:56 PM.
Modified By	PHARMAX\jocolon

Table 97 - Common Information - VM - Test - AWS

Virtual Machines

Name	VEEAM-VM-TINY
Resource Type	Virtual Machine
Role	Include
Location	vcenter-01v.pharmax.local\PHARMAX-VSI-DC\RegionHQ-MGMT\VEEAM-VM-TINY
Approx Size	26 MB
Disk Filter Mode	AllDisks

Table 98 - Virtual Machines - VEEAM-VM-TINY

Storage

Backup Proxy	Automatic
Backup Repository	SOBR - AWS S3
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No

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Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Synthetic	Yes
Transform Increments To Synthetic	No
Transform To Synthetic Days	Saturday

Table 99 - Storage Options - VM - Test - AWS

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE Standard	Backup to Tape	Success	Created by PHARMAX\administrator at 2/25/2022 7:14 PM.

Table 100 - Secondary Destination Jobs - VM - Test - AWS

1.7.3 Hyper-V Backup Jobs Configuration

The following section details the configuration of the Hyper-V type backup jobs.

Name	Creation Time	VM Count
HyperV-Backup-Job	06/30/2021 22:06:10	2
HYPERV-VEEAM-Win2016	12/15/2019 22:03:08	0
WIN HyperV VM Backup	12/26/2021 20:38:56	1

Table 101 - Hyper-V Backup Summary - VEEAM-VBR

1.7.3.1 HyperV-Backup-Job

Common Information

Name	HyperV-Backup-Job
Type	Hyper-V Backup
Total Backup Size	20 GB
Target Address	storeonce://veeam-hsv.pharmax.local:VEEAM-VLT-HPE@/
Target File	HyperV-Backup-Job
Description	Created by PHARMAX\administrator at 6/30/2021 10:02 PM.
Modified By	PHARMAX\administrator

Table 102 - Common Information - HyperV-Backup-Job

Virtual Machines

Name	pharmax-cluster.pharmax.local
Resource Type	Directory
Role	Include
Location	pharmax-cluster.pharmax.local
Approx Size	19.6 GB
Disk Filter Mode	AllDisks

Table 103 - Virtual Machines - pharmax-cluster.pharmax.local

Storage

Backup Proxy	VEEAM-HVPRX-01V.pharmax.local
Backup Repository	VEEAM-HPE-StoreOnce-VSA
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	No
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Syntethic	Yes
Transform Increments To Syntethic	No
Transform To Syntethic Days	Saturday

Table 104 - Storage Options - HyperV-Backup-Job

Secondary Target

Job Name	Type	State	Description
Hyper-V-Backup-Copy	Hyper-V Backup Copy	None	Created by PHARMAX\administrator at 2/20/2022 10:38 AM.

Table 105 - Secondary Destination Jobs - HyperV-Backup-Job

1.7.3.2 WIN HyperV VM Backup

Common Information

Name	WIN HyperV VM Backup
Type	Hyper-V Backup
Total Backup Size	4 MB
Target Address	
Target File	WIN HyperV VM Backup
Description	Created by PHARMAX\jocolon at 12/26/2021 8:36 PM.
Modified By	PHARMAX\administrator

Table 106 - Common Information - WIN HyperV VM Backup

Virtual Machines

Name	pharmax-cluster.pharmax.local
Resource Type	Directory
Role	Include
Location	pharmax-cluster.pharmax.local
Approx Size	4 MB

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Disk Filter Mode	AllDisks
------------------	----------

Table 107 - Virtual Machines - pharmax-cluster.pharmax.local

Name	Server-EX-01v
Resource Type	VM
Role	Exclude
Location	pharmax-cluster.pharmax.local\Server-EX-01v
Approx Size	0 B
Disk Filter Mode	SelectedDisks

Table 108 - Virtual Machines - Server-EX-01v

Storage

Backup Proxy	VEEAM-HVPRX-01V.pharmax.local
Backup Repository	SOBR - Minio
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No
Enable Full Backup	Yes
Integrity Checks	Yes
Storage Encryption	Yes
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Synthetic	Yes
Transform Increments To Synthetic	No
Transform To Synthetic Days	Saturday

Table 109 - Storage Options - WIN HyperV VM Backup

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE	Backup to Tape	Failed	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 110 - Secondary Destination Jobs - WIN HyperV VM Backup

Guest Processing

Name	pharmax-cluster.pharmax.local
Enabled	Yes
Resource Type	
Ignore Errors	No
Guest Proxy Auto Detect	Yes
Default Credential	admin
Object Credential	Default Credential
Application Processing	Yes
Transaction Logs	Process Transaction Logs
Use Persistent Guest Agent	No

Table 111 - Guest Processing Options - pharmax-cluster.pharmax.local

Name	Server-EX-01v
Enabled	Yes
Resource Type	
Ignore Errors	Yes
Guest Proxy Auto Detect	Yes
Default Credential	admin
Object Credential	Default Credential
Application Processing	Yes
Transaction Logs	Process Transaction Logs
Use Persistent Guest Agent	Yes

Table 112 - Guest Processing Options - Server-EX-01v

1.7.3.3 Hyper-V-Backup-Copy

Common Information

Name	Hyper-V-Backup-Copy
Type	Hyper-V Backup Copy
Total Backup Size	0 KB
Target Address	
Target File	Hyper-V-Backup-Copy
Description	Created by PHARMAX\administrator at 2/20/2022 10:38 AM.
Modified By	PHARMAX\administrator

Table 113 - Common Information - Hyper-V-Backup-Copy

Linked Backup Jobs

Name	Type	Size	Repository
HyperV-Backup-Job	Hyper-V Backup	20 GB	VEEAM-HPE-StoreOnce-VSA

Table 114 - Linked Backup Jobs - Hyper-V-Backup-Copy

Data Transfer

Use Wan accelerator	Yes
Source Wan accelerator	VEEAM-VBR
Target Wan accelerator	VEEAM-VBR-02V.pharmax.local

Table 115 - Data Transfer - Hyper-V-Backup-Copy

Target

Backup Proxy	Unknown
Backup Repository	SOBR - Minio
Retention Type	Days
Retain Days To Keep	7
Keep First Full Backup	No

Enable Full Backup	No
Integrity Checks	Yes
Storage Encryption	Yes
Backup Mode	Incremental
Active Full Backup Schedule Kind	Daily
Active Full Backup Days	Saturday
Transform Full To Synthetic	No
Transform Increments To Synthetic	No
Transform To Synthetic Days	

Table 116 - Target Options - Hyper-V-Backup-Copy

1.7.4 Tape Backup Jobs

The following section list tape backup jobs created in Veeam Backup & Replication.

Name	Type	Latest Status	Target Repository
PHARMAX-HQ-SVR-TAPE Standard	Backup To Tape	Success	Standard Media Pool [WORM Media Pool 1]
PHARMAX-HQ-SVR-TAPE	Backup To Tape	Success	WORM GFS Media Pool 1
File to Tape Job - Server Share	File To Tape	Warning	Standard Media Pool [WORM Media Pool 1]
File to Tape Job - Data Share	File To Tape	Warning	Standard Media Pool [Oracle - Media Pool]

Table 117 - Backup Jobs - VEEAM-VBR

1.7.5 Backup To Tape Job Configuration

The following section details the configuration about the backup to tape jobs .

1.7.5.1 PHARMAX-HQ-SVR-TAPE Standard

Backups Information

Name	PHARMAX-HQ-SVR-TAPE Standard
Type	BackupToTape
Total Backup Size	13 GB
Next Run	
Description	Created by PHARMAX\administrator at 2/25/2022 7:14 PM.

Table 118 - Common Information - PHARMAX-HQ-SVR-TAPE Standard

Backups Objects

Name	Type	Size	Repository
Agent Backup Job 3	Backup Job	0 KB	SOBR - Minio
Agent Backup Policy 2	Backup Job	0 KB	SOBR - Minio
Linux - Hardened Repository	Repository	13 GB	Linux - Hardened Repository

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Name	Type	Size	Repository
Server With Netapp LUNS - Backup	Backup Job	0 KB	SOBR - Minio
VM - Test - AWS	Backup Job	26 MB	SOBR - AWS S3

Table 119 - Backups Objects - PHARMAX-HQ-SVR-TAPE Standard

Media Pool

Name	Standard Media Pool
Pool Type	Custom
Tape Count	3
Free Space	35 TB
Encryption Enabled	No
Encryption Key	Disabled
Parallel Processing	2 drives; Multiple Backup Chains: Yes
Is WORM	No
Retention	Protect data for 1 Months
Export to Vault	Yes
Vault	DR - Tape Vault
Media Set Name	Media set # %id% %date%
Automatically create new media set	Do not create, always continue using current media set
Full Backup Schedule	Weekly on selected days: Monday, Tuesday, Wednesday, Thursday, Friday

Table 120 - Media Pool - PHARMAX-HQ-SVR-TAPE Standard

Incremental Backup

Media Pool	WORM Media Pool 1
Pool Type	Custom
Tape Count	5
Free Space	59 TB
Encryption Enabled	Yes
Encryption Key	Password Global
Parallel Processing	2 drives; Multiple Backup Chains: Yes
Is WORM	Yes
Retention	Never Overwrite Data
Export to Vault	Yes
Vault	DR - Tape Vault
Media Set Name	WORM media set # %id% %date%
Automatically create new media set	Do not create, always continue using current media set

Table 121 - Incremental Backup - PHARMAX-HQ-SVR-TAPE Standard

Options

Eject Tape Media Upon Job Completion	Yes
Export the following MediaSet Upon Job Completion	Yes
Limit the number of drives this job can use	Enabled: Yes; Tape Drives Limit: 2

Table 122 - Options - PHARMAX-HQ-SVR-TAPE Standard

Schedule

Prevent this job from being interrupted by source backup job	Yes
Run Automatically	After Job: PHARMAX-HQ-SVR
Wait for Backup Job	03:00:00 hours

Table 123 - Schedule - PHARMAX-HQ-SVR-TAPE Standard

1.7.5.2 PHARMAX-HQ-SVR-TAPE

Backups Information

Name	PHARMAX-HQ-SVR-TAPE
Type	BackupToTape
Total Backup Size	133 GB
Next Run	Disabled
Description	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 124 - Common Information - PHARMAX-HQ-SVR-TAPE

Backups Objects

Name	Type	Size	Repository
Gurabo PC - Backup Job	Backup Job	0 KB	SOBR - Minio
Linux Agent Backup Job	Backup Job	0 KB	Linux - Hardened Repository
PHARMAX-HQ-SVR	Backup Job	31 GB	SOBR - Minio
Server With Netapp LUNS - Backup	Backup Job	0 KB	SOBR - Minio
SOBR - Minio	Repository	103 GB	SOBR - Minio
WIN HyperV VM Backup	Backup Job	4 MB	SOBR - Minio

Table 125 - Backups Objects - PHARMAX-HQ-SVR-TAPE

Media Pool

Name	WORM GFS Media Pool 1
Pool Type	Gfs
Tape Count	5
Free Space	59 TB
Encryption Enabled	Yes
Encryption Key	Password Global
Parallel Processing	2 drives; Multiple Backup Chains: Yes
Is WORM	Yes
Daily	14 days; Use any available media; append; do not export
Weekly	4 days; Use any available media; do not append; do not export
Monthly	12 days; Use any available media; do not append; do not export

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Quarterly	4 days; Use any available media; do not append; do not export
Yearly	1 days; Use any available media; do not append; do not export

Table 126 - Media Pool - PHARMAX-HQ-SVR-TAPE

Options

Eject Tape Media Upon Job Completion	Yes
Export the following MediaSet Upon Job Completion	Yes
Limit the number of drives this job can use	Enabled: Yes; Tape Drives Limit: 3

Table 127 - Options - PHARMAX-HQ-SVR-TAPE

Schedule

Prevent this job from being interrupted by source backup job	No
Perform GFS scan daily at	0:00:00
Daily backup	Everyday
Weekly backup	Wednesday 00:00:00
Monthly backup	Fourth Wednesday of the month
Quarterly backup	1 day of the Last month of the quarter
Yearly backup	1 day of May

Table 128 - Schedule - PHARMAX-HQ-SVR-TAPE

1.7.6 File To Tape Job Configuration

The following section details the configuration about file to tape jobs.

1.7.6.1 File to Tape Job - Server Share

Backups Information

Name	File to Tape Job - Server Share
Type	FileToTape
Next Run	08/27/2022 18:00:00
Description	Created by PHARMAX\administrator at 2/26/2022 6:01 PM.

Table 129 - Common Information - File to Tape Job - Server Share

Files and Folders

Name	Type	Selection Type	Path	Include Filter	Exclude Filter
\\server-dc-01v\UEMConfig	CifsShare	Directory	\\server-dc-01v\UEMConfig	*.*	-
server-dc-01v	Windows	Host	server-dc-01v	*.*	-

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Name	Type	Selection Type	Path	Include Filter	Exclude Filter
veeam-lnx-px.pharmax.local	Linux	Directory	/home	*.*	-

Table 130 - Files and Folders - File to Tape Job - Server Share

Full Backup

Name	Standard Media Pool
Pool Type	Custom
Tape Count	3
Capacity	35 TB
Remaining	35 TB
Is WORM	No
Schedule Enabled	Yes
Daily at this Time	18:00:00 - Saturday

Table 131 - Full Backup - File to Tape Job - Server Share

Incremental Backup

Name	WORM Media Pool 1
Pool Type	Custom
Tape Count	5
Capacity	59 TB
Remaining	59 TB
Is WORM	Yes
Schedule Enabled	Yes
Monthly at this Time	At 00:00:00, Monthly on the: First Wednesday of January, February, March, April, May, June, July, August, September, October

Table 132 - Incremental Backup - File to Tape Job - Server Share

Options

Use Microsoft volume shadow copy (VSS)	Yes
Eject Tape Media Upon Job Completion	Yes
Export the following MediaSet Upon Job Completion	Yes

Table 133 - Options - File to Tape Job - Server Share

1.7.6.2 File to Tape Job - Data Share

Backups Information

Name	File to Tape Job - Data Share
Type	FileToTape
Next Run	08/22/2022 18:00:00
Description	Created by PHARMAX\jocolon at 1/8/2022 1:02 PM.

Table 134 - Common Information - File to Tape Job - Data Share

Files and Folders

Name	Type	Selection Type	Path	Include Filter	Exclude Filter
192.168.5.18:/oracle	NfsShare	Directory	nfs3://192.168.5.18:/oracle	*.*	*.odt
ONTAP-HQ-SAN-IC.pharmax.local	NDMP	Directory	/NAS-VEEAM/DATA	-	-

Table 135 - Files and Folders - File to Tape Job - Data Share

Full Backup

Name	Standard Media Pool
Pool Type	Custom
Tape Count	3
Capacity	35 TB
Remaining	35 TB
Is WORM	No
Schedule Enabled	Yes
Daily at this Time	18:00:00 - Monday, Tuesday, Wednesday, Thursday, Friday

Table 136 - Full Backup - File to Tape Job - Data Share

Incremental Backup

Name	Oracle - Media Pool
Pool Type	Custom
Tape Count	10
Capacity	120 TB
Remaining	120 TB
Is WORM	No
Schedule Enabled	Yes
Monthly at this Time	At 00:00:00, Monthly on the: Fourth Saturday of Every Month

Table 137 - Incremental Backup - File to Tape Job - Data Share

Options

Use Microsoft volume shadow copy (VSS)	Yes
Eject Tape Media Upon Job Completion	Yes
Export the following MediaSet Upon Job Completion	Yes

Table 138 - Options - File to Tape Job - Data Share

1.7.7 SureBackup Jobs

The following section list surebackup jobs created in Veeam Backup & Replication.

Name	Platform	Status	Latest Result	Virtual Lab
Pharmax-Lab Test Oracle Upgrade	VMware	Enabled	None	PHARMAX-VLAB
SQL Server - Update Testing	Hyper-V	Enabled	None	PHARMAX-HV-VLAB
SureBackup Job 3	VMware	Enabled	None	PHARMAX-VLAB

Table 139 - SureBackup Jobs - VEEAM-VBR

1.7.8 SureBackup Job Configuration

The following section provide detailed jobs configuration about Surebackup.

1.7.8.1 Pharmax-Lab Test Oracle Upgrade

Common Information

Name	Pharmax-Lab Test Oracle Upgrade
Last Run	02/27/2022 19:05:08
Next Run	09/04/2022 22:00:00
Description	Created by PHARMAX\jocolon at 12/25/2021 6:07 PM.

Table 140 - Common Information - Pharmax-Lab Test Oracle Upgrade

Virtual Lab

Name	PHARMAX-VLAB
Description	Created by PHARMAX\jocolon at 12/25/2021 6:02 PM.
Physical Host	esxsvr-00f.pharmax.local
Physical Host Version	VMware ESXi 7.0.3 build-20036589
Cache Datastore	SSD-VM-HIGH-CAPACITY-PERF-KN

Table 141 - Virtual Lab - Pharmax-Lab Test Oracle Upgrade

Application Group

Name	PHARMAX-AG
Description	Created by PHARMAX\administrator at 6/30/2021 6:35 PM.
Platform	VMWare
Virtual Machines	smallserver-01v, LINUX-VM
Keep Application Group Running	Yes

Table 142 - Application Group - Pharmax-Lab Test Oracle Upgrade

Linked Jobs

Name	Roles	Description
COMP-CLUSTER-NFS	DNSServer	Created by PHARMAX\administrator at 6/2/2021 8:15 PM.

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Name	Roles	Description
PHARMAX-HQ-SVR	WebServer	Created by PHARMAX\administrator at 6/29/2021 12:12 PM.

Table 143 - Linked Jobs - Pharms-Lab Test Oracle Upgrade

Settings

Backup file integrity scan	Yes
Skip validation for application group VM	Yes
Malware Scan	Yes
Scan the entire image	Yes
Skip application group machine from malware scan	Yes
Send SNMP trap	No
Send Email notification	Yes
Email recipients	admin@veem.com, admin@netapp.com

Table 144 - Settings - Pharms-Lab Test Oracle Upgrade

Schedule

Wait for backup jobs	180 minutes
Run Automatically	Monthly at this time: 22:00:00, This Day: 4, Months: January February March April May June July August September October

Table 145 - Schedule - Pharms-Lab Test Oracle Upgrade

1.7.8.2 SureBackup Job 3

Common Information

Name	SureBackup Job 3
Last Run	02/27/2022 19:18:43
Next Run	01/01/0001 00:00:00
Description	Created by PHARMAX\jocolon at 2/6/2022 3:30 PM.

Table 146 - Common Information - SureBackup Job 3

Virtual Lab

Name	PHARMAX-VLAB
Description	Created by PHARMAX\jocolon at 12/25/2021 6:02 PM.
Physical Host	esxsvr-00f.pharmax.local
Physical Host Version	VMware ESXi 7.0.3 build-20036589
Cache Datastore	SSD-VM-HIGH-CAPACITY-PERF-KN

Table 147 - Virtual Lab - SureBackup Job 3

Application Group

Name	PHARMAX-AG
Description	Created by PHARMAX\administrator at 6/30/2021 6:35 PM.

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Platform	VMWare
Virtual Machines	smallserver-01v, LINUX-VM
Keep Application Group Running	No

Table 148 - Application Group - SureBackup Job 3

Linked Jobs

Name	Roles	Description
COMP-CLUSTER-NFS		Created by PHARMAX\administrator at 6/2/2021 8:15 PM.

Table 149 - Linked Jobs - SureBackup Job 3

Settings

Backup file integrity scan	No
Skip validation for application group VM	Yes
Malware Scan	No
Scan the entire image	No
Skip application group machine from malware scan	Yes
Send SNMP trap	No
Send Email notification	Yes
Email recipients	

Table 150 - Settings - SureBackup Job 3

1.7.9 Agent Backup Jobs

The following section list agent backup jobs created in Veeam Backup & Replication.

Name	Type	OS Platform	Backup Object
Agent Backup Job 3	FailoverCluster	Windows	Server with Netapp LUNS
Agent Backup Policy 2	Server	Linux	Linux Protection Group
Gurabo PC - Backup Job	Workstation	Windows	Gurabo PC - Backup HQ - Manual Packet
Linux Agent Backup Job	Server	Linux	Linux Protection Group
Server With Netapp LUNS - Backup	Server	Windows	Server with Netapp LUNS server-dc-01v.pharmax.local

Table 151 - Agent Backup Jobs - VEEAM-VBR

1.7.10 Agent Backup Jobs Configuration

The following section details agent backup jobs configuration created in Veeam Backup & Replication.

1.7.10.1 Gurabo PC - Backup Job

Job Mode

Name	Gurabo PC - Backup Job
------	------------------------

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Id	cc087b1f-629d-4890-ab02-30c6cba80e11
Type	Workstation
Mode	Managed by Agent
Description	Created by PHARMAX\administrator at 4/28/2022 3:19 PM.
Priority	Normal Priority

Table 152 - Job Mode - Gurabo PC - Backup Job

Protected Computers

Name	Type	Enabled	Container
Gurabo PC - Backup	Custom	Yes	Active Directory
HQ - Manual Packet	Custom	Yes	Manually Deployed

Table 153 - Protected Computers - Gurabo PC - Backup Job

Backup Mode

Backup Mode	Entire Computer
Include external USB drives	No

Table 154 - Backup Mode - Gurabo PC - Backup Job

Destination

Destination Type	Veeam Backup Repository
Retention Policy	Restore Days
Retain Days To Keep	7
Configure Secondary Destination for this Job	Yes
Backup Server	VEEAM-VBR.pharmax.local
Backup Repository	SOBR - Minio

Table 155 - Destination - Gurabo PC - Backup Job

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE	Backup to Tape	Failed	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 156 - Secondary Destination Job - Gurabo PC - Backup Job

Backup Cache

Maximun Size	Type	Path
10 GB	Automatic	Auto Selected

Table 157 - Backup Cache - Gurabo PC - Backup Job

Schedule

Schedule type	Daily
Schedule Options	Recurrence: WeekDays, Days: Monday Tuesday Wednesday Thursday Fridayr At: 22:00:00

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If Computer is Power Off Action	Backup At Power On
Once Backup is Taken	Keep Running
Backup At LogOff	Yes
Backup At Lock	No
Backup At Target Connection	Yes
Eject Storage After Backup	Yes
Backup Timeout	2 Hour

Table 158 - Schedule Options - Gurabo PC - Backup Job

1.7.10.2 Agent Backup Policy 2

Job Mode

Name	Agent Backup Policy 2
Id	48c82831-c4c7-460c-ba64-8871e9b563f6
Type	Server
Mode	Managed by Agent
Description	Created by PHARMAX\administrator at 5/2/2022 10:04 PM.
Priority	Normal Priority

Table 159 - Job Mode - Agent Backup Policy 2

Protected Computers

Name	Type	Enabled	Container
Linux Protection Group	Custom	Yes	Individual Computers

Table 160 - Protected Computers - Agent Backup Policy 2

Backup Mode

Backup Mode	Entire Computer
Include external USB drives	No

Table 161 - Backup Mode - Agent Backup Policy 2

Destination

Destination Type	Veeam Backup Repository
Retention Policy	Restore Points
Retain Points	7
Configure Secondary Destination for this Job	Yes
Backup Server	VEEAM-VBR.pharmax.local
Backup Repository	SOBR - Minio

Table 162 - Destination - Agent Backup Policy 2

Secondary Target

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Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE Standard	Backup to Tape	Success	Created by PHARMAX\administrator at 2/25/2022 7:14 PM.

Table 163 - Secondary Destination Job - Agent Backup Policy 2

Guest Processing

Enabled Application Process Processing	Yes
Enabled Guest File System Indexing	Yes

Table 164 - Guest Processing Options - Agent Backup Policy 2

Schedule

Schedule type	
Schedule Options	
If Computer is Power Off Action Once Backup is Taken	
Backup At LogOff	-
Backup At Lock	-
Backup At Target Connection	-
Eject Storage After Backup	-
Backup Timeout	

Table 165 - Schedule Options - Agent Backup Policy 2

1.7.10.3 Server With Netapp LUNS - Backup

Job Mode

Name	Server With Netapp LUNS - Backup
Id	b4f0ac88-76ab-4c61-b142-0cff89ec91f2
Type	Server
Mode	Managed by Backup Server
Description	Created by PHARMAX\administrator at 3/1/2021 5:12 PM.
Priority	Normal Priority

Table 166 - Job Mode - Server With Netapp LUNS - Backup

Protected Computers

Name	Type	Enabled	Container
Server with Netapp LUNS	Custom	Yes	Active Directory
server-dc-01v.pharmax.local	Computer	-	Individual Computer

Table 167 - Protected Computers - Server With Netapp LUNS - Backup

Backup Mode

Backup Mode	Entire Computer
Include external USB drives	No

Table 168 - Backup Mode - Server With Netapp LUNS - Backup

Storage

Backup Repository	SOBR - Minio
Repository Type	ExtendableRepository
Retention Policy	Restore Points
Restore Points	8
Configure Secondary Destination for this Job	Yes
Keep certain full backup longer for archival purposes (GFS)	Yes
Keep Weekly full backup for	1 weeks, If multiple backup exist use the one from: Sunday
Keep Monthly full backup for	1 months, Use weekly full backup from the following week of the month: First
Keep Yearly full backup for	1 years, Use monthly full backup from the following month: January

Table 169 - Destination - Server With Netapp LUNS - Backup

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE Standard	Backup to Tape	Success	Created by PHARMAX\administrator at 2/25/2022 7:14 PM.
PHARMAX-HQ-SVR-TAPE	Backup to Tape	Failed	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 170 - Secondary Destination Job - Server With Netapp LUNS - Backup

Guest Processing

Enabled Application Process Processing	Yes
Enabled Guest File System Indexing	No

Table 171 - Guest Processing Options - Server With Netapp LUNS - Backup

Schedule

Retry Failed item	3
Wait before each retry	1/min
Backup Window	No
Schedule type	After Job
Schedule Options	COMP-CLUSTER-NFS

Table 172 - Schedule Options - Server With Netapp LUNS - Backup

1.7.10.4 Linux Agent Backup Job

Job Mode

Name	Linux Agent Backup Job
Id	190c96cd-7b9a-48f4-82af-3dbc4f00dbe3
Type	Server
Mode	Managed by Backup Server
Description	Created by PHARMAX\administrator at 4/29/2022 8:11 PM.
Priority	Normal Priority

Table 173 - Job Mode - Linux Agent Backup Job

Protected Computers

Name	Type	Enabled	Container
Linux Protection Group	Custom	Yes	Individual Computers

Table 174 - Protected Computers - Linux Agent Backup Job

Backup Mode

Backup Mode	Entire Computer
Include external USB drives	No

Table 175 - Backup Mode - Linux Agent Backup Job

Storage

Backup Repository	Linux - Hardened Repository
Repository Type	LinuxLocal
Retention Policy	Restore Days
Retain Days To Keep	7
Configure Secondary Destination for this Job	Yes
Keep certain full backup longer for archival purposes (GFS)	Yes
Keep Weekly full backup for	1 weeks, If multiple backup exist use the one from: Sunday
Keep Monthly full backup for	1 months, Use weekly full backup from the following week of the month: First
Keep Yearly full backup for	1 years, Use monthly full backup from the following month: January

Table 176 - Destination - Linux Agent Backup Job

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE	Backup to Tape	Failed	Created by PHARMAX\administrator at 6/29/2021 7:24 PM.

Table 177 - Secondary Destination Job - Linux Agent Backup Job

Schedule

Retry Failed item	3
Wait before each retry	10/min
Backup Window	Yes
Schedule type	Daily
Schedule Options	Recurrence: WeekDays, Days: Monday Tuesday Wednesday Thursday Friday At: 22:00:00

Table 178 - Schedule Options - Linux Agent Backup Job

1.7.10.5 Agent Backup Job 3

Job Mode

Name	Agent Backup Job 3
Id	68ab65f1-235a-42b4-a1ae-7582951e0a99
Type	FailoverCluster
Mode	Managed by Backup Server
Description	Created by PHARMAX\administrator at 5/2/2022 10:18 PM.
Priority	Normal Priority

Table 179 - Job Mode - Agent Backup Job 3

Protected Computers

Name	Type	Enabled	Container
Server with Netapp LUNS	Custom	Yes	Active Directory

Table 180 - Protected Computers - Agent Backup Job 3

Backup Mode

Backup Mode	Entire Computer
Include external USB drives	No

Table 181 - Backup Mode - Agent Backup Job 3

Storage

Backup Repository	SOBR - Minio
Repository Type	ExtendableRepository
Retention Policy	Restore Days
Retain Days To Keep	7
Configure Secondary Destination for this Job	Yes
Keep certain full backup longer for archival purposes (GFS)	Yes
Keep Weekly full backup for	1 weeks, If multiple backup exist use the one from: Sunday
Keep Monthly full backup for	1 months, Use weekly full backup from the following week of the month: First
Keep Yearly full backup for	1 years, Use monthly full backup from the following month: January

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Table 182 - Destination - Agent Backup Job 3

Secondary Target

Job Name	Type	State	Description
PHARMAX-HQ-SVR-TAPE Standard	Backup to Tape	Success	Created by PHARMAX\administrator at 2/25/2022 7:14 PM.

Table 183 - Secondary Destination Job - Agent Backup Job 3

Guest Processing

Enabled Application Process Processing	Yes
Enabled Guest File System Indexing	No

Table 184 - Guest Processing Options - Agent Backup Job 3

Schedule

Retry Failed item	3
Wait before each retry	10/min
Backup Window	Yes
Schedule type	After Job
Schedule Options	COMP-CLUSTER-NFS

Table 185 - Schedule Options - Agent Backup Job 3