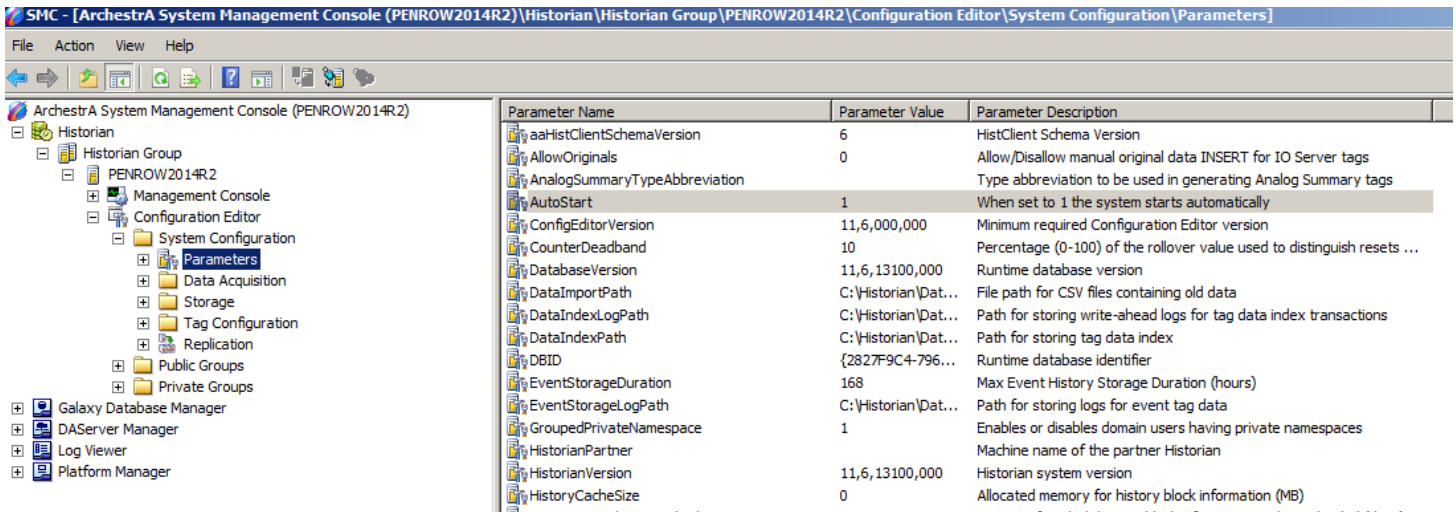


3 Quick Wonderware Historian Tips

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1. How to Configure Historian for Auto Start

In the System Management Console. Navigate to your Historian server -> Configuration Editor -> System Configuration -> Parameters. You are looking for the AutoStart parameter. Make sure that parameter is set to 1. If not change the value to 1 and be sure to commit the changes.



The screenshot shows the ArchestrA System Management Console (SMC) interface. The title bar reads "SMC - [ArchestrA System Management Console (PENROW2014R2)\Historian\Historian Group\PENROW2014R2\Configuration Editor\System Configuration\Parameters]". The left-hand tree view shows the navigation path: Historian > Historian Group > PENROW2014R2 > Configuration Editor > System Configuration > Parameters. The main pane displays a table of parameters, with the "AutoStart" parameter highlighted.

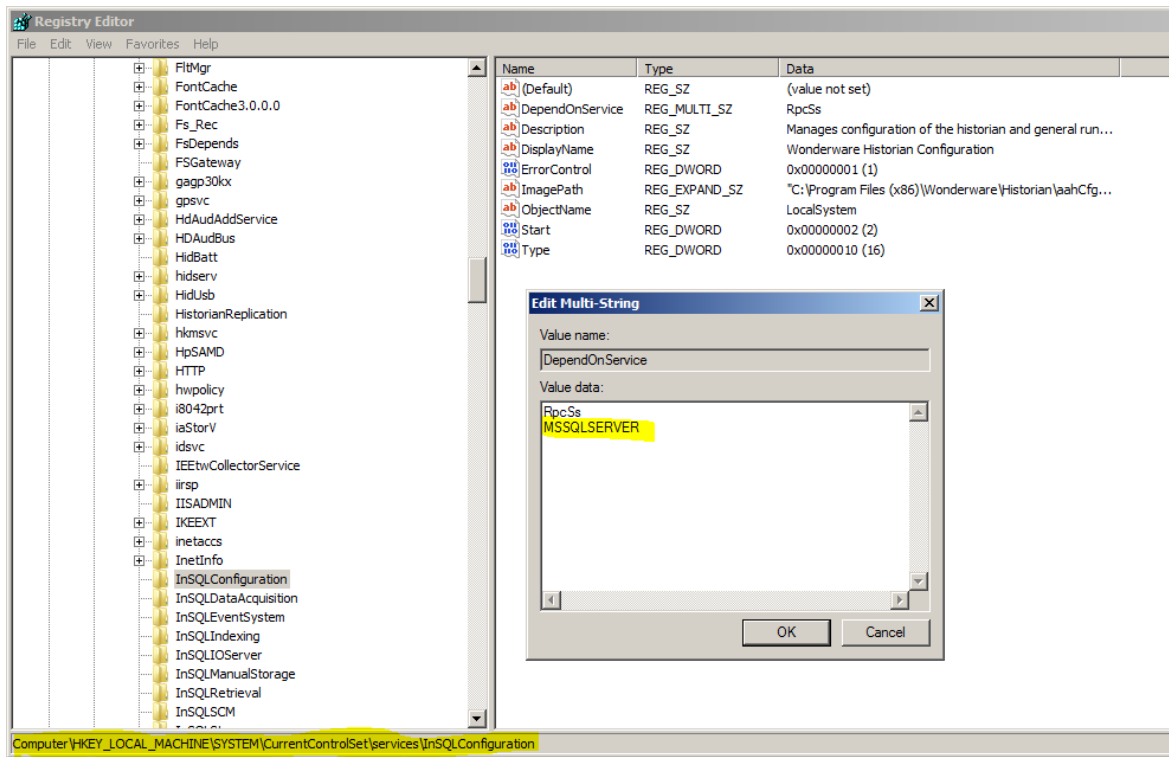
Parameter Name	Parameter Value	Parameter Description
aaHistClientSchemaVersion	6	HistClient Schema Version
AllowOriginals	0	Allow/Disallow manual original data INSERT for IO Server tags
AnalogSummaryTypeAbbreviation		Type abbreviation to be used in generating Analog Summary tags
AutoStart	1	When set to 1 the system starts automatically
ConfigEditorVersion	11,6,000,000	Minimum required Configuration Editor version
CounterDeadband	10	Percentage (0-100) of the rollover value used to distinguish resets ...
DatabaseVersion	11,6,13100,000	Runtime database version
DataImportPath	C:\Historian\Dat...	File path for CSV files containing old data
DataIndexLogPath	C:\Historian\Dat...	Path for storing write-ahead logs for tag data index transactions
DataIndexPath	C:\Historian\Dat...	Path for storing tag data index
DBID	{2827F9C4-796...	Runtime database identifier
EventStorageDuration	168	Max Event History Storage Duration (hours)
EventStorageLogPath	C:\Historian\Dat...	Path for storing logs for event tag data
GroupedPrivateNamespace	1	Enables or disables domain users having private namespaces
HistorianPartner		Machine name of the partner Historian
HistorianVersion	11,6,13100,000	Historian system version
HistoryCacheSize	0	Allocated memory for history block information (MB)



2. How to configure the Historian to be dependent on the SQL Service.

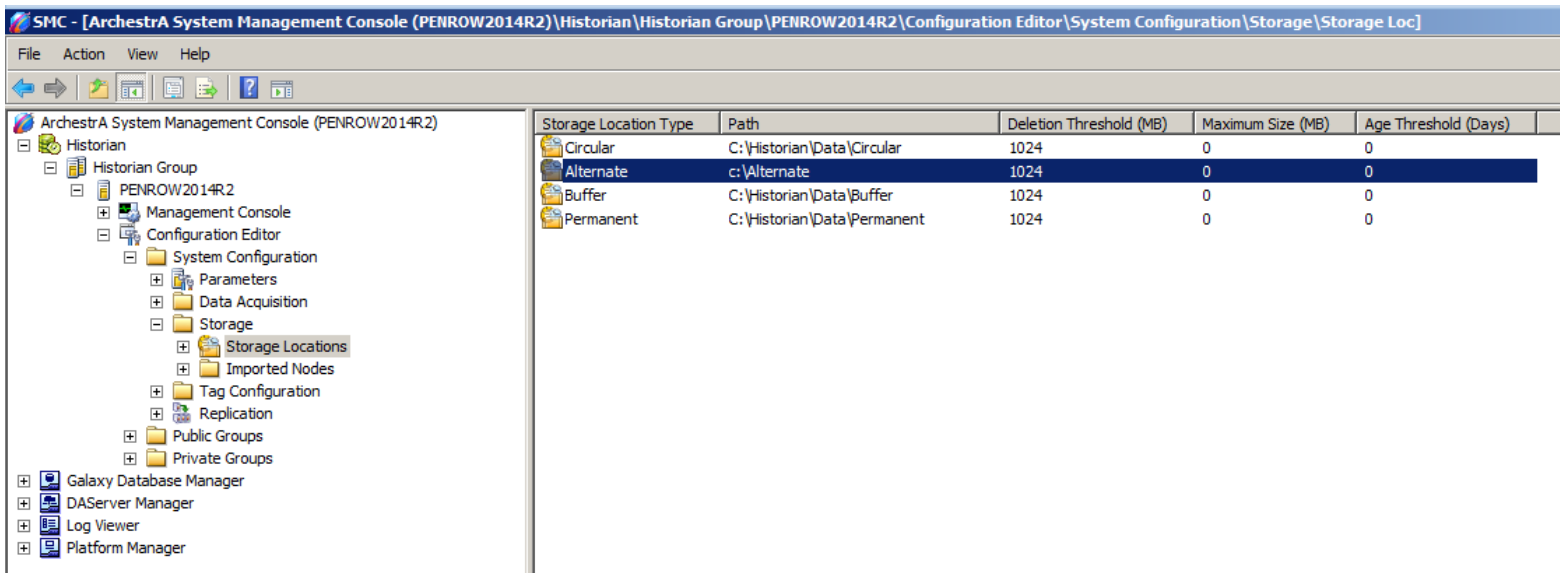
If SQL Server starts up slowly for some reason, we have seen cases where Historian fails to auto-start. To prevent this, add a dependency to Historian so it waits on SQL Server. Run the registry editor.

Browse to HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\InSQLConfiguration. Edit the DependOnService multistring value. Append the string "MSSQLSERVER" to the list. Now on a reboot the Historian will wait until SQL Server is running before attempting to start.



3. How to configure the alternate storage location in Historian

By default your Historian has no alternate storage location defined. This means if you run out of disk space, there is no place to fail over to and Historian stops. In the System Management Console. Navigate to your Historian server -> Configuration Editor -> System Configuration -> Storage -> Storage Locations. You are looking for the Alternate storage location type. Edit the Path to be a location valid on your local computer or network. Be sure to commit the changes when you are finished editing.



The screenshot displays the ArchestrA System Management Console interface. The left-hand pane shows a hierarchical tree view of the system configuration, with 'Storage Locations' selected under the 'Storage' folder. The right-hand pane shows a table of the configured storage locations.

Storage Location Type	Path	Deletion Threshold (MB)	Maximum Size (MB)	Age Threshold (Days)
Circular	C:\Historian\Data\Circular	1024	0	0
Alternate	c:\Alternate	1024	0	0
Buffer	C:\Historian\Data\Buffer	1024	0	0
Permanent	C:\Historian\Data\Permanent	1024	0	0

