



LINA

**Compatibility Guide
for Lina – Version 5.1.4
December 2019**

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New in Lina 5.1.4 CG

- Support for macOS 10.15 Catalina

New in Lina 5.1 CG

- The Lina agent for Windows 32-bit has not been generated in 5.1. Version 4.0.4 must be used instead for that agent

Lina Server

	Operating System	Platform	File System
Lina Server for Linux ¹	Linux kernel 2.6.32 and above with glibc 2.12 and above	x64	Ext4
Lina Server for Windows	Windows Server 2008 R2 SP1	x64	NTFS
	Windows Server 2012 R2 SP1	x64	NTFS
	Windows 2016	x64	NTFS
	Windows 2019	x64	NTFS

Server vs. Agent Compatibility

Lina version 5.1 Server is fully compatible with version 5.0.x, 4.x and 3.4.x agents.

Backed up Agent Data

- USB sticks connected to an agent are NOT supported
- Cloud based data: Data accessible on your disk but residing on cloud storage (for instance: OneDrive files on-demand) are NOT supported

¹ Make sure that the library `libavahi` is present on your system prior to installing the Lina server

Lina Agent for Windows

	Operating System	Platform	Support for BMR ²
Lina Agent for Windows	Vista	x86 / x64	No
	Windows 7		Yes
	Windows 8		Yes
	Windows 8.1		Yes
	Windows 10		Yes
	Windows 2008 ³	x86 / x64	Yes
	Windows 2008 R2	x64	Yes
	Windows 2012	x64	Yes
	Windows 2012 R2		Yes
	Windows 2016	x64	Yes
Windows 2019	x64	Yes	

- **End of Life:** Lina agent for Windows XP SP3 x86 is no longer delivered. The legacy version of this agent is Lina 3.4
- **Not available in 5.1 :** The Lina agent for Windows 32-bit has not been generated in 5.1. Version 4.0.4 must be used instead for that agent.

² 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, please refer to the Release Notes issued with each ALN Version.
- Firmware of backed up agent must be the same as the machine to restore on (Bios, EFI, UEFI)

³ Windows 2008 Storage Server is not supported

Lina Agent for Mac and Linux

	Operating System	Platform
Lina Agent for Mac	macOS 10.12 (Sierra) macOS 10.13 (High Sierra) macOS 10.14 (Mojave) ⁴ macOS 10.15 (Catalina)	x64
Lina Agent for Linux ⁵	Linux kernel 2.6.32 and above <ul style="list-style-type: none"> • Red Hat 6.2 and above • CentOS 6 and 7 • Ubuntu 10.04 and above • Fedora 14 and above • Debian 6.0 and above 	x64

⁴ Note that the new privacy protection introduced with macOS Mojave requires that you grant Full Disk Access to ALN processes. Information on how to do so is located on the support portal <https://support.atempo.com>.

⁵ Full desktop integration is supported only with KDE, GNOME2 and GNOME3 environments

Lina Agent for Synology NAS

	Operating System	Supported Processors ⁶
Lina Agent for Synology ⁷	DSM 6	Intel (all models) Armada38x Armada38xp

⁶ In addition the following NAS have been tested and are supported: DS 111, DS 1010, and DS 1513

⁷ Please contact your Atempo representative for the support of other models



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 that 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 from ISP
- 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 4.0.3 – 4=major, 0=minor and 3=service pack

Whenever a new version is released, the n-2 version remains supported for a period of 6 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 V3.4.4 has already been released, new fixes are only delivered in version V3.4.5, they are not back ported in earlier V3.4 service packs.

Lina Version	Release Date	End of Support Date
5.1	September 2019	TBD
5.0	May 2019	TBD
4.0	October 2017	TBD
3.4	June 2016	November 2019

Certified Compatible Applications

	Vendor	Software Application
Lina Agent	Microsoft	EFS, BitLocker

Support policy for Lina with encryption solution:

- Atempo does not run specific certification for Lina on encryption software other than the native Microsoft solutions such as EFS and BitLocker.
- 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.

Compatible Browsers

	Browser	Version
Lina Administration Console and Web Restore	Internet Explorer	version 11 and above
	Edge	Up-to-date version
	Firefox	
	Safari	
	Chrome	

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

Language Availability

	Language
Lina Administration Console	English (United States) French
Lina Agent	English (United States) French
Lina Web Restore	English (United States) French

Co-residence with other Atempo Products

It is generally safe to install components from other Atempo products on the same host as Lina, provided the host has sufficient processor, memory, storage, and network resources to support the combined load and the product versions are at least as current as the following:

Atempo Product	Supported Version
Time Navigator (ATN)	ATN 4.5 (and above)
HyperStream Server (HSS)	HSS 3.4 (and above)
Atempo-Digital Archive (ADA)	ADA 3.8 (and above)

Recommended Best Practices

Running multiple product components on the same host *is not recommended* in production environments. Like any business-critical application, Atempo products will perform best when run on dedicated hosts. Furthermore, troubleshooting issues with co-resident applications can be extremely complex, which may result in reduced service level.

This section refers only to co-residence and not to interoperability with other Atempo products (except for HSS that can share the same ADE – Atempo Deduplication Engine).

It is highly recommended that *Lina Server be installed on a dedicated host and provisioned with a dedicated storage.*

When it is absolutely necessary that Lina and other Atempo products are coinstalled, one must strictly adhere to the resource requirement outlined as follows.

Where multiple Atempo product server components share a host, the *network, system, and storage resource requirements are strictly additive.* For example, if Lina server requires X resources and ATN server requires Y resources, then the combination requires X+Y resources.

Important: multiple installations of Lina Server on a single host are not supported.
If you require assistance or additional information, please contact Atempo Support.