

# BEST PRACTICES GUIDE

Tips and guidelines to get the most out of  
RecoveryManager Plus.



We thank you choosing RecoveryManager Plus for your Active Directory and Exchange (on-premises and Exchange Online) backup and restoration needs. Before installing the product, please take a few minutes to go through some of our best practices. These are based on our experience, research, and product testing.

This guide is broken down into the following sections:

1. [Scope of the product](#)
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3. [Operating systems](#)
4. [Browsers](#)
5. [Best practices for AD backup](#)
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## 1. Scope of the product

### Active Directory

You can use RecoveryManager Plus to back up and recover AD running on the following servers:

- Windows Server 2016
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2
- Windows Server 2008

### Exchange Server

You can use RecoveryManager Plus to back up and recover Exchange mailboxes from the following servers:

- Microsoft Exchange Server 2010 SP1
- Microsoft Exchange Server 2010 SP2
- Microsoft Exchange Server 2010 SP3
- Microsoft Exchange Server 2013
- Microsoft Exchange Server 2016



## Exchange Online

You can use RecoveryManager Plus to back up all Exchange Online mailboxes.

## 2. Hardware requirements

Installing RecoveryManager Plus in your environment is quite simple. After downloading the product from our website, run it and follow the instructions in the InstallShield Wizard.

You can install RecoveryManager Plus on any Windows machine that satisfies the following criteria.

### Active Directory backup

Hardware	Recommended
Processor	2.13GHz or higher
RAM	2 GB
Disk space	2 GB

### Exchange backup

Hardware	Recommended
Processor	2.13GHz or higher
RAM	8GB minimum;16GB is recommended
Disk space	Depends on the number of mailboxes backed up

## 3. Operating systems

### 3.1 Installing RecoveryManager Plus on client machines

RecoveryManager Plus can be installed on machines running the following operating systems:

- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2008 R2
- Windows Server 2008
- Windows Vista SP2 and later



### 3.2 64-bit vs. 32-bit operating systems

You can run RecoveryManager Plus on both 32-bit and 64-bit operating systems for Active Directory backup, but you must run RecoveryManager Plus on a 64-bit OS to back up Exchange (on-premises and Exchange Online).

For enterprises with a large number of AD user objects, we recommend running RecoveryManager Plus on a 64-bit operating system for better performance.

## 4. Browsers

RecoveryManager Plus supports the following browsers:

- Internet Explorer 8 and later
- Mozilla Firefox
- Google Chrome

## 5. Best practices for AD backup

### 5.1 Repository

By default, both full and incremental backups of AD objects are stored in the Elasticsearch database that comes bundled with RecoveryManager Plus. You can configure the product to store backups on any other machine.

The storage space required depends on the number of full backups you want to keep.

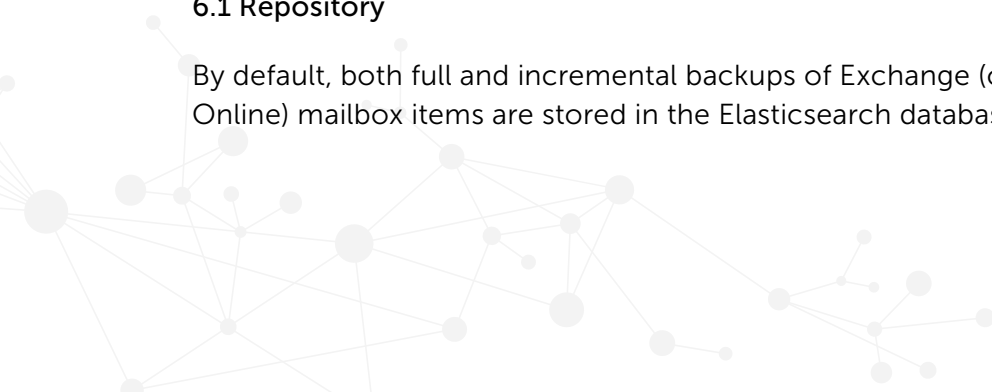
### 5.2 Incremental backup frequency

We recommend running incremental backups daily during non-business hours.

## 6. Best practices for Exchange backup

### 6.1 Repository

By default, both full and incremental backups of Exchange (on-premises and Exchange Online) mailbox items are stored in the Elasticsearch database that comes bundled with



RecoveryManager Plus. You can configure the product to store backups on any other machine.

Configurations relating to your Exchange backups are stored in the pgSQL database that comes bundled with RecoveryManager Plus. You can also use an MS SQL database.

The required space varies based on the number and size of the mailboxes being backed up, as well as your retention policy.

## 6.2 Incremental backup frequency

We recommend running incremental backups daily during non-business hours to minimize the time it takes to complete backups and ensure minimal changes occur to mailboxes when they're being backed up.

For details or questions about RecoveryManager Plus, please send us an email at [support@recoverymanagerplus.com](mailto:support@recoverymanagerplus.com).

## **RecoveryManager Plus**

RecoveryManager Plus empowers you to back up each change made to AD objects as a separate version and restore them to any of their previous version in a few clicks. Additionally, it doubles up as your Exchange backup solution and can back up your emails, calendar entries, contacts, journals, notes, posts, and tasks, and restore them whenever you need.

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