

Hitachi Data Instance Director Long-Term Retention Support Matrix

Introduction: Agent-Based

Hitachi Data Instance Director (HDID) can provide consistent protection with the use of a host agent.



- Agent-based protection performs the application interaction required to provide operating-system-aware consistency where supported.





Supported Hitachi Content Platform (HCP) Versions

- HCP v7.3.2 onwards













Agent-Based Protection

Agent-based protection provides application-consistent protection support with the following operating systems and configurations.

Operating System ⁽¹⁾		Supported Protection Types
		Host Based
		Repository
Microsoft Windows (Server)	Windows Server 2008 (32-bit) Windows Server 2008 (64-bit) Windows Server 2008 R2 (64-bit) Windows Server 2012 (64-bit) Windows Server 2012 R2 (64-bit) Windows 10 Windows Server 2016 (64-bit) ⁽²⁾ Windows Server 2019 ⁽²⁾	 (NTFS,ReFS)
Microsoft Windows (Desktop)	Windows 7 SP1 Windows 8 or 8.1 Windows 10	 (NTFS)

Linux⁽³⁾	RHEL 6 x64 (6.7 and newer) RHEL 7 x64 (7.0 and newer) OEL 6 x64 (6.3 and newer) OEL 7 x64 (7.0 and newer) SUSE 11 x64 (11.3 and newer) SUSE 12 x64 (12.0 and newer)	 (EXT3, EXT4, LVM, NFS, ASM)
IBM® AIX®	AIX v7.x (7.1 TL4 and newer)	 (JFS2, NFS, ASM)
Oracle Solaris (Intel)	Solaris 11 (11.0 and newer)	 (JFS2, NFS, ASM)
Oracle Solaris (SPARC)	Solaris 11 (11.0 and newer)	 (JFS2, NFS, ASM)

NTFS = New Technology File System, ReFS = resilient file system, EXT3 = third extended file system, EXT4 = fourth extended file system, LVM = logical volume manager, NFS = network file system, ZFS = zettabyte file system or z file system, HNAS = Hitachi NAS Platform

Operating Systems ⁽¹⁾	Host-Based Backup	
	Backup	Real-Time and Continuous Data Protection
Microsoft Windows (Server)		
Microsoft Windows (Desktop)		
Linux⁽³⁾		
IBM® AIX®		
Oracle Solaris (Intel)⁽⁴⁾		
Oracle Solaris (SPARC)⁽⁴⁾		

(1) Note: Support only where standard vendor support is available.

(2) Supported only with features compatible with Windows 2012.

(3) It is recommended that Linux source nodes have a logical volume manager (LVM) on each volume group that is to be backed up. A minimum of 10GB of free space is required in the "unused" portion of the LVM, which is in addition to the required space for the allocated storage area. For example, if 100GB of usable storage is required, then the total disk size will be 110GB (100GB of usable storage and 10GB of unused storage).

(4) ACLs or Extended Attributes are not protected, if they are present on data that is backed up, then they will not be restored.

Revision: August 2019

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09 May 2018