

# Zerto

## Using the Zerto Log Archiver

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## Using the Zerto Log Archiver

Zerto creates log files containing information about both the Zerto Virtual Manager and VRAs.

These log files can be used to help resolve any issues that might arise.

The current log file is called **logfile.csv** and resides in the **<Zerto\_Install\_Dir>\Zerto\logs** folder, where **Zerto\_Install\_Dir** is the folder specified during installation.

When the log file reaches 10MB its name is changed to **log.nnnn.csv**, where **nnnn** is a number incremented by one each time the current log file **logfile.csv** reaches 10MB.

Up to 150 log files are kept, with a total size of 1GB.

You send the logs to Zerto support using the **Zerto Diagnostics** tool, described in the Zerto Virtual Manager Administration Guide for your environment.

If you need to save logs for longer, so that more than 1GB of log entries can be analyzed, you can use the **Zerto Log Archiver**. The Zerto Log Archiver enables creating an archive of logs for a specified period in an archive that is not overwritten by the normal log mechanism.

See the following sections:

- [Setting Up the Zerto Log Archiver on page 4](#)
- [How the Log Archiver Works on page 4](#)

## Setting Up the Zerto Log Archiver

The Zerto Log Archiver is set up using an XML-based configuration file.

### > To configure the Zerto Log Archiver:

1. Copy the following XML to an editor.

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<LogArchiveConfiguration  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
```

```
<ArchivePath>D:\ZertoLogs</ArchivePath>
```

```
<ArchiveSpanInDays>7</ArchiveSpanInDays>
```

```
</LogArchiveConfiguration>
```

2. Edit the `ArchivePath` and `ArchiveSpanInDays` values:

**ArchivePath:** The path in the Zerto Virtual Manager machine where the log archives are saved.

**ArchiveSpanInDays:** The number of days the log archives are saved.

3. Save the XML with the name `log_archive_config.xml` to the folder where Zerto is installed. The default location is `C:\Program Files\Zerto\Zerto Virtual Replication`.
4. Restart the Zerto Virtual Manager Windows service to start log archiving.
5. Repeat this procedure for every Zerto Virtual Manager in the environment for which you want to archive the logs.

See also [How the Log Archiver Works on page 4](#).

## How the Log Archiver Works

Every six hours the Zerto Virtual Manager checks for the existence of the `log_archive_config.xml` file. If the file exists, the Zerto Virtual Manager does the following:

- Copies all the Zerto Virtual Manager and VRA logs from the last six hours to the folder defined in the `ArchivePath` element.
- Checks the dates of all the logs in the log archive folder and deletes those logs that are older than the value specified in the `ArchiveSpanInDays` element.

**Note:** If you want to change the time the Zerto Virtual Manager checks for the existence of the `log_archive_config.xml` file from the six hour default value, contact Zerto support.

See also [Setting Up the Zerto Log Archiver on page 4](#).

Zerto enhances the Zerto the Zerto Platform by converging disaster recovery and backup to deliver continuous availability within a simple, scalable platform. Zerto delivers enhanced analytics, platform improvements and cloud performance upgrades required in the future of IT resilience.

Learn more at [Zerto.com](https://www.zerto.com).

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