

CN_Patch_R4.2-06如何执行BuR的GPG签名导入和编 辑

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在APROL R4.2-06版本,提供的P10补丁采取了新的GPG签名机制,在安装补丁之前需要把BuR的GPG 的签名证书手动导入并信任后,后续P10补丁才能安装成功,否则补丁安装时签名校验无法通过,补丁安 装自动退出。

🛃 🗶	APROL patch signature check - AprolPatchInstaller (engin@cube05) 🛛 🗸 🔨 🗙
	The signature could not be verified because the fingerprint does not correspond to any public key in the GPG key ring!
	Fingerprint: [9 3BFCAA65F7D38AFB424185C58D39255AEFD5A50B]
	Note: The prerequisite for a valid signature is that the public key B&R Industrial Automation GmbH (APROL Release Key) is present in the GPG key ring (see the document Preparatory steps for checking authenticity and integrity).
	The installation of the patch file is not possible. Make sure that all prerequisites are present!
	ОК

· 解决方法

证书下载

首先需要去下载BuR的GPG签名文件,R4.2-06版本的签名文件下载链接为<u>https://www.br-automation.com/en/downloads/#categories=Software-1344987434933/</u> <u>APROL+process+control-1344987435117=undefined/R+4.2-06-1597914102661=undefined/</u> <u>Obligatory-1597914102695=undefined</u>,如下图去下载 BuR_Industrial_Automation_APROL_Release_Key.asc 这个文件。

Product groups		Software APROL process of	control R 4.2-06	
Software	•	APROL process control • R 4.2-06	• Obligator	У
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То		BuR_Industrial_Automation_APROL_Release_Key	R 4.2-06 ASC (06/21/2021) •	📥 ASC / 3 KB
Poset all filters		Installation instructions for undating AutoVaST V4 2.06.0.210201	D 4 2 06 (02/22/2021) EN -	

证书导入

1)BuR_Industrial_Automation_APROL_Release_Key.asc签名文件下载后,需要拷贝到APROL系统里面拷贝到和P10补丁文件存放的项目路径里面去。

● 警告

接下来进行该签名的导入工作,此处需要注意的时,如果接下来补丁安装工作是在root系统里面执行,那么这个签名的导入工作需要同样在root系统里面执行(是指从系统登陆界面登陆root系统,不是在konsol里面以su登陆),如果补丁安装工作是在engin系统里面执行,那么这个签名导入工作就需要在engin系统里面执行。

2)接下来登陆相应的系统(root或者engin),打开konsole,去执行签名证书的导入。如下图步骤所 示,执行完证书的导入后,需要去显示一下导入证书的内容,并拷贝BuR证书的指纹,以便下一步证书的 编辑使用。

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File Edi	it View Bookmark	s Settings Help		
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pub rs 3B 1id mation.c	a4096 2021-06-16 FCAA65F7D38AFB42 [unknown] com> a4096 2021-06-16	[SC] [expires: 2026- 4185C58D39255AEFD5A50 B&R Industrial Autom	-12-31] BB Hation GmbH (1005 Kereuse Key) / (0560 For signature)	的证书编辑需要这行内容 mang Markow Installacion media) <essen.ids@br-auto< th=""></essen.ids@br-auto<>

证书编辑

在BuR_Industrial_Automation_APROL_Release_Key.asc签名文件导入并显示后,紧接着需要对这个证书做一些编辑,如下图所示步骤,最后检查一下编辑结果是否正确。

