

Summary:

The Wonderware DA Servers, in this case the Allen-Bradley Server DASABCIP, have their configuration details stored in a file that can backed up, and even moved to a new PC as well as utilized with the newer Operation Integration Servers (OI Servers).

This Tech Note will walk you through the process of moving the configuration file from the original DAServer to the newer OI Server.

Procedure:

NOTE: It is recommended that you are using DASABCIP.5 when converting as this is the latest version of the DA ABCIP server but it has also been known to work with DASABCIP.4 as well.

1. Deactivate the DASABCIP Service in the System Management Console. If OI Core is not installed, then you will find the DASABCIP under DA Server > Default Group > Local.

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 Historian Galaxy Database Manager Goperations Integration Server Manager Default Group Local P Operations Integration Sup Allen-Bradley - ABCIP Allen-Bradley - ABCIP OI.ABCIP.2 Configuration Wonderware - Gateway Wonderware - SIM 	er pervisory Servers	DASABCIP DASABCIP [Shell] Original DAS Toolkit DASEngine PlugInMQTT PlugInOPC PlugInDDESL
 ArchestrA.DASABCIP Configuration Configuration ENB_1 ENB_2 ENB_3 SLC500 CPLX 	Activate (Auto start after reboot) Activate until reboot (Manual start after reboot) Desktop mode (Must start from command line) Deactivate (Must be activated to run again) View > Export List Help	

2. Go to the following directory for the DA Server Configuration file: *C:\ProgramData\Wonderware\DAServer\DASABCIP*

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NOTE: The .aarul is contains information such as the default values for configuration parameters, allowed parent-child object relationships, number of allowed objects, etc. This should **not** be copied from an older version to a newer version and removal of this file could lead to corruption.

	a > Wonderware > DAServer	> DASABCIP	
Name ^	Date modified	Туре	Size
cipTagDB	3/31/2020 5:50 PM	File folder	
dasabcip.aacfg	4/2/2020 1-53 PM	AACEG Eile	4
ls 🖈 🔄 dasabcip.aarul	Open with		71
ts 🖈	Scan with Windows Defender		
*	Share		
	Restore previous versions		
	Send to	>	
	Cut		
y_Reposit(Сору		
	Create shortcut		
	Delete		
	Rename		
(1:)	Properties		

- 3. Copy the .aacfg file to an external location for backup purposes.
- 4. Take your copy of the .aacfg file and place it on the machine with OI Server installed in following directory: *C:\ProgramData\Wonderware\OI-Server\\$Operations Integration Supervisory Servers\$\OI.ABCIP\OI.ABCIP*
- 5. Rename the file so that it is labeled accordingly.

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		Name ^	Date modified	Туре	Size
📌 Quick access		ABCIP.AAcfg	3/14/2017 11:35 AM	AACFG File	2 KB
Desktop	*	ABCIP.AArul	4/2/2020 1:53 PM	AARUL File	66 KB
Downloads	A	DAConfig-1.aacfg	4/2/2020 1:53 PM	AACFG File	4 KB
Documents	Å	DAConfig-2.aacfg	4/2/2020 1:53 PM	AACFG File	4 KB
Pictures	A	DAConfig-3.aacfg	4/2/2020 1:53 PM	AACFG File	4 KB
1033		DAConfig-4.aacfg	4/2/2020 1:53 PM	AACFG File	4 KB
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NOTE: The default configuration is the abcip.aacfg so if this is a new OI install with no configurations you can overwrite the abcip.aacfg file and skip step 6.



Open the System Management Console and go to Operations Integration Server Manager > Default Group > Local
 > Operations Integration Supervisory Servers > Allen-Bradley – ABCIP > OI.ABCIP.2 and then right-click
 Configuration and then select Use Another Configuration Set.



7. The configuration will refresh and underneath the OI.ABCIP.2 Configuration there will be your port, connections, backplanes, device groups, etc.

Gradients integration Supervisory Servers Allen-Bradley - ABCIP	Processor Type:	ControlLogix / GuardLogix / SoftLogix
 Image: OI.ABCIP.2 Image: Amage: Amage:	Slot Number:	0
✓ ✓ Default_Port ✓ ✓ ✓ ENB_1	Reply Timeout:	15 sec
BP_1	Max CIP Connections:	4
	Optimization:	Optimize for Read