

# Immutable Workloads



This report lists workloads and their backups that do not have at least one immutable restore point or are not compliant with the desired immutability targets. This helps to make sure backups being safely protected against ransomware and other malicious and erroneous deletions. Supported platforms: VMware vSphere, Microsoft Hyper-V, Nutanix AHV, oVirt KVM, Red Hat Virtualization, Proxmox VE, VMware Cloud Director, AWS, Microsoft Azure, Google Cloud, Microsoft Windows, Linux, IBM AIX, Oracle Solaris, Mac, File shares, Object storage repositories, SAP HANA, Oracle RMAN, SAP on Oracle.

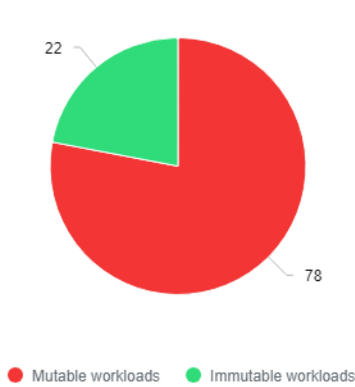
## Report Parameters

|                           |                            |
|---------------------------|----------------------------|
| Infrastructure objects:   | Veeam Backup & Replication |
| Protected workload types: | All items                  |
| Job types:                | All items                  |
| Jobs:                     | All items                  |
| Workload exclusion rule:  | —                          |

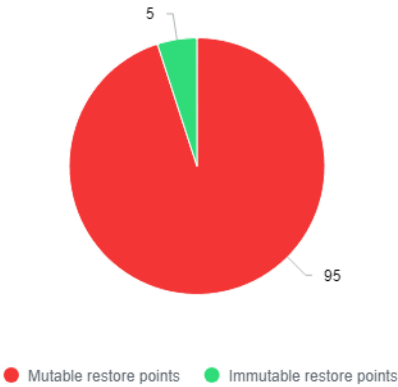
## Summary

|                                   |        |
|-----------------------------------|--------|
| Total workloads:                  | 23     |
| Immutable workloads:              | 5      |
| Mutable workloads:                | 18     |
| Workload immutability ratio:      | 21.74% |
| Total restore points:             | 171    |
| Immutable restore points:         | 9      |
| Mutable restore points:           | 162    |
| Restore point immutability ratio: | 5.26%  |

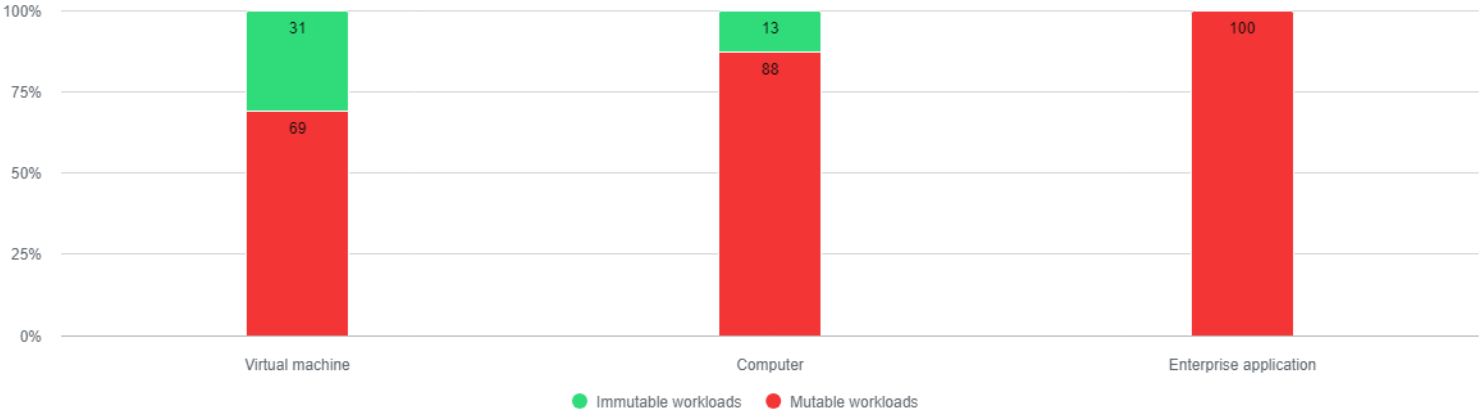
Workloads by Immutability



Restore Points by Immutability



Workloads Types by Immutability



Details

Immutable

| Backup Server        | Workload          | Platform       | Job Name         | Status    | Job Type              | Repository                | Available Restore Points | Immutable Restore Points | Oldest Immutable Restore Point | Oldest Immutable Restore Point Immutable Until | Latest Immutable Restore Point | Latest Immutable Restore Point Immutable Until |
|----------------------|-------------------|----------------|------------------|-----------|-----------------------|---------------------------|--------------------------|--------------------------|--------------------------------|------------------------------------------------|--------------------------------|------------------------------------------------|
| 172.24.30.100        | srv035.tech.local | Windows Server | Agent Backup Job | Immutable | Agent backup          | Default Backup Repository | 1                        | 1                        | 9/12/2025 4:05 PM              | 9/19/2025 4:51 PM                              | 9/12/2025 4:05 PM              | 9/19/2025 4:51 PM                              |
| onebackup.tech.local | enterprise01      | vSphere        | Backup Job       | Immutable | VM backup             | Default Backup Repository | 5                        | 5                        | 9/11/2025 8:36 PM              | 9/19/2025 10:34 PM                             | 9/15/2025 7:02 PM              | 9/22/2025 7:47 PM                              |
| 172.24.30.100        | vm-ts-004-DQua    | vSphere        | Backup Job CD    | Immutable | Cloud Director backup | Default Backup Repository | 1                        | 1                        | 9/12/2025 3:43 PM              | 9/19/2025 4:17 PM                              | 9/12/2025 3:43 PM              | 9/19/2025 4:17 PM                              |
| 172.24.30.100        | ubuntu-v          | Hyper-V        | Backup Job HV    | Immutable | VM backup             | Default Backup Repository | 1                        | 1                        | 9/12/2025 3:22 PM              | 9/19/2025 3:55 PM                              | 9/12/2025 3:22 PM              | 9/19/2025 3:55 PM                              |
| 172.24.30.100        | qa17              | Hyper-V        | Backup Job HV    | Immutable | VM backup             | Default Backup Repository | 1                        | 1                        | 9/12/2025 3:22 PM              | 9/19/2025 3:56 PM                              | 9/12/2025 3:22 PM              | 9/19/2025 3:56 PM                              |

Mutable

| Backup Server              | Workload               | Platform | Job Name                            | Status  | Job Type                  | Repository                | Available Restore Points | Immutable Restore Points | Oldest Immutable Restore Point | Oldest Immutable Restore Point Immutable Until | Latest Immutable Restore Point | Latest Immutable Restore Point Immutable Until |
|----------------------------|------------------------|----------|-------------------------------------|---------|---------------------------|---------------------------|--------------------------|--------------------------|--------------------------------|------------------------------------------------|--------------------------------|------------------------------------------------|
| backupserver001.tech.local | linuxsrv007.tech.local | SAP HANA | Application Backup Job for SAP HANA | Mutable | Application backup policy | Default Backup Repository | 60                       | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | as2016-DC              | vSphere  | Active Directory backup 1           | Mutable | VM backup                 | Backup Repository 1       | 2                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | winorcl02              | vSphere  | Oracle backup (Windows)             | Mutable | VM backup                 | Backup Repository 2       | 3                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | disql02                | vSphere  | Microsoft SQL Server backup         | Mutable | VM backup                 | Backup Repository 1       | 4                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | linorcl01              | vSphere  | Oracle backup (Linux)               | Mutable | VM backup                 | Default Backup Repository | 3                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv17.tech.local           | filesrv04              | vSphere  | Fileserver Backup to Cloud          | Mutable | VM backup                 | ABC Company Cloud Vol 01  | 2                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv17.tech.local           | filesrv04              | vSphere  | Fileserver Backup                   | Mutable | VM backup                 | Default Backup Repository | 2                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | exchange01             | vSphere  | Exchange backup                     | Mutable | VM backup                 | Backup Repository 2       | 4                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv17.tech.local           | filesrv04              | vSphere  | Offsite Server Backup               | Mutable | VM backup                 | Cloud Vol 01              | 2                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | as2022-DC              | vSphere  | Active Directory backup 2           | Mutable | VM backup                 | Default Backup Repository | 6                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | winspoint1             | vSphere  | SharePoint backup                   | Mutable | VM backup                 | Backup Repository 1       | 5                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | rhel01                 | vSphere  | PostgreSQL backup                   | Mutable | VM backup                 | Backup Repository 2       | 6                        | 0                        | —                              | —                                              | —                              | —                                              |
| srv98.tech.local           | winorcl                | Windows  | Oracle                              | Mutable | Agent                     | Backup                    | 6                        | 0                        | —                              | —                                              | —                              | —                                              |