

# 标题：为什么 ODBC 真修改 User Archive 后，冗余的服务器不会同步？

建议参考 在线帮助“选件->用户归档->基本知识->用户归档和冗余”中

冗余用户归档的使用要求 检查：详细列表如下：

- 1.只有使用 WinCC 组件（例如，UA API 函数、控制变量和 WinCC 用户归档控件）时，才同步用户归档。如果通过 ODBC 和连通性软件包访问数据库，则不对用户归档进行同步操作。
- 2.待同步的用户归档要求两台服务器上的结构相同。因此，用户归档和属性的组态必须是相同的。可以通过导出和导入组态数据来确保实现这一点。
- 3.必须将归档属性“字段 - 上一次访问”(Field - last access) 激活才能实现在线同步。可以在归档的“属性”(Properties) 区域的“权限和标记”(Authorizations and Flags) 属性下激活用户归档中的这个选项。

<https://support.industry.siemens.com/cs/de/en/view/109792585/63541916683>

手册里有 ODBC 操作不同步的明确说明

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## SIMATIC HMI WinCC V7.5 SP2 WinCC Information System

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### User archives and redundancy

#### Introduction

You can integrate user archives in a redundant system using WinCC redundancy. With parallel operation of two servers, if one server fails, the data of the user archives is synchronized online. Find out more about the operation and configuration of WinCC redundancy for user archives in the chapters on "Redundant Systems" in the WinCC Information System : **ODBC或者connectivity pack**

#### Requirements for the use of redundant user archives

**修改数据库不会同步**

- The user archives are only synchronized if WinCC components are used, for example, functions of the UA API, control tags, WinCC UserArchiveControl. The user archives are not synchronized if the database is accessed through ODBC and the Connectivity Pack.
- The user archives to be synchronized require the same structure on both servers. The configuration of the user archives and the properties must therefore be identical. You can ensure this by exporting and importing the configuration data.
- The archive property "Field - last access" must be activated for online synchronization. You activate the option in the user archive under the "Authorizations and Flags" property in the "Properties" area of the archive.
- When raw data tags are used for communication of the user archives, the name of the raw data tags used must be identical on both servers.
- Configuration changes can only be saved during Runtime when no redundancy synchronization is being performed at that time in the user archives.

## 解决方案：

用户归档的 控制变量 增加 删除 修改都可以同步。

参考：

<http://www.wincc.com.cn/Search.aspx?search=%E7%94%A8%E6%88%B7%E5%BD%92%E6%A1%A3>

WinCC V7.3-选件 User Archive 用户归档（入门指南）

WinCC V7.5 SP2 - 用户归档（常用于配方管理）