DATA PROTECTION

Lina Compatibility Guide

Version 7.0.2

April 15, 2024

POWERFUL DATA PROTECTION AND DATA MANAGEMENT SOLUTIONS

Contents

New In Lina 7.0

We now support S3 storage for the backup block repository.

End Of Life

The following agent version(s) are no longer supported:

- macOS Catalina.
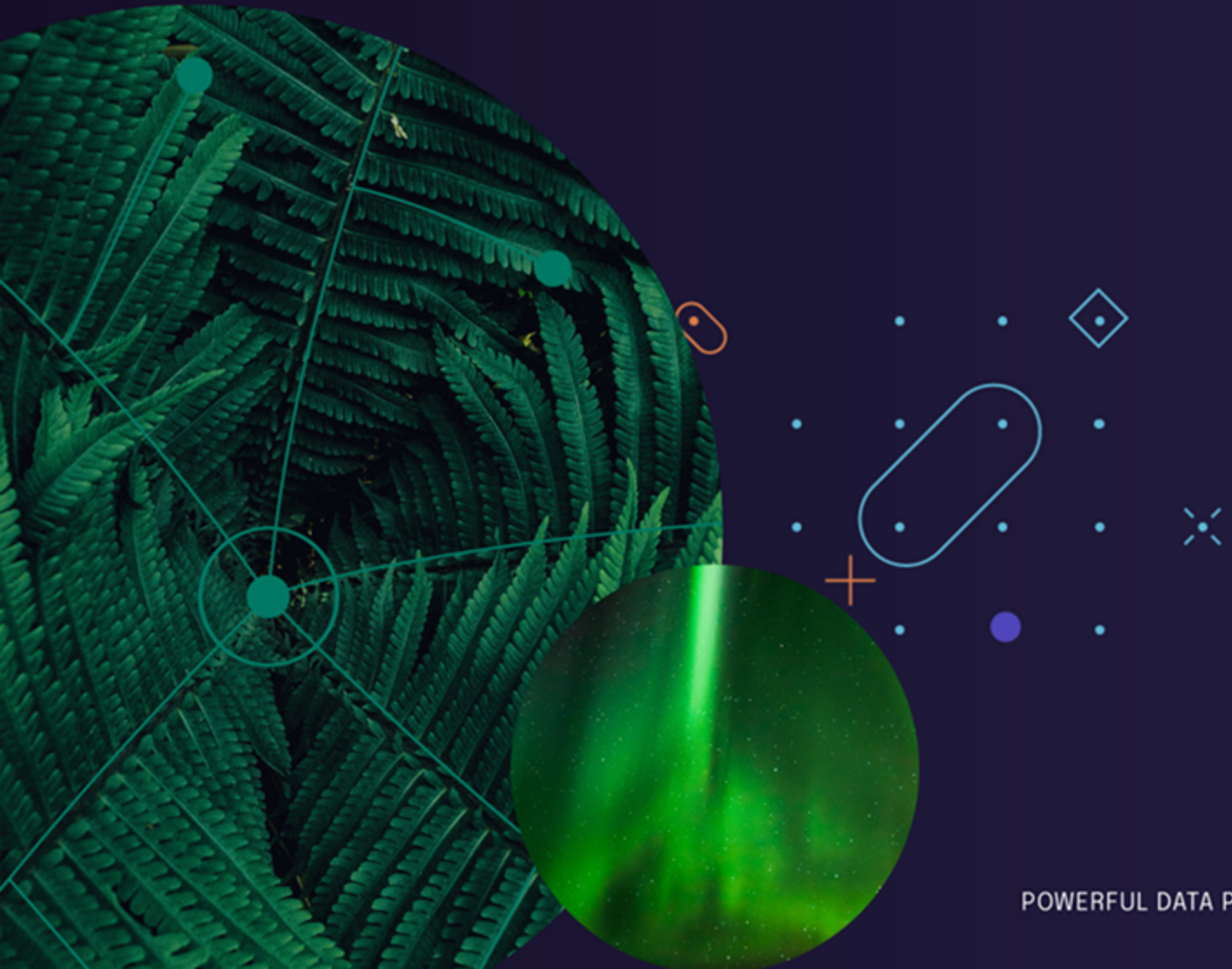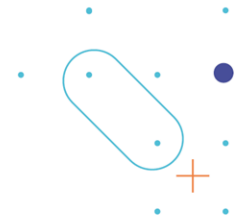
Operating Systems Compatible With The Lina Server

Linux

Operating System	Operating System Version	Platform
Linux	Linux kernel 3.10 and above with glibc 2.17 and above	x64 / ARM
	• Red Hat 7 and above	x64 / ARM
	• Fedora 22 and above	x64 / ARM
	• Ubuntu 16.04 and above	x64 / ARM
	• Debian 8.0 and above	x64 / ARM
	• CentOS 7	x64 / ARM
	• CentOS 8	x64 / ARM
	• Alma Linux 8 and 9	x64
	• Rocky Linux 8 and 9	x64

Windows

Operating System	Operating System Version	Platform
Windows	Windows Server 2016	x64
	Windows Server 2019	x64
	Windows Server 2022	x64

Supported S3 Storage

The S3 storage and the Lina server must be installed on the same LAN network for an on-premise S3 storage or the same region for an S3 public cloud storage. Hybrid architectures where the server is on-premise and storage is in a cloud, or inversely, are not supported.

Only basic S3 protocol can be used, no options (such as versioning or object lock) are supported. The following S3 storage can be used to store the backup block repository (one bucket per server):

- MinIO.
- Scality Artesca.
- Quantum ActiveScale.
- AWS.
- Wasabi.
- OVH.

Server Versus Agent Compatibility

Lina Server Version	Supported Agent Versions
7.0	- 7.0 - 6.1 - 6.0 - 5.3 (in standalone mode only)

Lina Server Version	Supported Agent Versions
6.1	• 6.1 • 6.0 • 5.3 (in standalone mode only)
6.0	• 6.0 • 5.x (in standalone mode only)
5.3	• 5.x • 4.0.4

Backed Up Agent Data

Microsoft SQL Server on a Windows server can be backed up and restored with Lina in BMR mode only.

USB sticks connected to an agent are not supported.

Cloud synced data: Data accessible on your disk but synchronized on cloud storage (for instance: OneDrive/Dropbox, etc.) is not supported.

Operating Systems Compatible With The Lina Agent

Linux

Full desktop integration is supported only with KDE, GNOME2 and GNOME3 environments.

Operating System Version	Platform	File system
Linux kernel 3.10 and above with glibc 2.17 and above	x64 / ARM	Ext4 / XFS
• Red Hat 7 and above	x64 / ARM	Ext4 / XFS
• Fedora 22 and above	x64 / ARM	Ext4 / XFS
• Ubuntu 16.04 and above	x64 / ARM	Ext4 / XFS
• Debian 8.0 and above	x64 / ARM	Ext4 / XFS
• CentOS 7	x64 / ARM (no agent UI)	Ext4 / XFS
• CentOS 8	x64 / ARM	Ext4 / XFS
• Alma Linux 8 and 9	x64 / ARM	Ext4 / XFS
• Rocky Linux 8 and 9	x64 / ARM	Ext4 / XFS

Windows

Operating System Version	Platform	Support for BMR	File system
Windows 10	x64	Yes	NTFS / ReFS
Windows 10 S	Not supported	Not supported	N/A
Windows 11	x64	Yes	NTFS / ReFS
Windows Server 2012 R2	x64	Yes	NTFS / ReFS
Windows Server 2016	x64	Yes	NTFS / ReFS
Windows Server 2019	x64	Yes	NTFS / ReFS
Windows Server 2022	x64	Yes	NTFS / ReFS

BMR Support information:

- The disk layout of the machine to restore must be compatible with the backed up one (number of disks, space available, etc.).
- BMR is not available if the system is installed on a Dynamic Disk (Dynamic Disks are supported for disks other than the system disk).
- Supported file systems: NTFS, FAT 32. For ReFS support, refer to the Release Notes issued with each Lina Version.
- Firmware of backed up agent must be the same as the machine to restore on (Bios, EFI, UEFI).

MacOS

Note that the new privacy protection introduced with macOS Mojave requires that you grant Full Disk Access to Lina processes. Information on how to do so is located on the support portal (support.atempo.com).

Operating System Version	Intel Platform	ARM platform
macOS 11 (Big Sur)	x64	ARM AArch64 (Apple Silicon)
macOS 12 (Monterey)	x64	ARM AArch64 (Apple Silicon)
macOS 13 (Ventura)	x64	ARM AArch64 (Apple Silicon)
macOS 14 (Sonoma)	x64	ARM AArch64 (Apple Silicon)

Synology NAS

The correspondence between processor architecture and Synology NAS model is listed on Synology's website : https://kb.synology.com/en-global/DSM/tutorial/What_kind_of_CPU_does_my_NAS_have

Operating System Version	Supported Processor Architecture
DSM 7.2	- Intel x64 - ARM 32-bit - ARM 64-bit

End Of Support Information

Support Lifecycle

The End of Support (EOS) date is the last date on which Atempo will deliver standard support services for a version/release of a product. EOS means the software is no longer available for download. Customers may continue to install and use the version, but Atempo will no longer keep these versions online.

End of support implies:

- The version is no longer available for download.
- No patch or service pack will be provided for that version.
- Support will no longer open tickets for that version.

EOS Policy

Atempo end of support policy is triggered on major/minor releases only. As a general rule, we support two major/minor versions in parallel. Example: Lina 5.3.6 – 5=major, 3=minor and 6=service pack.

Whenever a new version is released, the n-2 version remains supported for a period of 3 months.

> **Note**: Within a minor version, fixes/patches are only delivered in the latest service pack for that version. For instance, if the service pack V5.3.6 has already been released, new fixes are only delivered in version V5.3.7, they are not back ported in earlier V5.3 service packs.

Lina Version	Release Date	End of Support Date
7.0	October 2023	TBD
6.0	January 2023	TBD
5.3	December 2021	TBD
5.2	April 2021	April 2023
5.1	September 2019	June 2022
5.0	May 2019	November 2021

Certified Applications Compatible With The Lina Agent

Vendor	Software Application
Microsoft	• EFS • Defender • BitLocker
PRIM'X	ZoneCentral[1]

Support policy for Lina with encryption solution:

- Atempo does not run specific certification for Lina on encryption software other than the application listed above.
- Lina does not interfere with encryption software. Hence as long as the encryption software does not change any Windows API semantic and particularly Windows snapshots (VSS), backup APIs and Windows privilege mechanisms, it should run with Lina without any problems.
- The use of non-certified third-party software such as these encryption solutions does not void the maintenance agreement; however Atempo will not be responsible if an issue is due to the third party software.

Browser Compatibility

For all interfaces, the minimum resolution supported by Lina is 1280x800.

Interfaces	Browser	Version
• Lina Administration Console • Lina Agent • Web restore	• Edge • Firefox • Safari • Chrome	Up-to-date version

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[1]Contact your Atempo representative for detailed configurations.

Language Availability

Interfaces	Language
• Lina Administration Console • Lina Agent • Web restore	• English (United States) • French