

AJA KUMO Router Control

1/22/2024

PURPOSE

This document is intend to help automate the switching of inputs and outputs in an AJA KUMO router.

ROUTER CONFIGURATION

The commands will be sent over the network so the KUMO router must have Ethernet enabled and configured. *The values used in this screen shot will be different in your configuration.*

😾 AJA eMini-Setup	– 🗆 X
File Edit Help	
	KUMO 1616-12G-1RT702552 - 1RT702552 -
	Connected
KUMO [®] 1616-12G	USB Config
	Connected
Version: 4.7.0.104 Sn: 1 Network Info	RT702552
IP Address Type: Static Static IP Address: 192.168.86.210 192.168.86.210 Subnet Mask: 255.255.255.0 255.255.255.0 Gateway: 192.168.86.1 192.168.86.1	MAC Address: 00:0C:17:0F:08:04
Apply	Open Web Page
Connected to module	

SALVO SETUP

The AJA KUMO Router uses the term "Salvos" to represent the concept of pre-saved routing tables. There are up to 8 Salvos supported.

Create your desired routing tables as needed for your project. The Salvo can be renamed, but as far as control is concerned it will be refereed to as Salvo1 no matter what test description has been set to.

KUMO [®] 1616-12G																	
HOME CONFIGURATION SALVOS	NET	rworł	۲	FIRMWARE			ALARMS		IDENTIFY			Reference:					
KUMO 1616-12G-1RT702552																	
Salvo Buttons																	
1 2 3 4 5 Salvo 1 Salvo 2 Salvo 3 Salvo 4 Salvo 4	o 5	6 Salvo	o 6	7 Salv	/0 7	8 Sal	lvo 8					Ch	ange	e Sal	vo N	ame:	Salvo 1
Load Current Routes Load Selected Salvo		Clear S	Select	ions													Save Routes to Salvo
Salvo Editor																	
Source Destinations																	
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	Õ	Õ	Õ	Õ	Õ	Õ	õ	Õ	Õ	Õ	õ	Õ	Õ	õ	Õ	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i																	

LOADING A SALVO

A Salvo can be loaded using REST, so this gives us several options.

The syntax of the URL is: http://ROUTERIP/config?action=set¶mid=eParamID_TakeSalvo&value=SALVONUMBER

Example of loading Salvo 2:

http://192.168.86.210/config?action=set¶mid=eParamID_TakeSalvo&value=2

Calling this URL can be done in several ways:

1) Create an external command button in LaunchPad

Kings Connection Datas Kings Connection Datas Connection Datas Connection Datas Connection Datas Connection Datas Connection Datas Connection Datas Connection Datas	e6
Kings Ennes Since FAddress Connex Type Page 100100 1 Totels Post Totel Visit Page 100110 1 Pass The Brieves Connexids (in H2) Totel Visit Page 001101 0 Pass The Brieves Connexids (in H2) Totel Visit Page	86
O I I I I O Connection Details	
In the second seco	
Command #3	
Command #4	
NOTE: For HTTP GET, enter the MU URL of the endpoint. Example: http://www.severc.com/sevice.php?val=123	

2) Create a script saved into LaunchPad's StartUp Folder.

Create a text file using Notepad.exe and paste the following text

"C:\Program Files (x86)\Google\Chrome\Application\chrome.exe" "<u>http://192.168.86.210/config?</u> action=set¶mid=eParamID_TakeSalvo&value=2"

Update the actual values based on your needs.

Save as "LoadAJASlavo2.bat" (Or any other name as long as .bat is extention)

Copy to <u>D:\LaunchPad</u> Content\<SYSTEM_NAME>\<PROFILE_NAME>\StartUp

NOTE: Each Profile will need a copy of the BAT file in it's StartUp folder. They can all be the same or different based on your needs.