当使用 Aspen OPC UA Explorer 连接 OPC UA 服务器时遇到报错：BadSecurityChecksFailed 'Error received from remote host: Could not verify security on OpenSecureChannel request.'

编者按

1）这篇中文技术支持文章将会告诉我们如何解决升级到 V12 后 aspenONE Process Explorer Admin 显示 "A connection with the server could not be established(Error code:500)"的问题。

2）您也可以从 AspenTech 技术支持网站链接中找到对应的中/英文版技术支持文章。

3）欢迎您点击下方 AspenTech 培训中心链接，查看 AspenTech 中文公开课程安排：

北京公开课程安排

上海公开课程安排

中国其他地区 / 网络虚拟课程安排

4）在您使用我们的软件，或者查看我们的技术支持文章时，遇到任何问题，欢迎联系 AspenTech 技术支持：

邮箱：esupport@aspentech.com

网址：esupport.aspentech.com

电话：(86) 10 53875867

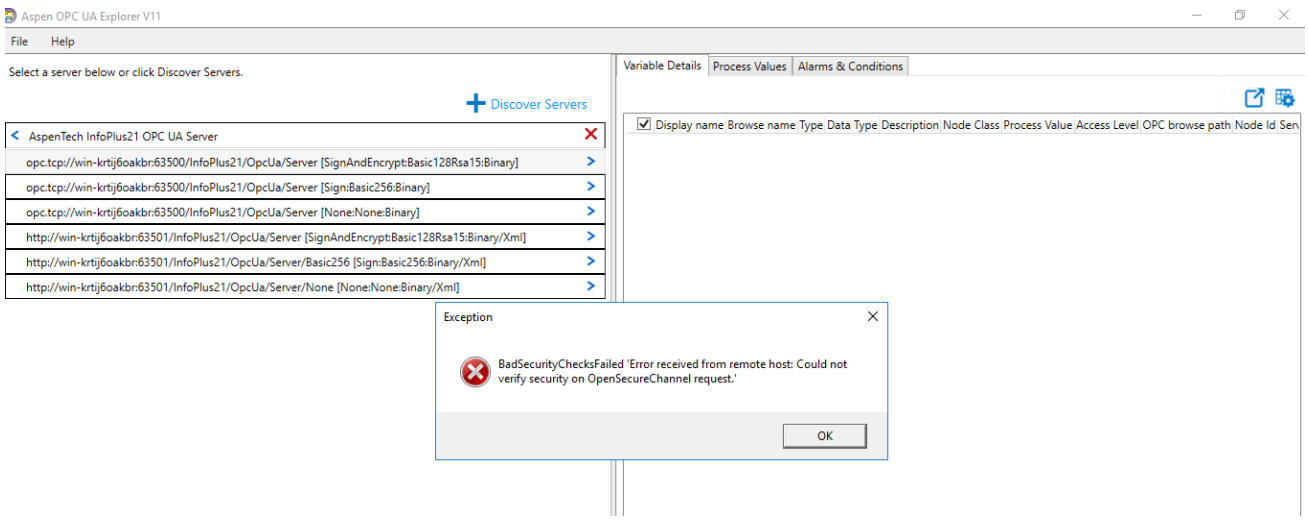
5）言归正传，请您欣赏我们的中文技术支持文章：

当使用 Aspen OPC UA Explorer 连接 OPC UA 服务器时，您可能会遇到如下报错：BadSecurityChecksFailed 'Error received from remote host: Could not verify security on OpenSecureChannel request.'

问题描述

当使用 Aspen OPC UA Explorer 连接 OPC UA 服务器时，您可能会遇到如下报错：BadSecurityChecksFailed 'Error received from remote host: Could not verify security on OpenSecureChannel request.'

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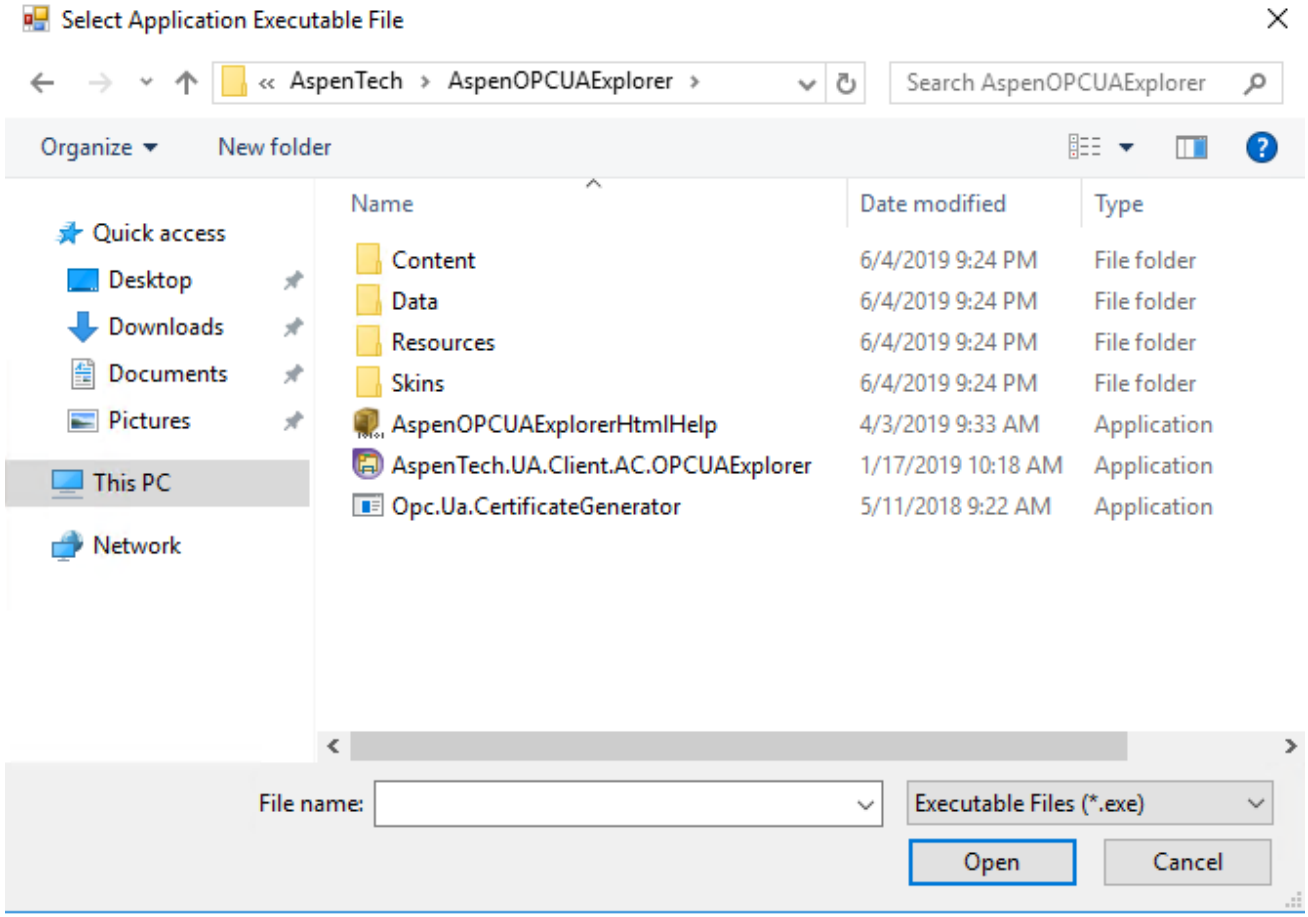


这篇文章为您提供了一个使用 Aspen OPC UA Explorer 连接 IP21 OPC UA 服务器的例子。

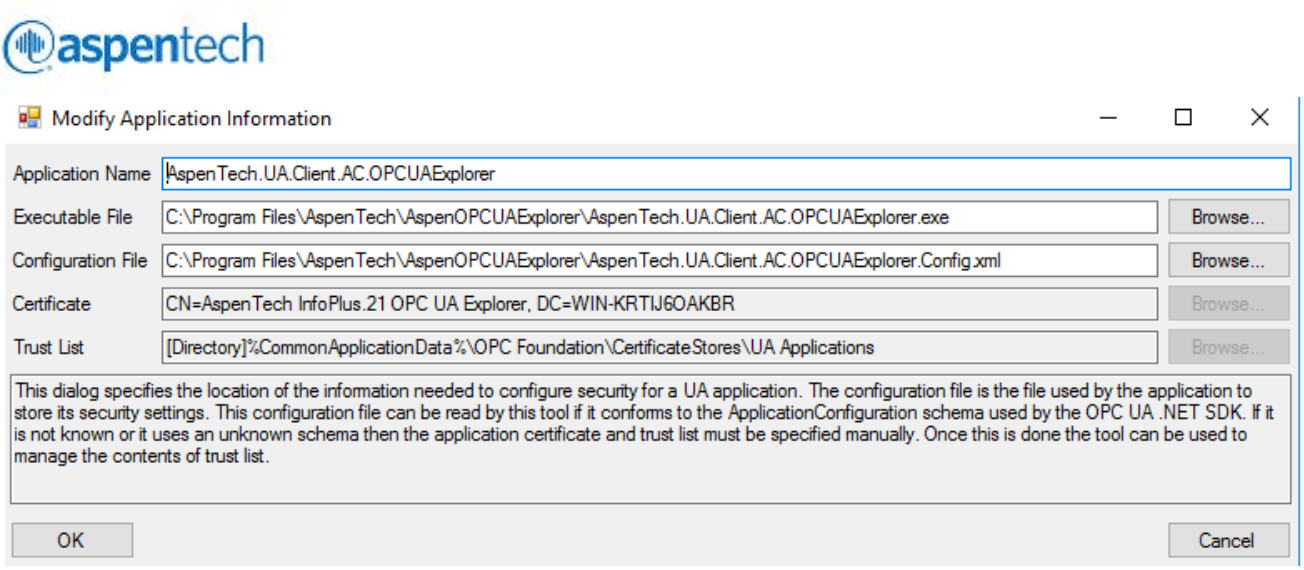
解决办法

您需要信任证书。

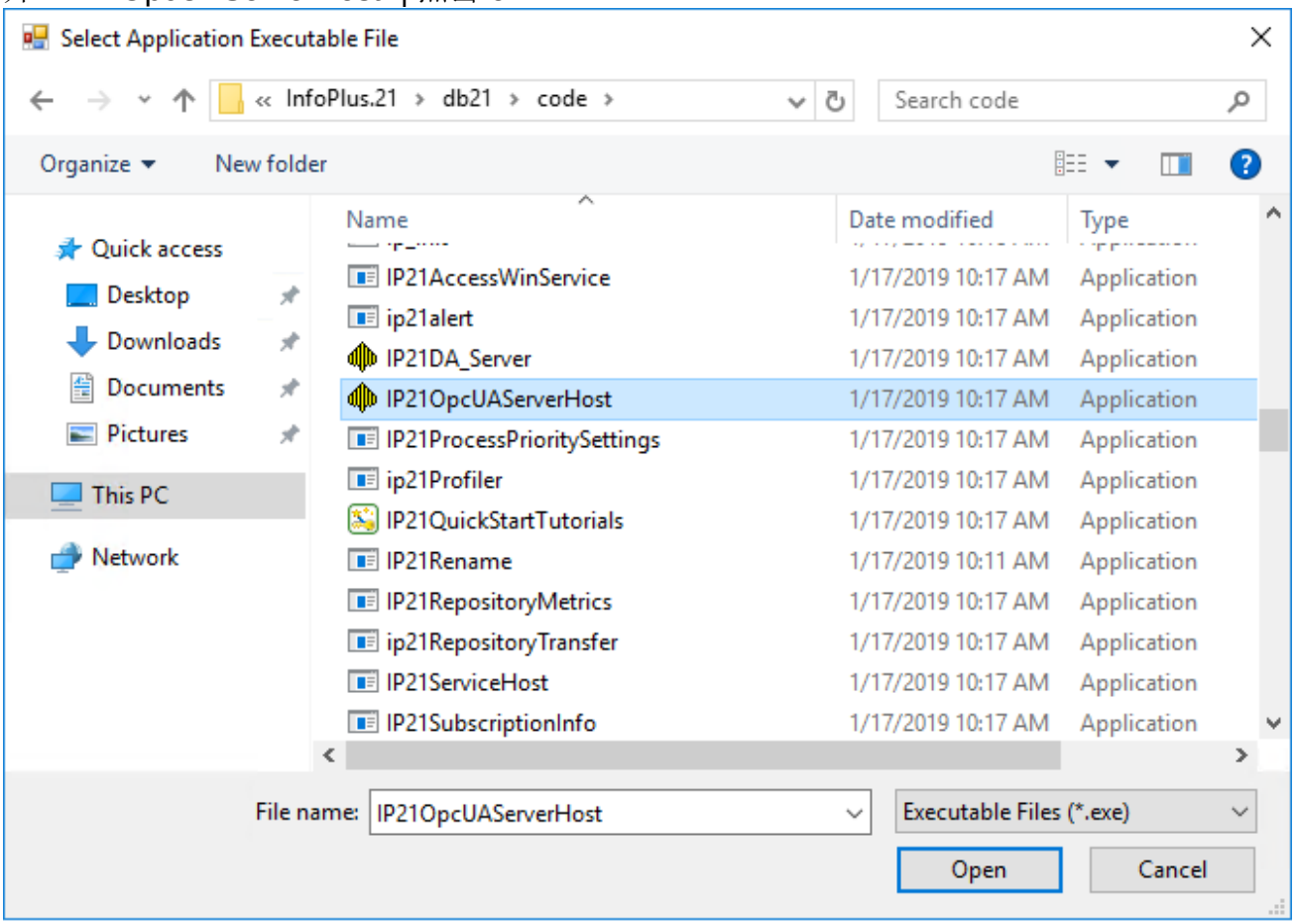
1. 开启 UA Configuration Tool
2. 点击 Find 和 browse 按钮导航到 C:\Program Files\AspenTech\AspenOPCUAExplorer | 打开 “AspenTech.UA.Client.AC.OPCUAExplorer” | 点击 ok。



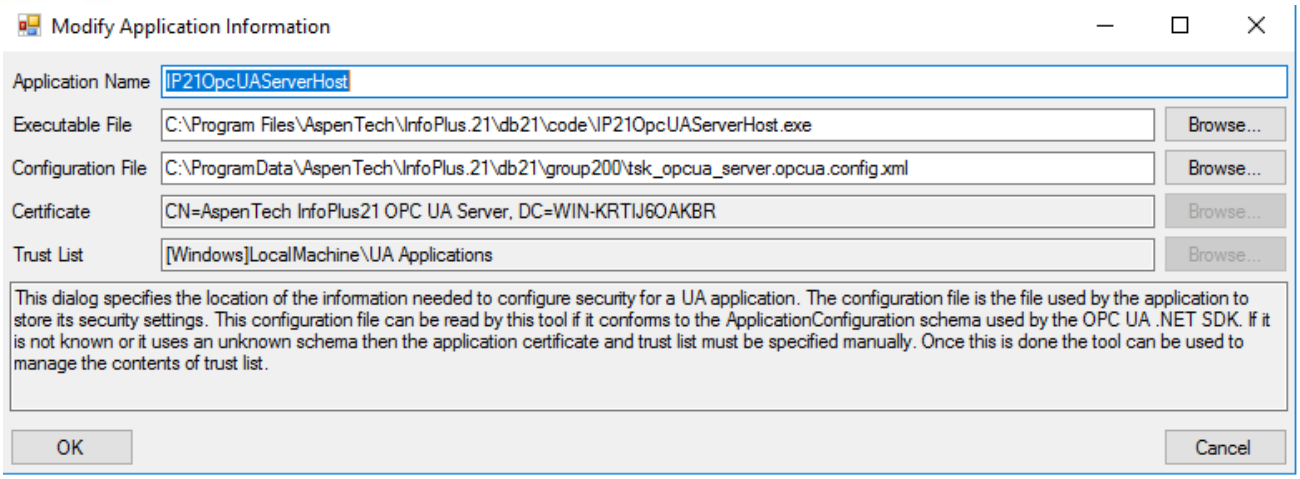
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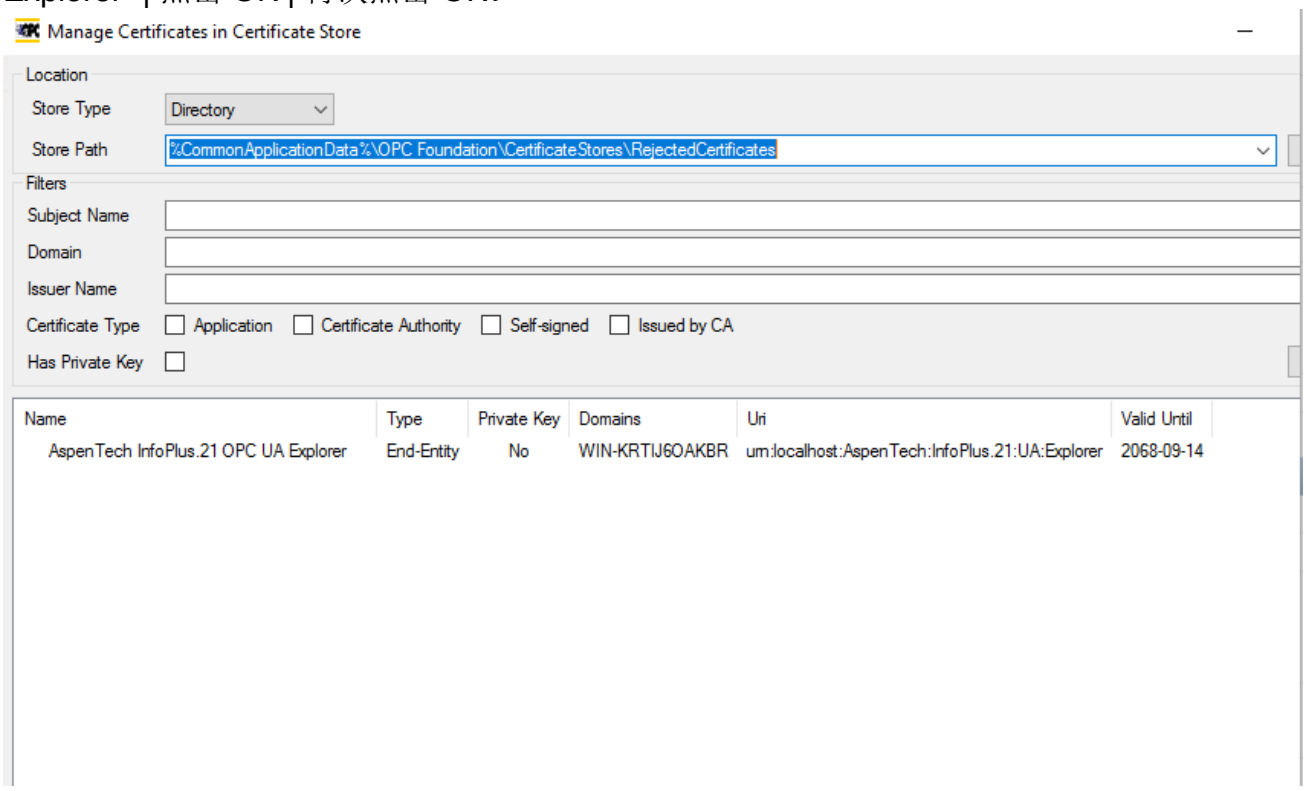
3. 点击 Find 和 browse 按钮导航到 C:\Program Files\AspenTech\InfoPlus.21\db21\code | 打开 “IP21OpcUAServerHost” | 点击 ok。



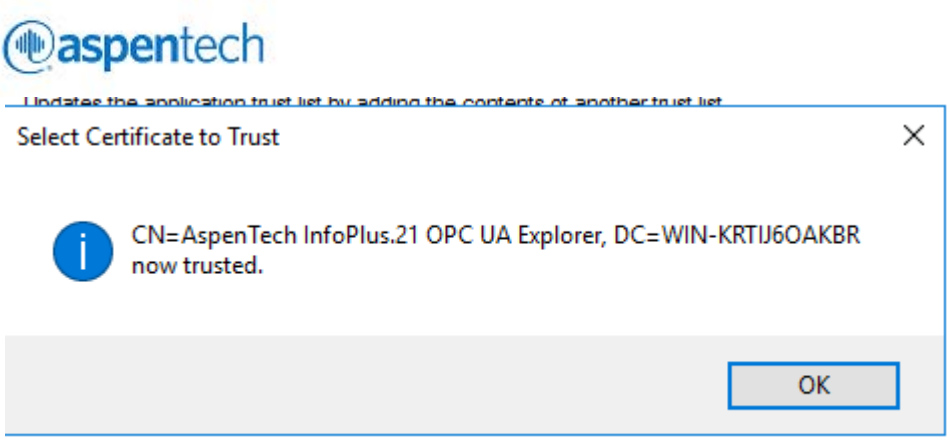
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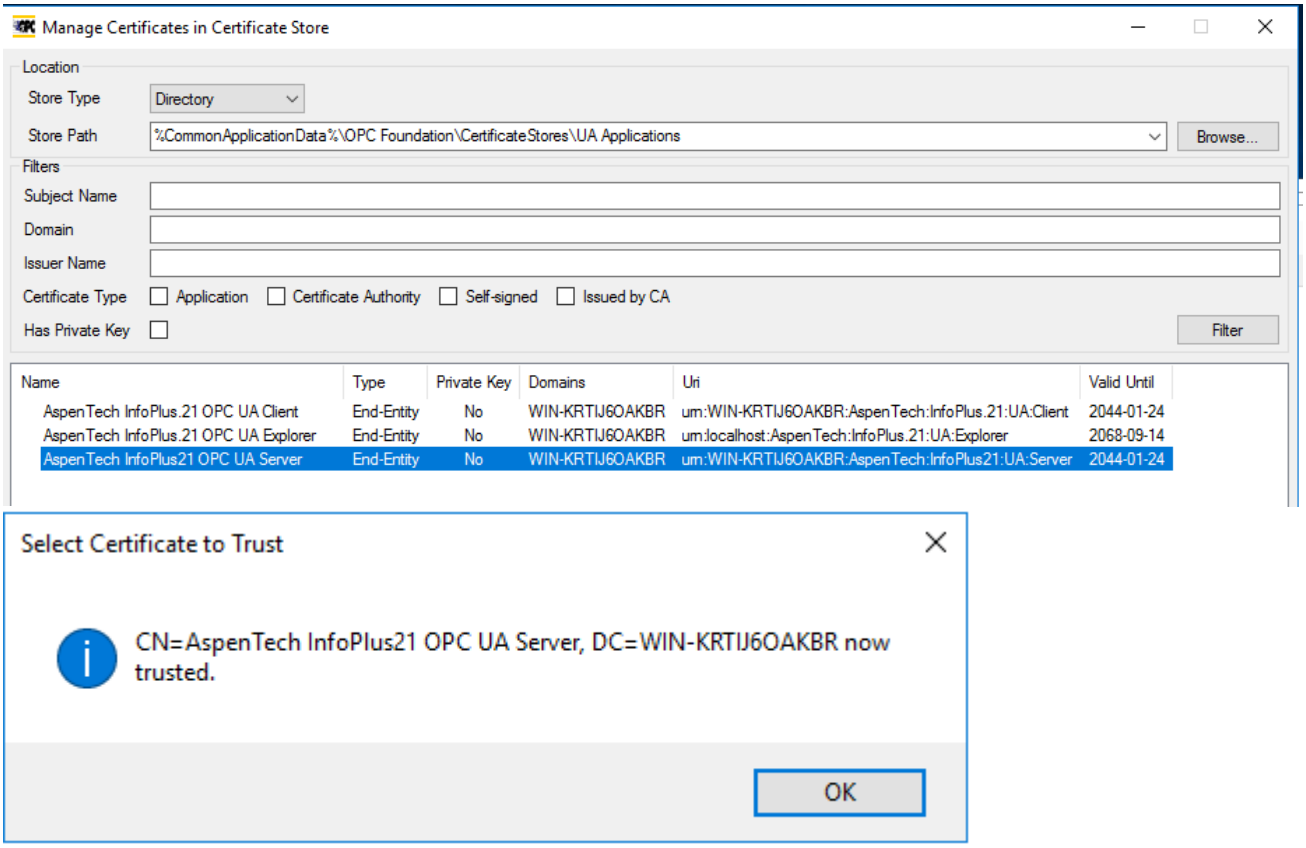
4. 点击 “Manage Applicaton” 选项卡 | 选择 IP21OpcUAServerHost | 点击 “View Application Certificate” | 点击 Export 并将证书保存到某个地方。
5. 点击 “Manage Applicaton” 选项卡 | 选择 t AspenTech.UA.Client.AC.OPCUAExplorer | 点击 “View Application Certificate” | 点击 Export 并将证书保存到某个地方。
6. 点击 “Manage Security” 选项卡 | 选择 IP21OpcUAServerHost | 点击 “select Certificate to Trust” | 选择 %CommonApplicationData%\OPC Foundation\CertificateStores\RejectedCertificates | 双击 “AspenTech InfoPlus.21 OPC UA Explorer” | 点击 OK | 再次点击 OK。



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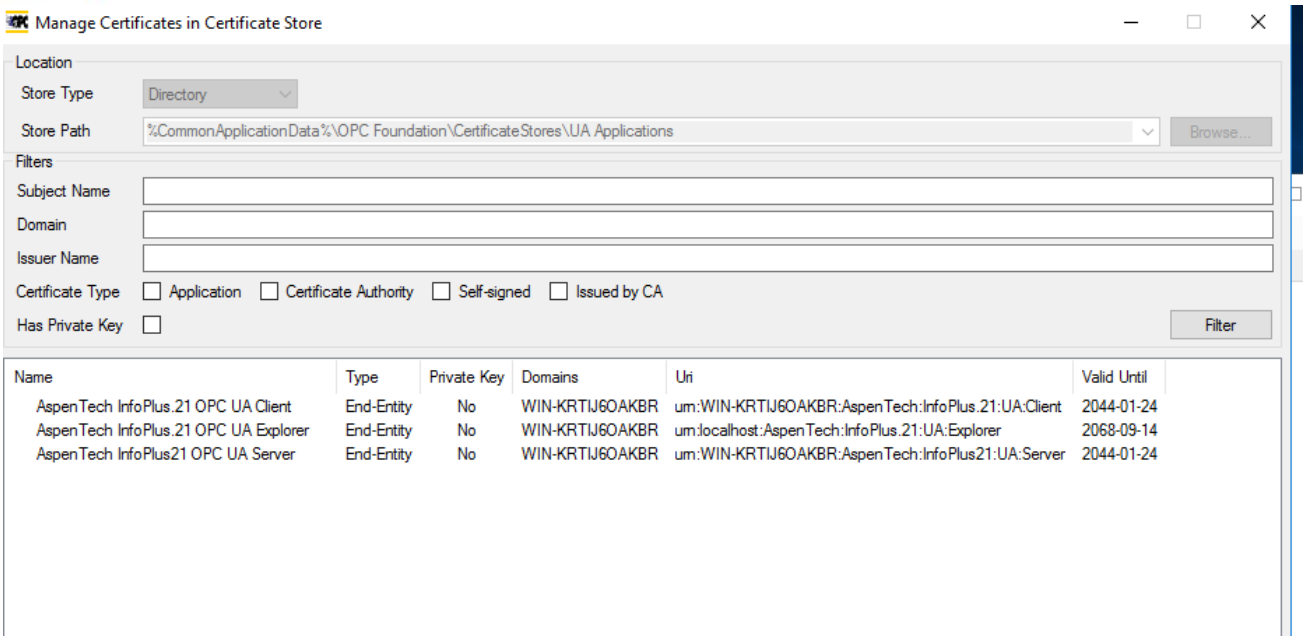


7. 点击 “Manage Security” 选项卡 | 选择 AspenTech.UA.Client.AC.OPCUAExplorer | 点击 “select Certificate to Trust” | 选择%CommonApplicationData%\OPC Foundation\CertificateStores\UA Applications | 双击 “AspenTech InfoPlus.21 OPC UA Server” | 点击 OK | 再次点击 OK。

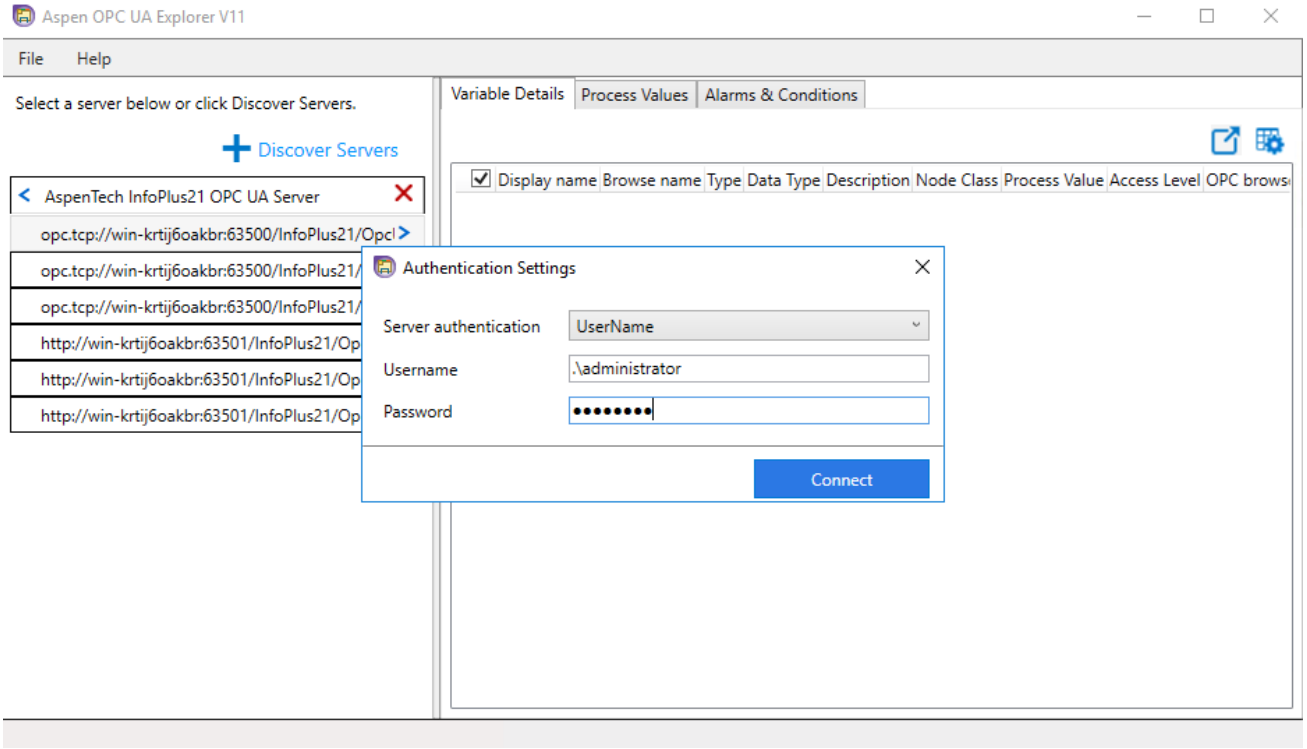


8. 点击 “View Trusted Certificate”

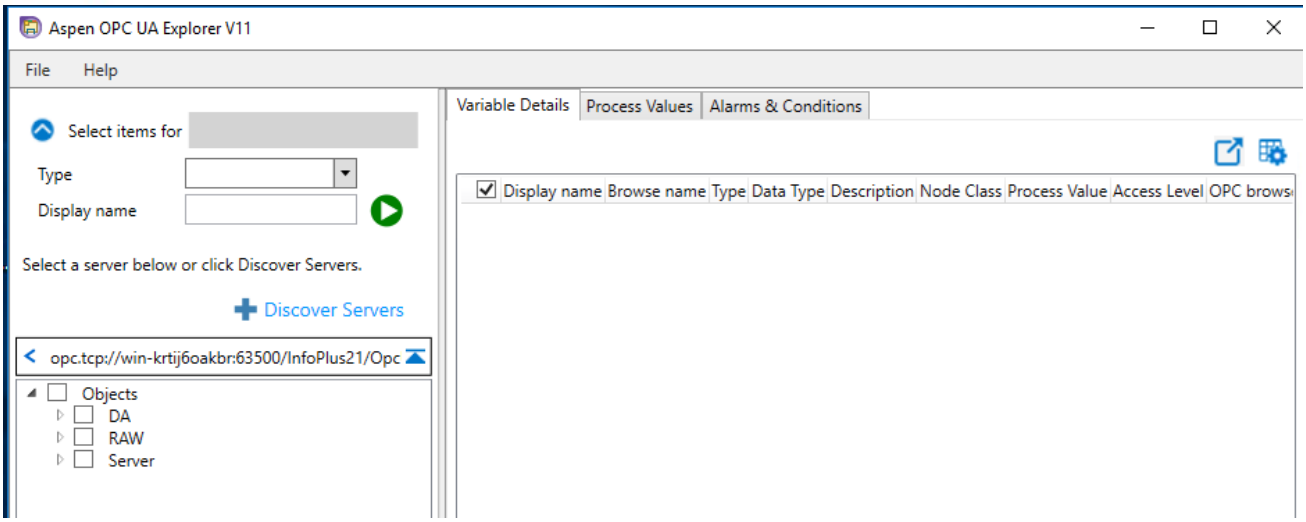
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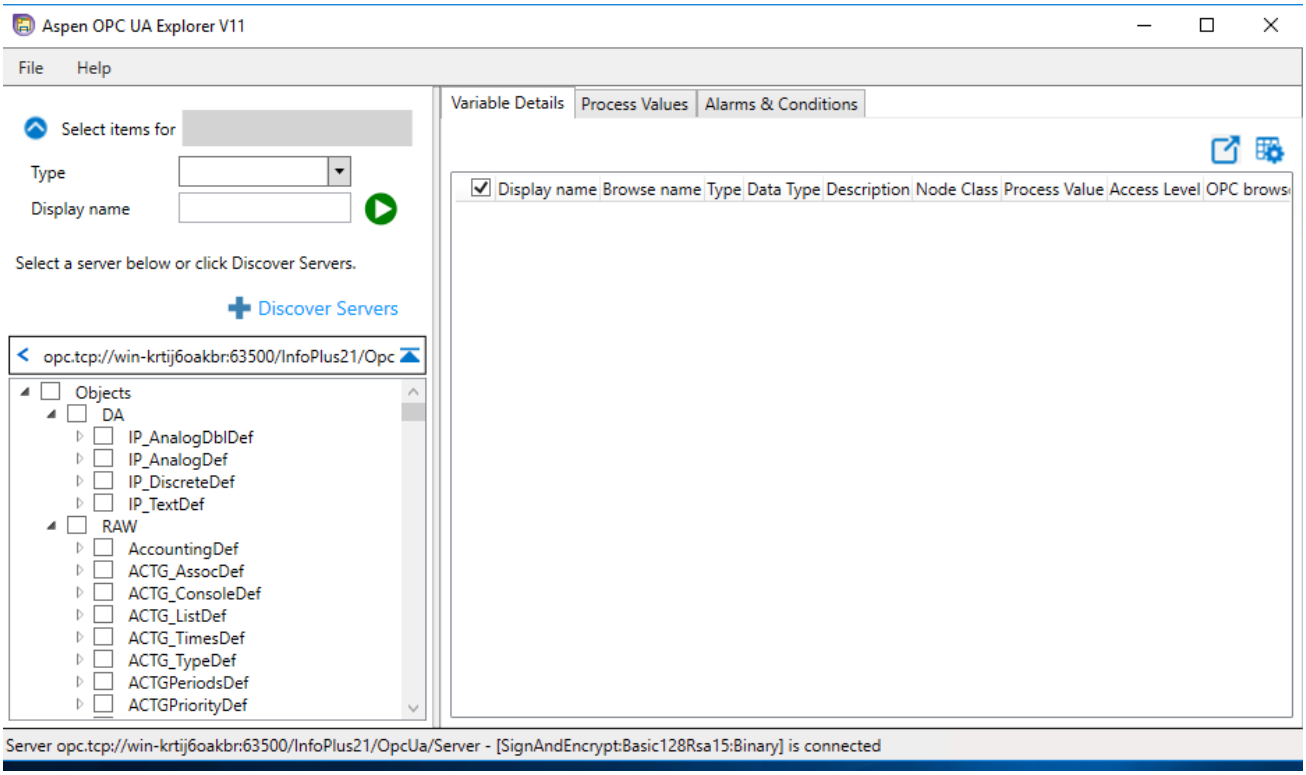
这一次，您应该可以连接成功了。



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除了 DA, 您还可以看到一些其他的定义。



<u>关键词</u>

UA
Explorer
Certificate
BadSecurityChecksFailed

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