XIA Configuration Server

XIA Configuration Server Version 9.1 Upgrade Notes

CENTREL
SOLUTIONS

Table of Contents

XIA Configuration Version 9.1

XIA Configuration Server version 9.1 adds several improvements to the XIA Configuration Client including inheritance of server connection settings, enhanced security and other general improvements.

Some of these updates require that data model changes be made that break existing data within the system.

Upgrading from a version older than v9.0?

If you're upgrading from a version older than v9.0, please also check the previous version upgrades.

- [Version 9.0 upgrade notes](#)
- [Version 8.2 upgrade notes](#)
- [Version 8.1 upgrade notes](#)

T00288 - Move to .NET Framework 4.6.2.

Previously all XIA Configuration products were based on the .NET Framework 3.5.1. This framework version though reliable has become dated and does not support the latest security protocols such as TLS 1.2.

.NET Framework Update

All XIA Configuration installations (Server, Client and Local Client) now target the latest .NET Framework version 4.6.2.

Supported Operating Systems for Installation

This has following operating systems are now supported for the installation of these products.

NOTE: This relates to the installation requirements and does **NOT** affect the operating systems that can be scanned by the product.

Server Operating Systems

The following operating systems are supported for installation of a production version of XIA Configuration Server and XIA Configuration Client.

- Windows Server 2016
- Windows Server 2012 and 2012 R2
- Windows Server 2008 R2 SP1

Desktop Operating Systems

The following desktop operating systems are supported for testing purposes and single user technician license installations:

- Windows 10 Pro Anniversary Edition (64-bit)
- Windows 8.1 Professional (64-bit)
- Windows 7 Professional SP1 (64-bit)

Support for Automatic Updates

WARNING:

While both the client and server installers include and automatically perform the installation of the .NET Framework 4.6.2 we recommend that the Framework is manually installed on computers that are targeted by automatic updates.

E90433 - Server Connection Settings Inheritance

With previous versions of XIA Configuration Server, the *Server Upload* settings had to be configured on each scan profile which lead to additional complexity and confusion for some users. This has now been simplified.

Whilst existing scan profiles will retain their existing settings we recommend that where appropriate customers reconfigure any scan profiles to *Inherit Service Settings* and click *View Service Settings* and configure the service level settings appropriately.
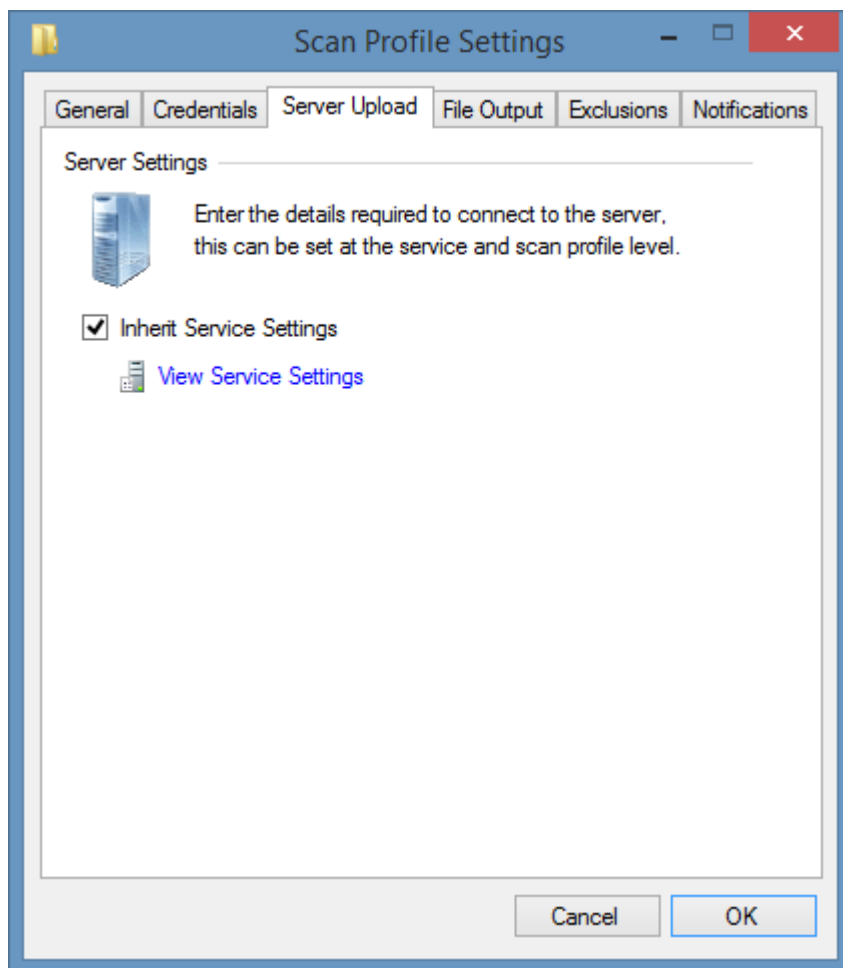
T00260 - Scan results files have been overhauled

The underlying XML format of the scan results files displayed in the XIA Configuration Client has been changed, existing scan results files will not be readable following the upgrade.

The following message will be displayed.
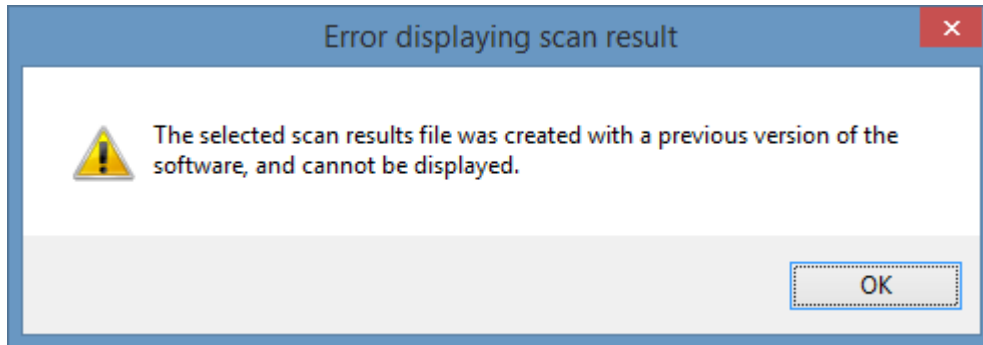
# T00282, T003089 , T00309 and T00283 - Web Service Methods

To ensure consistency throughout the product several web service method have been renamed. Any scripts or applications using these API methods must be updated.

- The GET_XIASettings method has been renamed to GET_ServerSettings.

- The SET_XIASettings method has been renamed to SET_ServerSettings.

- The GET_XIAInformation method has been renamed to GET_ServerInformation.

- The GET_XIAInformation method now returns a ServerInformation class.

T00287 - The Tools > Monitor client option has been removed

The "Monitor Client" menu item and corresponding user interface has been removed.

This interface provided the ability to connect directly to a XIA Configuration Client using the web interface however was dated and required a direct TCP connection.
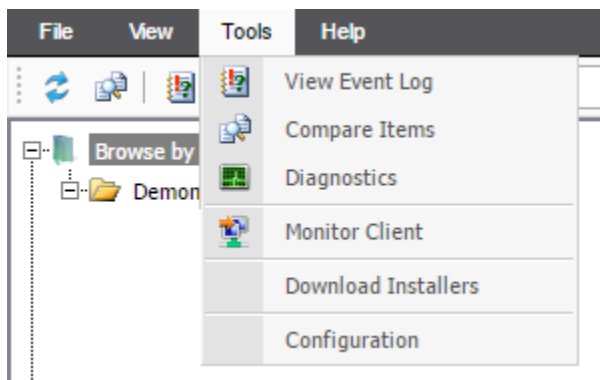

The functionality is available using the XIA Configuration Client Administration Tools and is being replaced by the new firewall friendly client registration and polling.

E90450 - The client service no longer listens on a TCP port by default.

Previously the XIA Configuration Client would, by default, listen for requests on TCP/8091 from the XIA Configuration Client administration tools.

This default behaviour has been changed to instead listen for local connections only on an IPC channel. This lowers the attack surface of the service and also reduces the risk of a TCP port conflict which would prevent the service from starting.

The TCP listener can be manually re-enabled in the service settings by clicking the *Network Settings button.*
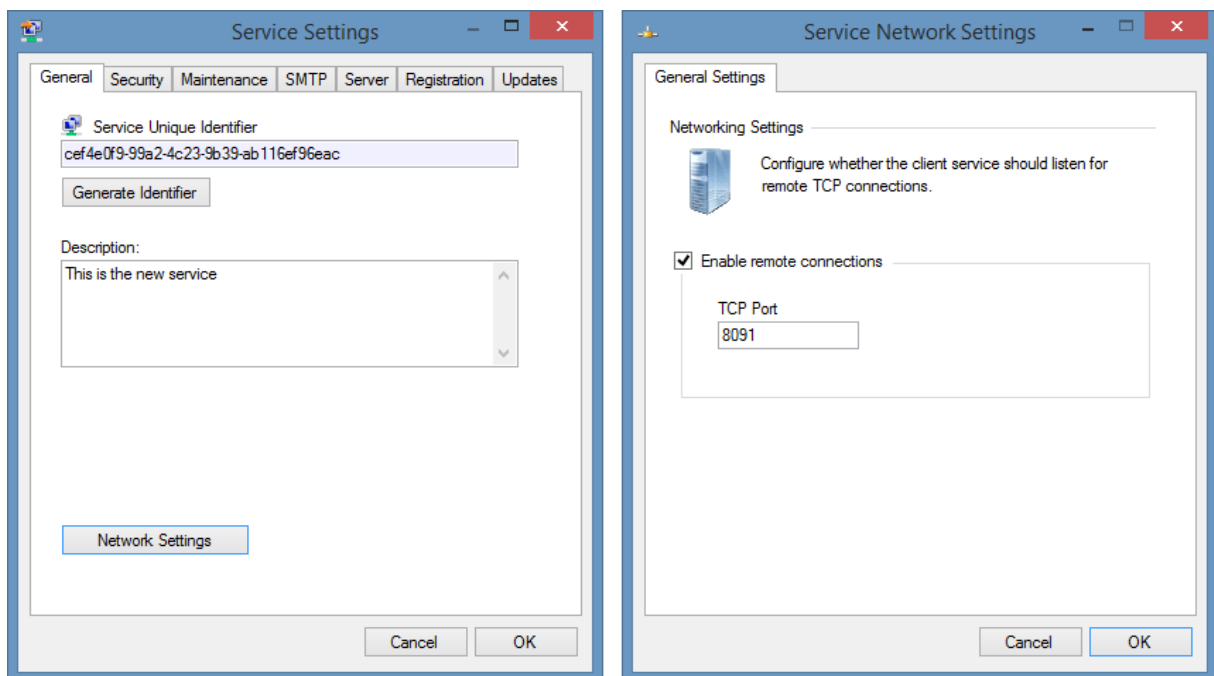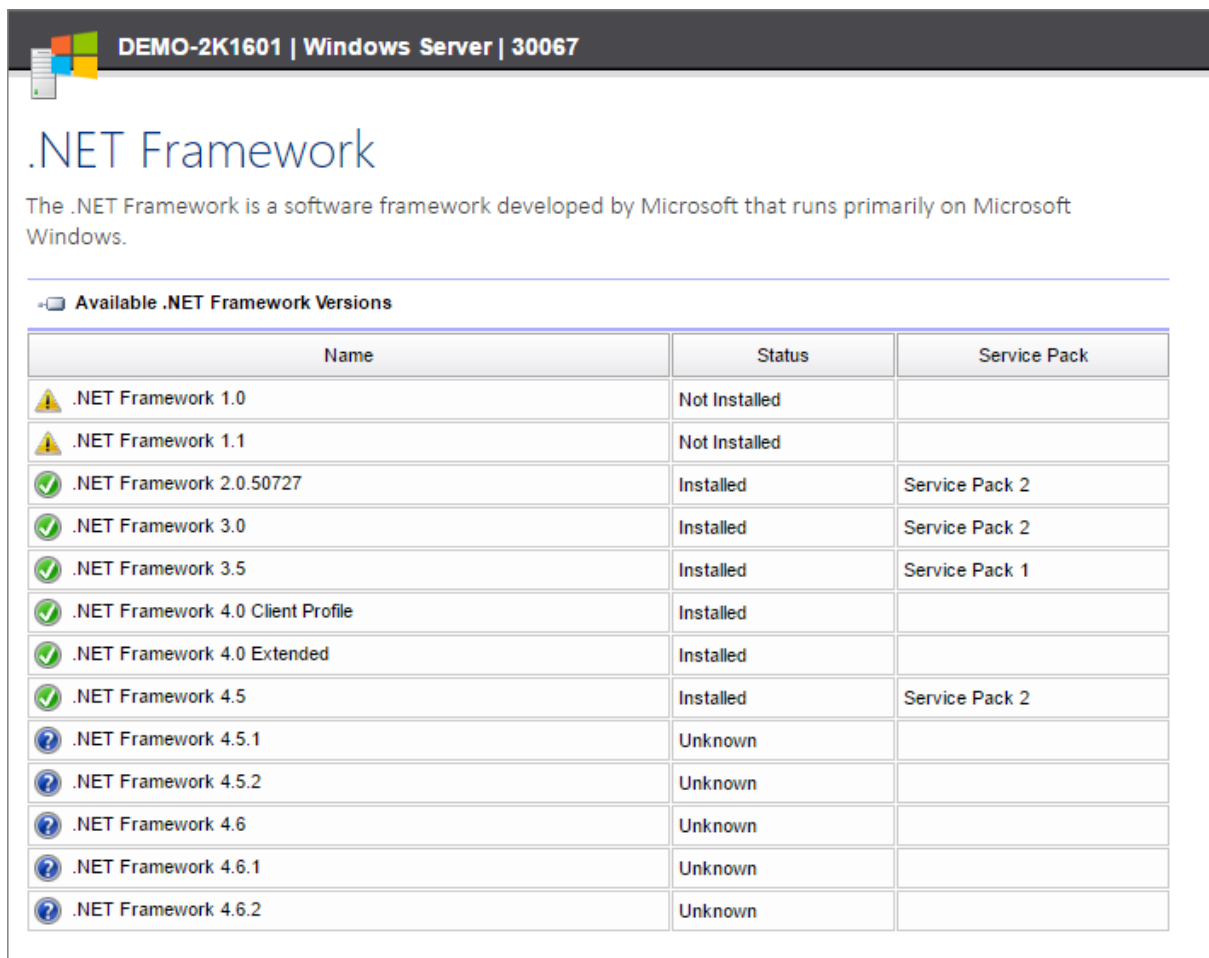
T00301 - Change to viewing .NET Framework 4.5 versions

Previously XIA Configuration Server would display .NET Framework versions 4.5.1 and 4.5.2 as a service pack update of the .NET Framework version 4.5 installation.

This was technically incorrect and now correctly displays them as dedicated installations.

However, until the updated XIA Configuration Client is installed and the items scanned these versions will display as "Unknown".

DEMO-2K1601 | Windows Server | 30067

.NET Framework

The .NET Framework is a software framework developed by Microsoft that runs primarily on Microsoft Windows.

Available .NET Framework Versions

Name	Status	Service Pack
⚠ .NET Framework 1.0	Not Installed	
⚠ .NET Framework 1.1	Not Installed	
✓ .NET Framework 2.0.50727	Installed	Service Pack 2
✓ .NET Framework 3.0	Installed	Service Pack 2
✓ .NET Framework 3.5	Installed	Service Pack 1
✓ .NET Framework 4.0 Client Profile	Installed	
✓ .NET Framework 4.0 Extended	Installed	
✓ .NET Framework 4.5	Installed	Service Pack 2
? .NET Framework 4.5.1	Unknown	
? .NET Framework 4.5.2	Unknown	
? .NET Framework 4.6	Unknown	
? .NET Framework 4.6.1	Unknown	
? .NET Framework 4.6.2	Unknown	

T00303 - BREAKING: The schema for Windows shares has now changed
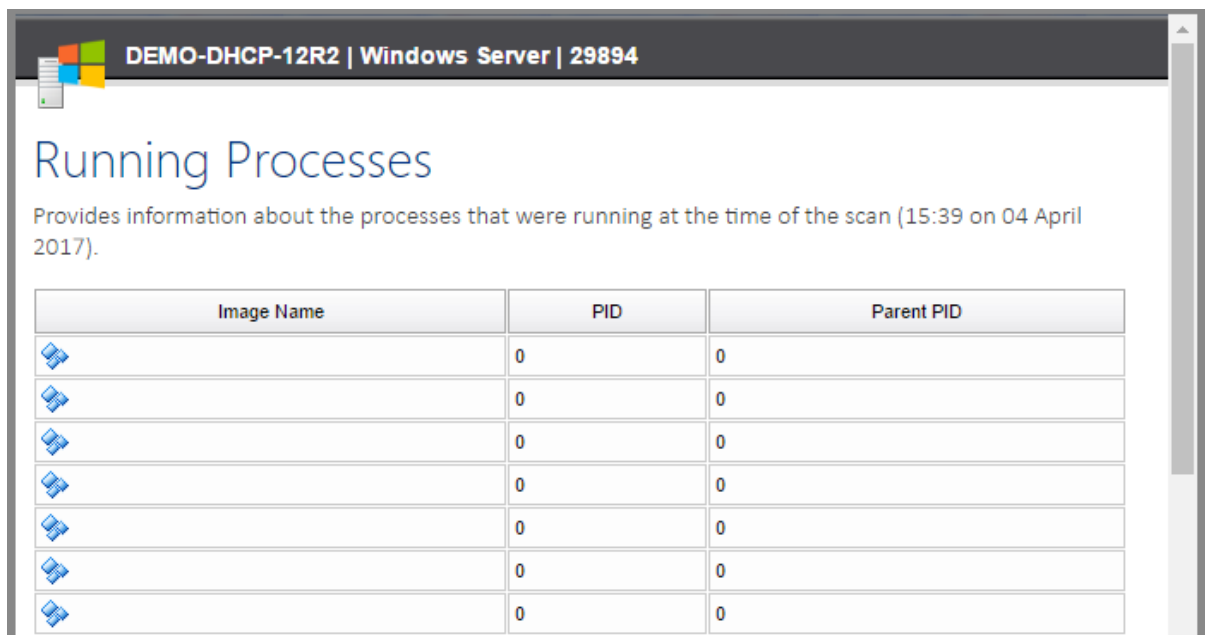
To allow for new client scan options and to improve performance the schema for Windows shares has been updated.

Windows shares information will display as blank until the client has been updated and the Windows machine rescanned.
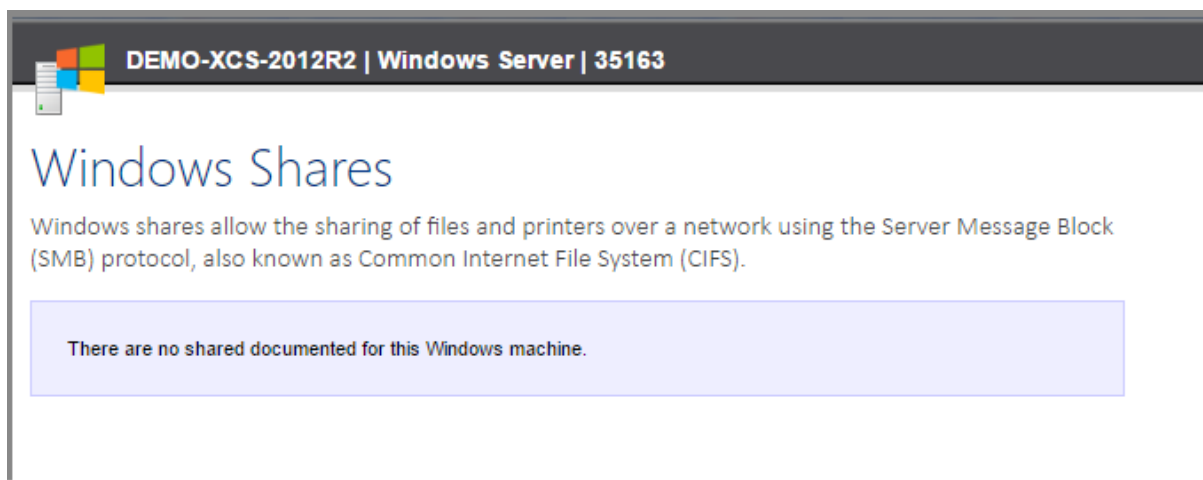
T00319 - BREAKING: The schema for Windows process information has changed

To improve storage and performance the schema has changed for Windows process information – this section will display as follows until the client has been updated and the Windows machine rescanned.

T00306 - The schema for the Windows shares related optional components has changed

Previously the Windows machine agent had two settings related to Windows shares "Maximum Shares" and "Share Permissions" each with a true/false value.

These options were limited and have been replaced by the new **Share Configuration** section.

The configuration schema and behaviour of these options has been updated and will set to new default values during the upgrade.

Customers must review these newly updated options to ensure they meet their business requirements and adjust them if required.
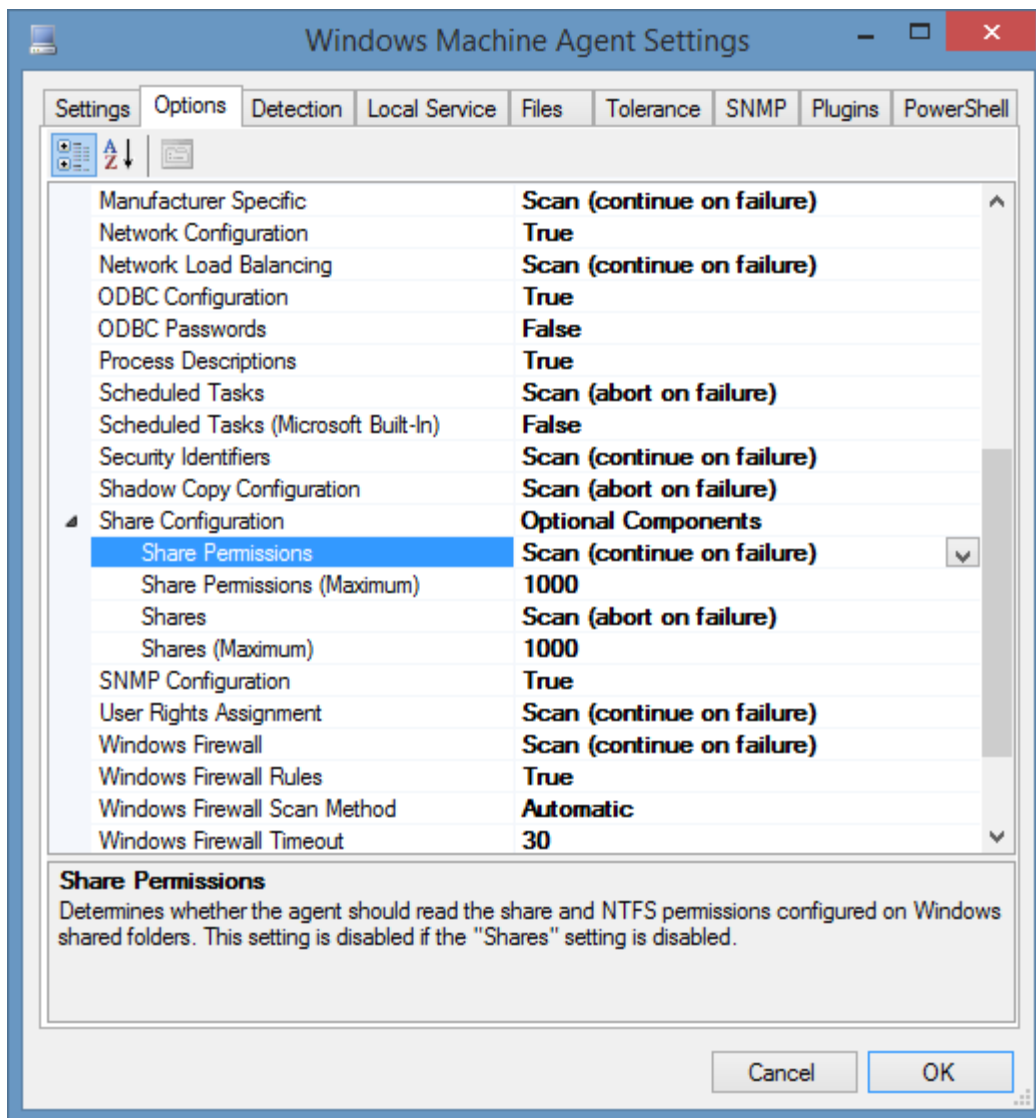
T00321 - BREAKING: The Azure tenant agent now requires the version 4.0.0 or above Azure PowerShell cmdlets.

There have been breaking changes in the Azure PowerShell cmdlets, the XIA Configuration Client has been updated to support this new version of the cmdlets, however this version is now the minimum version supported.

Please ensure that you have installed the latest version of the Azure PowerShell cmdlets.

T00286 - BREAKING: The ClientInformation.Version has changed

Previously the version was stored using the dated XIAVersion class, which has now been replaced by the SerializableVersion class.

The system will automatically convert the data when importing from a classic (version 9.0 or older) client, however the ItemArchive table will not be automatically updated.

Users upgrading from previous versions of XIA Configuration Server should either

- Delete their previous version history

  - or -

- Execute the following on the SQL server **after** the upgrade but **before** any new items are created, or existing items updated with a version 9.1 agent. This can be time consuming and should be performed only after a fully system and database backup has been taken.

```
BEGIN TRANSACTION

UPDATE ItemArchive
SET ArchiveData.modify('
insert (
                attribute Major { /*/ClientInformation/Version/Major[1] },
                attribute Minor { /*/ClientInformation/Version/Minor[1] },
                attribute Build { /*/ClientInformation/Version/Build[1] }
        )
into (/*/ClientInformation/Version)[1] ')


UPDATE ItemArchive
SET ArchiveData.modify('
 delete (/*/ClientInformation/Version/Major[1],
            /*/ClientInformation/Version/Minor[1],
            /*/ClientInformation/Version/Build[1])')


COMMIT TRANSACTION
```