

# Backup Infrastructure Assessment

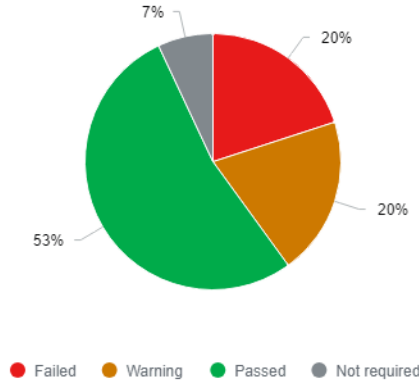
This report helps you to assess your backup configuration and identify potential configuration improvements. Supported platforms: VMware vSphere, Microsoft Hyper-V, Nutanix AHV, oVirt KVM, Red Hat Virtualization, Proxmox VE, VMware Cloud Director, Microsoft Windows, Linux, IBM AIX, Oracle Solaris, Mac, File shares, Object storage repositories, SAP HANA, Oracle RMAN, SAP on Oracle.



## Report Parameters

Infrastructure objects: Veeam Backup & Replication  
 1-click file restore sessions: False

## Verification Results



### Criteria Group: VM Configuration and Application-Aware VM processing

Name	Verification Results
Application-aware image processing for Windows Servers	Failed
VM VMware tools status	Failed
VMs verification	Warning
VMware tools quiescence for Linux/Unix VMs	Warning

### Criteria Group: Job Performance Optimization

Name	Verification Results
Backup job processing mode optimizations	Passed
Direct SAN access iSCSI performance tweaks	Not required
Meeting backup window	Passed
Parallel virtual disk processing	Passed
Proxy server on the remote site	Passed
Virtual stand-by proxy server	Warning

### Criteria Group: Backup Infrastructure Configuration

Name	Verification Results
Backup server protection	Passed
Proxy Server Configuration	Passed
Repository free space	Failed
SQL Server optimization	Passed
VMs failed over to network processing mode	Passed

### Application-Aware Image Processing for Windows Servers

#### ahvbackupsrv60.tech.local

##### Backup Job 4

Backup Server	Backup Job	Job Session	VM Name	Backup Status
ahvbackupsrv60.tech.local	Backup Job 4	10/10/2025 10:42 AM	ahvgpproxy	Success

#### ccsrv.tech.local

##### Replication Job 1

Backup Server	Backup Job	Job Session	VM Name	Backup Status
ccsrv.tech.local	Replication Job 1	12/11/2025 10:00 PM	srv03win	Failed

## vbrsrv1.tech.local

### Backup Job 2

Backup Server	Backup Job	Job Session	VM Name	Backup Status
vbrsrv1.tech.local	Backup Job 2	12/11/2025 10:00 PM	apache04	Success

## VMware Tools Quiescence for Linux and Unix VMs

### vbrsrv1.tech.local

#### Replication Job 1

Backup Server	Backup Job	Job Session	VM Name	VMware Tools Quiescence	Backup Status
vbrsrv1.tech.local	Replication Job 1	12/11/2025 10:00 PM	Sandbox02	Not Enabled	Warning

## VMware Tools Status

### vbrsrv1.tech.local

#### Backup Job 2

Backup Server	Backup Job	Job Session	VM Name	Tools Status	Backup Status
vbrsrv1.tech.local	Backup Job 2	12/11/2025 10:00 PM	apache04	Not Installed	Success

## Virtual Stand-by Proxy Server

### ahvbackupsrv60.tech.local

Backup Server	vCenter Server	Target for Proxy
ahvbackupsrv60.tech.local	vcenter01.tech.local	CDP cluster
ahvbackupsrv60.tech.local	vcenter01.tech.local	CDP cluster 2
ahvbackupsrv60.tech.local	vcenter01.tech.local	pdctwesx06.tech.local
ahvbackupsrv60.tech.local	vcenter01.tech.local	pdctwesx07.tech.local
ahvbackupsrv60.tech.local	vcenter01.tech.local	prgtwesx01.tech.local
ahvbackupsrv60.tech.local	vcenter01.tech.local	prgtwesx04.tech.local

### ccsrv.tech.local

Backup Server	vCenter Server	Target for Proxy
ccsrv.tech.local	vcenter01.tech.local	CDP cluster
ccsrv.tech.local	vcenter01.tech.local	CDP cluster 2
ccsrv.tech.local	vcenter01.tech.local	pdctwesx06.tech.local
ccsrv.tech.local	vcenter01.tech.local	pdctwesx07.tech.local
ccsrv.tech.local	vcenter01.tech.local	prgtwesx01.tech.local
ccsrv.tech.local	vcenter01.tech.local	prgtwesx04.tech.local

### vbrsrv1.tech.local

Backup Server	vCenter Server	Target for Proxy
vbrsrv1.tech.local	vcenter01.tech.local	CDP cluster
vbrsrv1.tech.local	vcenter01.tech.local	CDP cluster 2
vbrsrv1.tech.local	vcenter01.tech.local	pdctwesx06.tech.local
vbrsrv1.tech.local	vcenter01.tech.local	pdctwesx07.tech.local
vbrsrv1.tech.local	vcenter01.tech.local	prgtwesx01.tech.local
vbrsrv1.tech.local	vcenter01.tech.local	prgtwesx04.tech.local

## Proxy Server on The Remote Site

Backup Server	Replication Job	Source Proxy	Target Proxy	Processing Rate (MB/Sec)	Average Duration	Bottleneck
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## Direct SAN Access iSCSI Performance Tweaks

Backup Server	Proxy Server	Status
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## Backup Job Processing Mode Optimizations

Backup Server	Backup Job	Backup Mode	Bottleneck	Average Processing Rate (MB/Sec)	Repository
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## VMs Failed Over to Network Processing Mode

Backup Server	Backup Job	Job Session	VM Name	Backup Mode	Processing Rate (MB/Sec)	Processing Time	Backup Status
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## Repository Free Space

### ahvbackupsrv60.tech.local

Backup Server	Repository Name	Type	Capacity (GB)	Used Space (GB)	Free Space (GB)	Stored Workloads	Connection State	Parent Repository
ahvbackupsrv60.tech.local	Default Backup Repository	Microsoft Windows	129.45	124.88	4.57	4	Ok	—

### ccsrv.tech.local

Backup Server	Repository Name	Type	Capacity (GB)	Used Space (GB)	Free Space (GB)	Stored Workloads	Connection State	Parent Repository
ccsrv.tech.local	Default Backup Repository	Microsoft Windows	129.40	72.86	56.54	N/A	Ok	—

### vbrsrv1.tech.local

Backup Server	Repository Name	Type	Capacity (GB)	Used Space (GB)	Free Space (GB)	Stored Workloads	Connection State	Parent Repository
vbrsrv1.tech.local	Cloud repository 1	Cloud	10.00	0.00	10.00	N/A	Ok	—
vbrsrv1.tech.local	Default Backup Repository	Microsoft Windows	89.88	60.06	29.83	1	Ok	—

### winsrv31.tech.local

Backup Server	Repository Name	Type	Capacity (GB)	Used Space (GB)	Free Space (GB)	Stored Workloads	Connection State	Parent Repository
winsrv31.tech.local	Default Backup Repository	Microsoft Windows	89.88	84.32	5.56	1	Ok	—

## Proxy Server Configuration

### ahvbackupsrv60.tech.local

Backup Server	Backup Proxy Name	N. of Concurrent Tasks	N. of CPU Cores	Configuration Check
ahvbackupsrv60.tech.local	Backup Proxy	2	4	Success
ahvbackupsrv60.tech.local	VMware Backup Proxy	8	4	Success

### ccsrv.tech.local

Backup Server	Backup Proxy Name	N. of Concurrent Tasks	N. of CPU Cores	Configuration Check
ccsrv.tech.local	Backup Proxy	2	8	Success
ccsrv.tech.local	VMware Backup Proxy	8	8	Success

### vbrsrv1.tech.local

Backup Server	Backup Proxy Name	N. of Concurrent Tasks	N. of CPU Cores	Configuration Check
vbrsrv1.tech.local	Backup Proxy	2	8	Success
vbrsrv1.tech.local	VMware Backup Proxy	8	8	Success

### winsrv31.tech.local

Backup Server	Backup Proxy Name	N. of Concurrent Tasks	N. of CPU Cores	Configuration Check
winsrv31.tech.local	Backup Proxy	2	4	Success
winsrv31.tech.local	VMware Backup Proxy	8	4	Success

## Recommendations

Section	Recommendation
Application-aware image processing for Windows servers	Enable application-aware image processing to perform application-level quiescence to ensure that each application state is transactionally consistent.
Backup job processing mode optimizations	Your Veeam Backup & Replication installation meets all known best practices.
Backup server protection	Your Veeam Backup & Replication installation meets all known best practices.
Direct SAN access iSCSI performance tweaks	Your Veeam Backup & Replication installation meets all known best practices.
Meeting backup window	Your Veeam Backup & Replication installation meets all known best practices.
Parallel virtual disk processing	Your Veeam Backup & Replication installation meets all known best practices.
Proxy server configuration	Recommended number of concurrent tasks on a proxy server should not be less than the number of CPU cores on that server.
Proxy server on the remote site	Your Veeam Backup & Replication installation meets all known best practices.
Repository free space	ahvbackupsrv60.tech.local Default Backup Repository, winsrv31.tech.local Default Backup Repository is getting low on free space. Consider increasing its capacity or change retention policy settings for the jobs targeted to this repository.
SQL Server optimization	Your Veeam Backup & Replication installation meets all known best practices.
Virtual stand-by proxy server	Install virtual backup proxy server on CDP cluster, CDP cluster 2, pdctwex06.tech.local, pdctwex07.tech.local, prgtwex01.tech.local, prgtwex04.tech.local to avoid running full VM restores via ESXi network stack.