

Application Note

Changing APPolo Control configuration settings in GUI and LYNX servers

Revision 1.1 April 2014

My Computer Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutana Mutanaa Mutana Mutana Mutana Mutan	
Status HetSync Systems Events Combigarition Logilles This page shows all user excessible configuration values of this server application. Coulde clob any live in the last to edit the value, or use the right muse button. Please modify settings only if you know exactly what you are the clot figuration of the server application. Second particular in the last to edit the value, or use the right muse button. Please modify settings only if you know exactly what you are the clot figuration. Second particular in the last to even preformance requires to an originate loss of functionality. Second particular in the last to even preformance requires to an originate loss of functionality. Second particular in the last to even planets or complete loss of functionality.	
This page shows all user-accessible configuration values of this server application. Coulde click on any line in the lot to edit the value, or use the right mouse button. Please modify settings only if you linese exactly what you are enter the Config.Lot.	
Couldie dat an any line in the list to edit the value, or use the right muse button. Please modify settings only if you know exactly solutions are enter Configuration daring. Micro-flavation can lead to server performance reparts or complete liss of functionality.	
	14.7
COLLECT MAD/TIMANCE DIFCEMENTON FILLS. Unit Collect a large amount of inter-	
DEVICE, AUTO, RESCAN, PENDO 0 - user Number of seconds that must b	
DEVICE_LOST_MESEAGES \$ user Number of unrepled ressages	
DEVICE_LOST_TPHEOUT 8 - user Telenut in seconds until a conte	
PACTOR/DEFALLY VIDEO REPERENCE Select factory default source of	
G.I. SACLE CLEVENT SET New Backup Fe user set system Pershedly stars last selected t	
OLE MOLE SHOT LEAR JOINT THE - Like Point to have their rectance	
GLE DEVO PLOSE TRUE CALL PLOSE	
Construction Construction and the Construction of the Construction	
ALC PUT STATE OF THE STATE OF T	
Did General International Table	
OLE SCH UNDERSTRATE THE . Law Day by the structure design have	
GLE DECK TOOLANE THE . Later Deck and The Part of the	
GLEROX JOANA IONNES the use set use Stock O Names of parameters	
GLE_PEVIL_LERDEPTINE FALSE - user Show the safer device there is	
GL_TREE_FESTORY_DEPTH 100 - saler Number of entries in the hadron	
LOCATE_TIME 600 - unler When starting a device's Locate	
LOPIE MALBACUP 8	
LODY 12 MAX 5122 Begin and/or b	
Productor press rules and product 204371 General Product Produ	
Protect process process as percent process of the second process o	
Provide Annalise Contraction C	

Following you will find some step by step instructions which will explain how configuration settings can be changed in the APPolo Control System.

© 2013 LYNXTechnik AG all rights reserved

1 Changing APPolo Control GUI configuration settings

- Open the APPolo Control GUI.
- Click on "MyComputer" in the left device tree.

🔀 LYN	IX APPolo Control GUI (release 7.1.0)	- Main Control								
File	Device View Tools Styles Help						LYNXT	echnik 🗚 G		
	 ← → Find Device in Structural ↓ 1 → My Computer 	Connectio	My Computer							
		Status	HotSync Sys	stem Events Configuration	Logfiles			Ē		
٩		Scanning:	done							
•		Server Type Version: Platform:	: LYNX APPolo Con RELEASE 7.1.0 (bu Microsoft Windows	trol GUI ild 584, Oct 29 2013, 10:20:22) : 7 Professional Service Pack 1, 64-b	oit (build 7601)					
		5 								
			Event Log				X Clear Filter	🐩 Clear Log		
	Local Time Ser	rver Time	Level	Device	Position	Message				
	4							в		
Ready										

Figure 1 Select MyComputer

• Click on the "Configuration-TAB" on the right side.

🔀 LY	NX APPolo Control GUI (release 7.1.0) - Main Control					
File	Device View Tools Styles Help					LYNX Technik AG
3	Find Device in Structural Tree Hy Computer	Connection				Status connected
		Status HotSync System Event	s Confi	iguration	Logfiles	
		This page shows all user-accessible configure	ation values	of this server a	polication.	
9		Double click on any line in the list to edit the what you are doing. Misconfiguration can lea	value, or us ad to severe	e the right mou performance in	. · se button. Please modify settings only if you know exactly npacts or complete loss of functionality	Filter Config List X Clear Filter
			Value	St Scope	Description	
		ASSETDB_OFFLINE			Application stays offline does not try to conne	ct to LYNX Technik AG over Internet
		BACKUP_DELETE_CHECK_ADMINLOGIN			Specify whether or not the system shall ask fo	r the admin login before deleting a backup file
		BACKUP_STORAGE	public	- user	All backup data is stored to the location specifi Time in seconds uptil a backup (centers operation	ed here (full path or one of the following keywords
		BACKUP TIMEOUT LISING C2		- user	Time in seconds until a backup/restore operation	on times out when waiting for success (reading/with)
		COLLECT_MAINTENANCE_INFORMATION			Collect a large amount of internal information i	n the application logfile. This switch should only be
		DEVICE_AUTO_RESCAN_PERIOD		- user	Number of seconds that must have passed by	before a device triggers an automatic rescan of all
		DEVICE_LOST_MESSAGES		- User	Number of unrepiled messages until a controller Timeout in seconds until a controller device is d	r device is declared as lost . This will then trigger a leclared as lost'. This will then trigger a removal fr
		FACTORYDEFAULT_VIDEO_REFERENCE		- user	Select factory default source of reference inpu	t. This setting (if modified from the empty default)
		GUI_BACKUP_SHOW_USAGE_HINTS			show the 'usage hints' section in Backup/Resto	
		GUI_SHOW_CLOSEDIALOG	TRUE	- user	Show a dialog before closing the LYNX APPolo	Control GUI
		GUT_SHOW_EMPTY_SLOTS	TRUE	- User	Spectry whether or not the empty slots in a ma Show the Event Log in "LYNX APPolo L Control i	me shall be visualized in the UI as empty or instea GUIT
		GUI_SHOW_LYNXDEVICETREE	TRUE	- user	Show the structural device tree in "LYNX APPol	o Control GUI"
1		GUI_SHOW_TOOLBAR			Show the Tool Bar in "LYNX APPolo Control GL	
		GUI_SHOW_UIPARAM_RCPNAMES	false	- user	Show RCP Names of parameters in the params	tab of the devices
		GUI TREE HISTORY DEPTH	100	- user	Number of entries in the history of selected tre	ee-enries. This history can be navigated with the E
		LOCATE_TIME			When starting a device's Locate function (flash	yellow Master LED), the device will resume normal
		LOGFILE_MAX_BACKUP			Whenever the application is started, a new log	file (filename: appname.logfile.txt) will be created
		PEMOTE TRADDRESSES ALLOWED		- User	Begin writing a new loghle when this many byte If not empty: The application's IP based remot	es have been written to the current logfile. In this
		REMOTE MAX DELAY OPEN		- user	Maximum delay [minutes] from program start u	antil the remote control channels are opened up for
		REMOTE_TIMEOUT_SUBSCRIPTION			If no remote command has been received from	a controlling client for this many seconds, then all
		SHOW_USB_PROGRAMMER_SETTINGS	FALSE	- user	Specify whether or not to show the advanced	settings for the USB Programmer
		LIT VERTEY TIMEOLIT MSEC	2000	- User	wait this amount of msecs after modifying a va	tor Privileoges for modifying the User Access Righ
		set new key / value:				
		Event Log				Clear Filter 👔, Clear Log
	Local Time Server Time	Level Device		Position	Message	
Γ_						

Figure 2 Open GUI Configuration-TAB

- Type in the key / value pair in the two text fields on the bottom (see Figure 3).
 - Key
 - Value
 - Apply settings with the "Apply"-Button.

🔀 LYN	IX APPolo Control GUI (release 7.1.0) - Main Control									- 🗆 <mark>- X</mark>	
File	Device View Tools Styles Help									LYNX	Technik 🗚 G	
	Find Device in Structural Tree	♦ ↑	ion							Status connected		
	 ^LMy Computer 	<u></u>	9 My Computer									
		Status	HotSync	System Events	Config	guratio	n Log	gfiles				
		This page	shows all user-a	ccessible configurat	ion values o	of this se	rver appli	ication.				
		Double clie modify se severe pe	Double click on any line in the list to edit the value, or use the right mouse button. Please modify settings only if you know exactly what you are doing. Misconfiguration can lead to severe performance impacts or complete loss of functionality								🗙 Clear Filter	
		Key			Value		Scope		Description		-	
		ASSETDB BACKUP BACKUP BACKUP COLLECT DEVICE_J DEVICE I	_OFFLINE DELETE_CHECK STORAGE TIMEOUT_NODA TIMEOUT_USING AUTO_USING AUTO_RESCA 	ADMINLOGIN TA 5 C2 INFORMATION VERIOD 5	FALSE TRUE public 15 60 FALSE 0 5	- u: - u: - u: - u: - u: - u: - u:	ser ser ser ser ser ser ser		Application stays off Specify whether or n All backup data is sto Time in seconds until Collect a large amou Number of seconds t Number of unreplied	line does not try to cor not the system shall ask ored to the location spe a backup/restore oper a backup/restore oper nt of internal informatic hat must have passed messages until a contr	nect to LYN t for the ad cified here ation times ation times on in the op by be Ca oller device	
			Event Lo	9						Clear Filter	🐩, Clear Log	
	Local Time S	erver Time	Level	Device			Position		Message			

Figure 3 Enter key/value – pair

- Restart the APPolo Control GUI (close and open).
- Now the configuration setting is active and can be found in the configuration-key list on the "Configuration" TAB.

2 Changing APPolo Control Server configuration settings

- Open the APPolo Control GUI.
- Click on the IP address of the LYNX server on which the configuration setting have to be applied.

🔀 LY	NX APPolo Control GUI (release 7.1.0) - Main Control							. D X
File	Device View Tools Styles Help						LYNX	Fechnik 🗚 🔒
	🗧 🔿 🛛 Find Device in Structural Tree 🛛 🗣 🎓	Connection				Position	Status	
	My Computer	1	omoto Server: ~	102 168 1 18			Connected	
	- 192, 100, 1, 10	* *		192.100.1.10		Go to host Controller		
		SERVER_502						
		Status	lotSync System Events	Configuration Logfile	es Web Interface			
Ð		Connection:	connected					
		Scanning	done					
		Contining						
		Server Type: Version: Platform: Web Interface Serial Number:	SERVER_5023 RELEASE 7.0.0 (build 579, Sep 25 COLIBRI_579 http://192.168.1.18 N/A	2013, 10:48:56)				
								Restart
			Event Log				Clear Filter	🔒, Clear Log
	Local Time Le	evel	Device	Position Messag	je			Details
1								

Figure 4 Select LYNX Server

• Click on the "Configuration"-TAB on the right side.

LYNX APPolo Control GUI (release 7.1.0) - Main Control									
File Device View Tools Styles Help				LYNXTechnik AG					
Find Device in Structural Tree Find Device in Structural Tree Find Device in Structural Tree Find Device in Structural Tree	Connection Remote Server < SERVER_5023	Position Status Connected							
	Status HotSync System Events Access This page shows all user-ac Read-Only Double click on any Ine in this more exactly what you are functionality	Status HotSync System Events Configuration Logfiles Web Interface Access This page shows all user-accessable configuration values of this server application. This page shows all user-accessable configuration values of this server application. Read-Ority Double clads on any line in the list to edit the value, or use the right mouse button. Please modify settings only if you jonn earch, which you are doing, Misconfiguration can lost server performance impacts or complete loss of							
	Key AUTOCONTROLLOCK TIMEOUT BACUE TIMEOUT JOORTA BACUE TIMEOUT JOORTA COLLECT_MAINTENACE JPEOPONATION COLLECT_MAINTENACE JPEOPONATION COLLECT_MAINTENACE JPEOPONATION DEVICE_LOST_IMESAGES DEVICE_LOST_IMESAGES DEVICE_LOST_IMESAGES DEVICE_LOST_IMESAGES DEVICE_LOST_IMESAGE DEVICE_LOST_IMESAGE DEVICE_LOST_IMESAGE DEVICE_LOST_IMESAGE PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_COLORS PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PARE_BOX_TO_CONTROL_UPERAGES PAR	Value St Scope 10 - user 15 - user 60 - user 70 - user 8 - user 8 - user 9 - user 9 - user 9 - user 9 - user 1000000 - user - user - 5 - user 500hott - user 10 - user	Description The in seconds until a backop/estore oper Time in seconds until a backop/estore oper time in seconds until a contaclification of the Backet a large associated for the second of the Backet of uncepted messages until a cont the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the second of the second of the second of the the second of the second of the second of the second of the the second of the second of the sec	ration times out when waiting for access (reading) writing on in the spatiation logit. The writing the out of the spatiation logit. The writing the spatiation logit is the out of the spatiation logit. The writing the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spatiation logit is the spati					
Select Device	Event Log			Events X Clear Filter					
Local Time Server Time Lev	el Device	Position Message		Details					
s									

Figure 5 Open LYNX server configuration TAB

- Type in the key / value pair in the two text fields on the bottom (seeFigure 6).
 - Key
 - Value
 - Apply settings with the "Apply"-Button

🔀 LYN	IX APPolo Control GUI (release 7.1.	0) - Main Cont	rol								- 0 <mark>- X -</mark>
File	Device View Tools Styles Help	5								LYNX	Technik 🗚 G
	♦ ➡ Find Device in Structural Tree		Connection					Position		Status	
	 My Computer 192, 168, 1, 18 		SERVER_5023	ote Server: <	Go to host	t Controller					
			Status HotSyn	System Events	Configurati	on Logfil	les Web Interf	ace			1
			Access Read-Only Get temp. Admin Rights	This page shows all user-ao Double click on any line in t modify settings only if you severe performance impact	cation. utton. Please on can lead to			🗶 Clear Filter			
			Кеу		Value	St Scope	e Descr	ription			
			AUTOCONTROL_LOCI BACKUP_TIMEOUT_UI BACKUP_TIMEOUT_UI COLLECT_MAINTENAI DEVICE_AUTO_RESCI DEVICE_LOST_MESSA DEVICE_LOST_TIMEO	C_TIMEOUT DDATA SING_C2 INCE_INFORMATION IN_PERIOD GES UT	10 15 60 FALSE 0 5 8	- user - user - user - user - user - user - user	Time ir Time ir Collect Numbe Numbe Timeou	n seconds until a bad n seconds until a bad t a large amount of ir er of seconds that m er of unre <mark>n Bi</mark> nnessa ut in seconds until a d	kup/restore ope kup/restore ope nternal informat ust have passed ages until a cont controller device	ration times out wh ration times out wh ion in the applicatio d by before a device roller device is decl is declared as 'lost	hen waiting hen waiting n logfile. Th e triggers a ared as c. t. This waiter
			set new key / value:								🗸 Apply
				Event Log						Clear Filter	, Clear Log
	Local Time	Server Time	Level	Device	Pos	ition	Message				
											•

Figure 6 Enter key / value - pair

• Restart the LYNX server by clicking on the status-TAB and then on the "Restart"-Button (see Figure 7).



Figure 7 Restart LYNX server

• Now the configuration setting is active and can be found in the configuration-key list on the "Configuration" – TAB.