Table CNS II-CARSAM-1

ATN IPv4 ADDRESSING SCHEME

Version 0 of 2 Oct 2026, no PfA (initial baseline). Part I - NAM/CAR: 74 address lines (38 address ranges); Part I - SAM: 44 address lines (22 address ranges); Part II - NAM/CAR: 232 address lines (58 subnets); Part II - SAM: 180 address lines (45 links). Source file: Table CNS II-5.docx (1 Jul 2026).

For evaluation. This table was extracted from the Word file of the current edition and has not yet been verified by the responsible Officer.

INTER/ INTRA REGIONAL G-G LINKS FOR NAM/CAR/SAM REGIONS

Because of the limited availability of public IPv4 addresses, the Caribbean and South American Regions, as approved by GREPECAS/14 Meeting, agreed to use a 24-bit block IPv4 private address space in the following address format:

8 bits	4 bits	7 bits	13 bits
Private Addr			
Prefix (010)	Region ID	State/Territory	

NAM/CAR/SAM IPv4 Address Format

The first byte of the address contains the fixed decimal value 10. The next 4 bits of the address are used to identify the

ICAO Office for region:

0000 SAM: South American Office.
0001 NAM/CAR: North American, Central American and Caribbean Office.
0010 APAC: Asia and Pacific Office.
0011 MID: Middle East Office.
0100 WACAF: Western and Central African Office.
0101 ESAF: Eastern and Southern African Office.
0110 EUR/NAT: European and North Atlantic Office.

The next 7 bits indicate the State or Organization within the region. Refer to the Caribbean and South American IPv4 addressing plan [1]
for assigned values of this field.

The final 13 bits of the address are partitioned by local policy depending on the number of subnets and individual hosts in the State or Organization.

Capacity: 16 regions, 128 States/Territories per Region and 8190 Hosts per State/Territory

Applying this format, for the NAM/CAR regions the expected addresses ranges will be:

HostMin:	10.16.0.1
HostMax:	10.31.255.254

For example “Aruba”, its IPv4 addresses will be:

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation (Network, Region, State/Territory, Host)
1	Aruba (Kingdom of Netherlands)	10.16.0.0/19	HostMin: 10.16.0.1	10.16.0.1	00001010 0001 0000000 00000 00000001
			HostMax: 10.16.31.254	10.16.31.254	00001010 0001 0000000 11111 11111110

In the NAM/CAR Regions, there are 21 Contracting States, 1 non-contracting States and 11 territories, so this proposal contains 31 assigned ranges considering the territories of Puerto Rico and USA Virgin Islands under the range proposed for United States.

For all the rest available addresses, they are available and are labeled as “vacant”.

SAMPLE

The addresses range labeled as “Reserved” under the last line, No.128, shall be used for IPv4 interregional NAM/CAR/ SAM links in accordance to the GREPECAS regional agreements, as illustrated below:

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation (Network, Region, State/Territory, Host)
128 (Last)	RESERVADA	10.31.224.0/19	HostMin: 10.31.224.1	10.31.224.1	00001010 0001 1111111 00000 00000001
			HostMax: 10.31.255.254	10.31.255.254	00001010 0001 1111111 11111 11111110

In this respect we have on Part I the ranges assigned for each State/Territory and on Part II the interregional NAM/CAR/SAM links.

PART I- NAM/CAR Regions

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation			
					Network	Region	State/ Territory	Host
1	**Aruba**	10.16.0.0/19	HostMin: 10.16.0.1	10.16.0.1	00001010	0001	0000000	00000 00000001
			HostMax: 10.16.31.254	10.16.31.254	00001010	0001	0000000	11111 11111110
2	**Curacao**	10.16.32.0/19	HostMin: 10.16.32.1	10.16.32.1	00001010	0001	0000001	00000 00000001
			HostMax: 10.16.63.254	10.16.63.254	00001010	0001	0000001	11111 11111110
3	**Trinidad and Tobago**	10.16.64.0/19	HostMin: 10.16.64.1	10.16.64.1	00001010	0001	0000010	00000 00000001
			HostMax: 10.16.95.254	10.16.95.254	00001010	0001	0000010	11111 11111110
4	**Grenada**	10.16.96.0/19	HostMin: 10.16.96.1	10.16.96.1	00001010	0001	0000011	00000 00000001
			HostMax: 10.16.127.254	10.16.127.254	00001010	0001	0000011	11111 11111110
5	**Saint Vincent and the Grenadines**	10.16.128.0/19	HostMin: 10.16.128.1	10.16.128.1	00001010	0001	0000100	00000 00000001
			HostMax: 10.16.159.254	10.16.159.254	00001010	0001	0000100	11111 11111110
6	**Barbados**	10.16.160.0/19	HostMin: 10.16.160.1	10.16.160.1	00001010	0001	0000101	00000 00000001
			HostMax: 10.16.191.254	10.16.191.254	00001010	0001	0000101	11111 11111110
7	**Saint Lucia**	10.16.192.0/19	HostMin: 10.16.192.1	10.16.192.1	00001010	0001	0000110	00000 00000001
			HostMax: 10.16.223.254	10.16.223.254	00001010	0001	0000110	11111 11111110
8	**French Antilles**	10.16.224.0/19	HostMin: 10.16.224.1	10.16.224.1	00001010	0001	0000111	00000 00000001
			HostMax: 10.16.255.254	10.16.255.254	00001010	0001	0000111	11111 11111110
9	**Dominica**	10.17.0.0/19	HostMin: 10.17.0.1	10.17.0.1	00001010	0001	0001000	00000 00000001
			HostMax: 10.17.31.254	10.17.31.254	00001010	0001	0001000	11111 11111110
10	**Montserrat**	10.17.32.0/19	HostMin: 10.17.32.1	10.17.32.1	00001010	0001	0001001	00000 00000001
			HostMax: 10.17.63.254	10.17.63.254	00001010	0001	0001001	11111 11111110

SAMPLE

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation			
					Network	Region	State/ Territory	Host
11	**Saint Kitts and Nevis**	10.17.64.0/19	HostMin: 10.17.64.1	10.17.64.1	00001010	0001	0001010	00000 00000001
			HostMax: 10.17.95.254	10.17.95.254	00001010	0001	0001010	11111 11111110
12	**Antigua and Barbuda**	10.17.96.0/19	HostMin: 10.17.96.1	10.17.96.1	00001010	0001	0001011	00000 00000001
			HostMax: 10.17.127.254	10.17.127.254	00001010	0001	0001011	11111 11111110
13	**Anguilla**	10.17.128.0/19	HostMin: 10.17.128.1	10.17.128.1	00001010	0001	0001100	00000 00000001
			HostMax: 10.17.159.254	10.17.159.254	00001010	0001	0001100	11111 11111110
14	**Virgin Islands**	10.17.160.0/19	HostMin: 10.17.160.1	10.17.160.1	00001010	0001	0001101	00000 00000001
			HostMax: 10.17.191.254	10.17.191.254	00001010	0001	0001101	11111 11111110
15	**Dominican Republic**	10.17.192.0/19	HostMin: 10.17.192.1	10.17.192.1	00001010	0001	0001110	00000 00000001
			HostMax: 10.17.223.254	10.17.223.254	00001010	0001	0001110	11111 11111110
16	**Haiti**	10.17.224.0/19	HostMin: 10.17.224.1	10.17.224.1	00001010	0001	0001111	00000 00000001
			HostMax: 10.17.255.254	10.17.255.254	00001010	0001	0001111	11111 11111110
17	**Jamaica**	10.18.0.0/19	HostMin: 10.18.0.1	10.18.0.1	00001010	0001	0010000	00000 00000001
			HostMax: 10.18.31.254	10.18.31.254	00001010	0001	0010000	11111 11111110
18	**Cayman Islands**	10.18.32.0/19	HostMin: 10.18.32.1	10.18.32.1	00001010	0001	0010001	00000 00000001
			HostMax: 10.18.63.254	10.18.63.254	00001010	0001	0010001	11111 11111110
19	**Cuba**	10.18.64.0/19	HostMin: 10.18.64.1	10.18.64.1	00001010	0001	0010010	00000 00000001
			HostMax: 10.18.95.254	10.18.95.254	00001010	0001	0010010	11111 11111110
20	**Turks and Caicos Islands**	10.18.96.0/19	HostMin: 10.18.96.1	10.18.96.1	00001010	0001	0010011	00000 00000001
			HostMax: 10.18.127.254	10.18.127.254	00001010	0001	0010011	11111 11111110
21	**Bahamas**	10.18.128.0/19	HostMin: 10.18.128.1	10.18.128.1	00001010	0001	0010100	00000 00000001
			HostMax: 10.18.159.254	10.18.159.254	00001010	0001	0010100	11111 11111110
22	**Bermuda**	10.18.160.0/19	HostMin: 10.18.160.1	10.18.160.1	00001010	0001	0010101	00000 00000001
			HostMax: 10.18.191.254	10.18.191.254	00001010	0001	0010101	11111 11111110
23	**Costa Rica**	10.18.192.0/19	HostMin: 10.18.192.1	10.18.192.1	00001010	0001	0010110	00000 00000001
			HostMax: 10.18.223.254	10.18.223.254	00001010	0001	0010110	11111 11111110

SAMPLE

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation			
					Network	Region	State/ Territory	Host
24	**Nicaragua**	10.18.224.0/19	HostMin: 10.18.224.1	10.18.224.1	00001010	0001	0010111	00000 00000001
			HostMax: 10.18.255.254	10.18.255.254	00001010	0001	0010111	11111 11111110
25	**El Salvador**	10.19.0.0/19	HostMin: 10.19.0.1	10.19.0.1	00001010	0001	0011000	00000 00000001
			HostMax: 10.19.31.254	10.19.31.254	00001010	0001	0011000	11111 11111110
26	**Honduras**	10.19.32.0/19	HostMin: 10.19.32.1	10.19.32.1	00001010	0001	0011001	00000 00000001
			HostMax: 10.19.63.254	10.19.63.254	00001010	0001	0011001	11111 11111110
27	**Guatemala**	10.19.64.0/19	HostMin: 10.19.64.1	10.19.64.1	00001010	0001	0011010	00000 00000001
			HostMax: 10.19.95.254	10.19.95.254	00001010	0001	0011010	11111 11111110
28	**Belize**	10.19.96.0/19	HostMin: 10.19.96.1	10.19.96.1	00001010	0001	0011011	00000 00000001
			HostMax: 10.19.127.254	10.19.127.254	00001010	0001	0011011	11111 11111110
29	**Mexico**	10.19.128.0/19	HostMin: 10.19.128.1	10.19.128.1	00001010	0001	0011100	00000 00000001
			HostMax: 10.19.159.254	10.19.159.254	00001010	0001	0011100	11111 11111110
30	**United States**	10.19.160.0/19	HostMin: 10.19.160.1	10.19.160.1	00001010	0001	0011101	00000 00000001
			HostMax: 10.19.191.254	10.19.191.254	00001010	0001	0011101	11111 11111110
31	**Canada**	10.19.192.0/19	HostMin: 10.19.192.1	10.19.192.1	00001010	0001	0011110	00000 00000001
			HostMax: 10.19.223.254	10.19.223.254	00001010	0001	0011110	11111 11111110
32	**Sint Maarten**	10.19.224.0/19	HostMin: 10.19.224.1	10.19.224.1	00001010	0001	0011111	00000 00000001
			HostMax: 10.19.255.254	10.19.255.254	00001010	0001	0011111	11111 11111110
33	**VACANT**	10.20.0.0/19	HostMin: 10.20.0.1	10.20.0.1	00001010	0001	0100000	00000 00000001
			HostMax: 10.20.31.254	10.20.31.254	00001010	0001	0100000	11111 11111110
34	**VACANT**	10.20.32.0/19	HostMin: 10.20.32.1	10.20.32.1	00001010	0001	0100001	00000 00000001
			HostMax: 10.20.63.254	10.20.63.254	00001010	0001	0100001	11111 11111110
35	**VACANT**	10.20.64.0/19	HostMin: 10.20.64.1	10.20.64.1	00001010	0001	0100010	00000 00000001
			HostMax: 10.20.95.254	10.20.95.254	00001010	0001	0100010	11111 11111110
-	**-**	-	-	-				
-	**-**	-	-	-				

SAMPLE

No.	State/Territory	Network	Usable addresses	Decimal notation	Binary notation			
					Network	Region	State/ Territory	Host
128 (Last)	**RESERVED**	10.31.224.0/19	HostMin: 10.31.224.1	10.31.224.1	00001010	0001	1111111	00000 00000001
			HostMax: 10.31.255.254	10.31.255.254	00001010	0001	1111111	11111 11111110

PART I- SAM Region

Number	State/ Territory	Network	Usable addresses	Decimal notation	Binary notation			
						Region	State/ Territory	Host's
1	**Argentina**	10.0.0.0 / 19	First	10.0.0.1	00001010	0000	0000000	00000 00000001
			Last	10.0.31.254	00001010	0000	0000000	11111 11111110
2	**Chile**	10.0.32.0 / 19	First	10.0.32.1	00001010	0000	0000001	00000 00000001
			Last	10.0.63.254	00001010	0000	0000001	11111 11111110
3	**Brazil**	10.0.64.0 / 19	First	10.0.64.1	00001010	0000	0000010	00000 00000001
			Last	10.0.95.254	00001010	0000	0000010	11111 11111110
4	**Uruguay**	10.0.96.0 / 19	First	10.0.96.1	00001010	0000	0000011	00000 00000001
			Last	10.0.127.254	00001010	0000	0000011	11111 11111110
5	**Paraguay**	10.0.128.0 / 19	First	10.0.128.1	00001010	0000	0000100	00000 00000001
			Last	10.0.159.254	00001010	0000	0000100	11111 11111110
6	**Bolivia**	10.0.160.0 / 19	First	10.0.160.1	00001010	0000	0000101	00000 00000001
			Last	10.0.191.254	00001010	0000	0000101	11111 11111110
7	**Peru**	10.0.192.0 / 19	First	10.0.192.1	00001010	0000	0000110	00000 00000001
			Last	10.0.223.254	00001010	0000	0000110	11111 11111110
8	**Ecuador**	10.0.224.0 / 19	First	10.0.224.1	00001010	0000	0000111	00000 00000001
			Last	10.0.255.254	00001010	0000	0000111	11111 11111110
9	**Colombia**	10.1.0.0 / 19	First	10.1.0.1	00001010	0000	0001000	00000 00000001
			Last	10.1.31.254	00001010	0000	0001000	11111 11111110

SAMPLE

Number	State/ Territory	Network	Usable addresses	Decimal notation	Binary notation			
						Region	State/ Territory	Host's
10	**Venezuela**	10.1.32.0 / 19	First	10.1.32.1	00001010	0000	0001001	00000 00000001
			Last	10.1.63.254	00001010	0000	0001001	11111 11111110
11	**Guyana**	10.1.64.0 / 19	First	10.1.64.1	00001010	0000	0001010	00000 00000001
			Last	10.1.95.254	00001010	0000	0001010	11111 11111110
12	**Surinam**	10.1.96.0 / 19	First	10.1.96.1	00001010	0000	0001011	00000 00000001
			Last	10.1.127.254	00001010	0000	0001011	11111 11111110
13	**French Guiana (Francia)**	10.1.128.0 / 19	First	10.1.128.1	00001010	0000	0001100	00000 00000001
			Last	10.1.159.254	00001010	0000	0001100	11111 11111110
14	**Panama**	10.1.160.0 / 19	First	10.1.160.1	00001010	0000	0001101	00000 00000001
			Last	10.1.191.254	00001010	0000	0001101	11111 11111110
-	**Vacant**	10.1.192.0 / 19	First	10.1.192.1	00001010	0000	0001110	00000 00000001
			Last	10.1.223.254	00001010	0000	0001110	11111 11111110
-	**Vacant**	10.1.224.0 / 19	First	10.1.224.1	00001010	0000	0001111	00000 00000001
			Last	10.1.255.254	00001010	0000	0001111	11111 11111110
-	**Vacant**	10.2.0.0 / 19	First	10.2.0.1	00001010	0000	0010000	00000 00000001
			Last	10.2.31.254	00001010	0000	0010000	11111 11111110
-	**-**	-	First	-				
			Last	-				
-	**-**	-	First	-				
			Last	-				
-	**-**	-	First	-				
			Last	-				
-	**-**	-	First	-				
			Last	-				
126 (Last)	**Reserved**	10.15.224.0 / 19	First	10.15.224.1	00001010	0000	1111111	00000 00000001
			Last	10.15.255.254	00001010	0000	1111111	11111 11111110

In the Word file each record of this part has two or four lines; the lines that only repeat a dash are not shown.

SAMPLE

PART II: IP PLAN FOR T-T ROUTERS BETWEEN STATES OF THE NAM/CAR REGION

Network / Red: 10.31.224.0/19

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
1	10.31.224.0/30	**Anguila**	E/CAR	Network Address	10.31.224.0/30
				Anguila	10.31.224.1/30
				Trinidad & Tobago (Piarco)	10.31.224.2/30
				Broadcast Address	10.31.224.3/30
2	10.31.224.4/30	**Antigua and Barbuda**	E/CAR	Network Address	10.31.224.4/30
				Trinidad & Tobago (Piarco)	10.31.224.5/30
				Antigua	10.31.224.6/30
				Broadcast Address	10.31.224.7/30
3	10.31.224.8/30	**Aruba (Kingdom of Netherlands)**	MEVA	Network Address	10.31.224.8/30
				Jamaica (Kingston)	10.31.224.9/30
				Aruba (Kingdom of Netherlands)	10.31.224.10/30
				Broadcast Address	10.31.224.11/30
4	10.31.224.12/30	**Bahamas / Nassau**	MEVA	Network Address	10.31.224.12/30
				Haiti (Port-au-Prince)	10.31.224.13/30
				Bahamas / Nassau	10.31.224.14/30
				Broadcast Address	10.31.224.15/30
5	10.31.224.16/30	**Barbados**	E/CAR	Network Address	10.31.224.16/30
				Barbados	10.31.224.17/30
				Trinidad & Tobago (Piarco)	10.31.224.18/30
				Broadcast Address	10.31.224.19/30
6	10.31.224.20/30	**Belize**	CAMSAT	Network Address	10.31.224.20/30
				Belice / Belize	10.31.224.21/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.22/30
				Broadcast Address	10.31.224.23/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
7	10.31.224.24/30	**British Virgin Islands - Tortola**	MEVA or other network	Network Address	10.31.224.24/30
				British Virgin Islands - Tortola	10.31.224.25/30
				United States (Atlanta)	10.31.224.26/30
				Broadcast Address	10.31.224.27/30
8	10.31.224.28/30	**Cayman Islands**	MEVA	Network Address	10.31.224.28/30
				Cayman Islands	10.31.224.29/30
				Jamaica (Kingston)	10.31.224.30/30
				Broadcast Address	10.31.224.31/30
9	10.31.224.32/30	**Costa Rica (San José)**	CAMSAT	Network Address	10.31.224.32/30
				Costa Rica (San José)	10.31.224.33/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.34/30
				Broadcast Address	10.31.224.35/30
10	10.31.224.36/30	**Cuba / La Habana**	MEVA	Network Address	10.31.224.36/30
				Cuba (La Habana)	10.31.224.37/30
				Haiti (Port-au-Prince)	10.31.224.38/30
				Broadcast Address	10.31.224.39/30
11	10.31.224.40/30	**Cuba / La Habana**	MEVA	Network Address	10.31.224.40/30
				Cuba (La Habana)	10.31.224.41/30
				Jamaica (Kingston)	10.31.224.42/30
				Broadcast Address	10.31.224.43/30
12	10.31.224.44/30	**Cuba / La Habana**	MEVA	Network Address	10.31.224.44/30
				Cuba (La Habana)	10.31.224.45/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.46/30
				Broadcast Address	10.31.224.47/30
13	10.31.224.48/30	**Cuba / La Habana**	MEVA	Network Address	10.31.224.48/30
				Cuba (La Habana)	10.31.224.49/30
				México (Mérida)	10.31.224.50/30
				Broadcast Address	10.31.224.51/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
14	10.31.224.52/30	**Curazao**	MEVA	Network Address	10.31.224.52/30
				Curazao	10.31.224.53/30
				Dominican Republic	10.31.224.54/30
				Broadcast Address	10.31.224.55/30
15	10.31.224.56/30	**Curazao**	MEVA	Network Address	10.31.224.56/30
				Curazao	10.31.224.57/30
				Haiti (Port-au-Prince)	10.31.224.58/30
				Broadcast Address	10.31.224.59/30
16	10.31.224.60/30	**Curazao**	MEVA	Network Address	10.31.224.60/30
				Curazao	10.31.224.61/30
				United States (Atlanta)	10.31.224.62/30
				Broadcast Address	10.31.224.63/30
17	10.31.224.64/30	**Dominican Republic**	MEVA	Network Address	10.31.224.64/30
				Dominican Republic (Santo Domingo)	10.31.224.65/30
				Haiti (Port-au-Prince)	10.31.224.66/30
				Broadcast Address	10.31.224.67/30
18	10.31.224.68/30	**Dominican Republic / Santo Domingo**	MEVA	Network Address	10.31.224.68/30
				United States (Atlanta)	10.31.224.69/30
				Dominican Republic (Santo Domingo)	10.31.224.70/30
				Broadcast Address	10.31.224.71/30
19	10.31.224.72/30	**Dominica**	E/CAR	Network Address	10.31.224.72/30
				Dominica	10.31.224.73/30
				Trinidad & Tobago (Piarco)	10.31.224.74/30
				Broadcast Address	10.31.224.75/30
20	10.31.224.76/30	**El Salvador / San Salvador**	CAMSAT	Network Address	10.31.224.76/30
				El Salvador	10.31.224.77/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.78/30
				Broadcast Address	10.31.224.79/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
21	10.31.224.80/30	**French Antilles (Guadeloupe) / Point- a-Pitre**	E/CAR	Network Address	10.31.224.80/30
				French Antilles (Martinique) / Fort-de-France	10.31.224.81/30
				Trinidad & Tobago (Piarco)	10.31.224.82/30
				Broadcast Address	10.31.224.83/30
22	10.31.224.84/30	**French Antilles (Guadeloupe) / Point- a-Pitre**	E/CAR	Network Address	10.31.224.84/30
				French Antilles (Guadeloupe) / Point-a-Pitre	10.31.224.85/30
				Trinidad & Tobago (Piarco)	10.31.224.86/30
				Broadcast Address	10.31.224.87/30
23	10.31.224.88/30	**Grenada**	E/CAR	Network Address	10.31.224.88/30
				Grenada	10.31.224.89/30
				Trinidad & Tobago (Piarco)	10.31.224.90/30
				Broadcast Address	10.31.224.91/30
24	10.31.224.92/30	**Guatemala (La Aurora)**	CAMSAT	Network Address	10.31.224.92/30
				Guatemala (La Aurora)	10.31.224.93/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.94/30
				Broadcast Address	10.31.224.95/30
25	10.31.224.96/30	**Haiti / Port-au-Prince**	MEVA	Network Address	10.31.224.96/30
				Haiti (Port-au-Prince)	10.31.224.97/30
				Jamaica (Kingston)	10.31.224.98/30
				Broadcast Address	10.31.224.99/30
26	10.31.224.100/30	**Honduras / Tegucigalpa (COCESNA)**	CAMSAT	Network Address	10.31.224.100/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.101/30
				Honduras (San Pedro Sula)	10.31.224.102/30
				Broadcast Address	10.31.224.103/30
27	10.31.224.104/30	**Honduras / Tegucigalpa (COCESNA)**	CAMSAT	Network Address	10.31.224.104/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.105/30
				Panamá	10.31.224.106/30
				Broadcast Address	10.31.224.107/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
28	10.31.224.108/30	**Honduras / Tegucigalpa (COCESNA)**	CAMSAT	Network Address	10.31.224.108/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.109/30
				United States (Atlanta)	10.31.224.110/30
				Broadcast Address	10.31.224.111/30
29	10.31.224.112/30	**Honduras / Tegucigalpa (COCESNA)**	MEVA	Network Address	10.31.224.112/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.113/30
				México (Mérida)	10.31.224.114/30
				Broadcast Address	10.31.224.115/30
30	10.31.224.116/30	**Aruba (Kingdom of Netherlands)**	MEVA	Network Address	10.31.224.116/30
				Aruba (Kingdom of Netherlands)	10.31.224.117/30
				United States (Atlanta)	10.31.224.118/30
				Broadcast Address	10.31.224.119/30
31	10.31.224.120/30	**México / México**	TBD	Network Address	10.31.224.120/30
				México (México)	10.31.224.121/30
				United States (Atlanta)	10.31.224.122/30
				Broadcast Address	10.31.224.123/30
32	10.31.224.124/30	**Montserrat**	E/CAR	Network Address	10.31.224.124/30
				Montserrat	10.31.224.125/30
				Trinidad & Tobago (Piarco)	10.31.224.126/30
				Broadcast Address	10.31.224.127/30
33	10.31.224.128/30	**Vacant**		Network Address	10.31.224.128/30
				Vacant	10.31.224.129/30
				Vacant	10.31.224.130/30
				Broadcast Address	10.31.224.131/30
34	10.31.224.132/30	**Cayman Islands**	MEVA	Network Address	10.31.224.132/30
				Cayman Islands	10.31.224.133/30
				United States (Atlanta)	10.31.224.134/30
				Broadcast Address	10.31.224.135/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
35	10.31.224.136/30	**Saint Kitts and Nevis**	E/CAR	Network Address	10.31.224.136/30
				Saint Kitts and Nevis (Saint Kitts)	10.31.224.137/30
				Trinidad & Tobago (Piarco)	10.31.224.138/30
				Broadcast Address	10.31.224.139/30
36	10.31.224.140/30	**Saint Kitts and Nevis**	E/CAR	Network Address	10.31.224.140/30
				Saint Kitts and Nevis (Nevis)	10.31.224.141/30
				Trinidad & Tobago (Piarco)	10.31.224.142/30
				Broadcast Address	10.31.224.143/30
37	10.31.224.144/30	**Saint Lucia**	E/CAR	Network Address	10.31.224.144/30
				Saint Lucia	10.31.224.145/30
				Trinidad & Tobago (Piarco)	10.31.224.146/30
				Broadcast Address	10.31.224.147/30
38	10.31.224.148/30	**Sint Marteen**	MEVA	Network Address	10.31.224.148/30
				Sint Marteen	10.31.224.149/30
				United States (Atlanta)	10.31.224.150/30
				Broadcast Address	10.31.224.151/30
39	10.31.224.152/30	**Trinidad & Tobago**	USA domestic Network	Network Address	10.31.224.152/30
				Trinidad & Tobago (Piarco)	10.31.224.153/30
				United States (Atlanta)	10.31.224.154/30
				Broadcast Address	10.31.224.155/30
40	10.31.224.156/30	**Saint Vincent and the Grenadines**	E/CAR	Network Address	10.31.224.156/30
				Saint Vincent and the Grenadines	10.31.224.157/30
				Trinidad & Tobago (Piarco)	10.31.224.158/30
				Broadcast Address	10.31.224.159/30
41	10.31.224.160/30	**Turks & Caicos Islands - Grand Turk**	TBD	Network Address	10.31.224.160/30
				Turks & Caicos Islands - Grand Turk	10.31.224.161/30
				United States (Atlanta)	10.31.224.162/30
				Broadcast Address	10.31.224.163/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
42	10.31.224.164/30	**Haiti / Port-au-Prince**	MEVA	Network Address	10.31.224.164/30
				Haiti (Port au Prince)	10.31.224.165/30
				United States (Atlanta)	10.31.224.166/30
				Broadcast Address	10.31.224.167/30
43	10.31.224.168/30	**Panama**	MEVA/ REDDIG	Network Address	10.31.224.168/30
				Panama	10.31.224.169/30
				Colombia	10.31.224.170/30
				Broadcast Address /	10.31.224.171/30
44	10.31.224.172/30	**Aruba (Kingdom of Netherlands)**	MEVA	Network Address	10.31.224.172/30
				Aruba (Kingdom of Netherlands)	10.31.224.173/30
				Curaçao / Curazao	10.31.224.174/30
				Broadcast Address	10.31.224.175/30
45	10.31.224.176/30	**Bahamas / Nassau**	MEVA	Network Address	10.31.224.176/30
				Bahamas / Nassau	10.31.224.177/30
				United States (Atlanta)	10.31.224.178/30
				Broadcast Address	10.31.224.179/30
46	10.31.224.180/30	**Cayman Islands**	MEVA	Network Address	10.31.224.180/30
				Cayman Islands	10.31.224.181/30
				Cuba (Havana / La Habana)	10.31.224.182/30
				Broadcast Address	10.31.224.183/30
47	10.31.224.184/30	**Cuba /Havana - La Habana**	MEVA	Network Address	10.31.224.184/30
				Cuba (Havana / La Habana)	10.31.224.185/30
				United States (Atlanta)	10.31.224.186/30
				Broadcast Address	10.31.224.187/30
48	10.31.224.188/30	**Curaçao / Curazao**	MEVA	Network Address	10.31.224.188/30
				Curaçao / Curazao	10.31.224.189/30
				Jamaica (Kingston)	10.31.224.190/30
				Broadcast Address	10.31.224.191/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
49	10.31.224.192/30	**Dominican Republic / Santo Domingo**	MEVA	Network Address	10.31.224.192/30
				Dominican Republic (Santo Domingo)	10.31.224.193/30
				Puerto Rico (San Juan)	10.31.224.194/30
				Broadcast Address	10.31.224.195/30
50	10.31.224.196/30	**Honduras / Tegucigalpa (COCESNA)**	CAMSAT	Network Address	10.31.224.196/30
				Honduras (COCESNA) Tegucigalpa	10.31.224.197/30
				Nicaragua (Managua)	10.31.224.198/30
				Broadcast Address	10.31.224.199/30
51	10.31.224.200/30	**Vacant**		Network Address	10.31.224.200/30
				Vacant	10.31.224.201/30
				Vacant	10.31.224.202/30
				Broadcast Address	10.31.224.203/30
52	10.31.224.204/30	**Panamá/ Panama**	MEVA	Network Address	10.31.224.204/30
				Panamá/ Panama	10.31.224.205/30
				Jamaica (Kingston)	10.31.224.206/30
				Broadcast Address	10.31.224.207/30
53	10.31.224.208/30	**Panamá**	MEVA	Network Address	10.31.224.208/30
				Panamá/ Panama	10.31.224.209/30
				Honduras / Tegucigalpa (COCESNA)	10.31.224.210/30
				Broadcast Address	10.31.224.211/30
54	10.31.224.212/30	**Honduras / Tegucigalpa (COCESNA)**	MEVA- REDDIG	Network Address	10.31.224.212/30
				Honduras / Tegucigalpa (COCESNA)	10.31.224.213/30
				Ecuador/ Quito	10.31.224.214/30
				Broadcast Address	10.31.224.215/30
55	10.31.224.216/30	**Honduras / Tegucigalpa (COCESNA)**	MEVA- REDDIG	Network Address	10.31.224.216/30
				Honduras / Tegucigalpa (COCESNA)	10.31.224.217/30
				Colombia/ Bogota	10.31.224.218/30
				Broadcast Address	10.31.224.219/30

SAMPLE

No.	Subnet	Admin & local host	Via	Links	IPv4 Address
56	10.31.224.220/30	**Panamá**	MEVA- REDDIG	Network Address	10.31.224.220/30
				Panamá/ Panama	10.31.224.221/30
				Colombia/ Bogota	10.31.224.222/30
				Broadcast Address	10.31.224.223/30
…	…	**…**		…	…
				…	…
				…	…
				…	…
2048	10.31.255.252/30	**Vacant**		Network Address	10.31.255.252/30
				Vacant	10.31.255.253/30
				Vacant	10.31.255.254/30
				Broadcast Address	10.31.255.255/30

Note: The Interregional links CAR/ SAM, such as Brazil- United States (Atlanta), Colombia – United States (Atlanta), Peru – United States (Atlanta), Trinidad and Tobago - Guyana are included in the PART II: SAM Region Inter/ Intra-regional Links.

PART II: SAM REGION INTER-REGIONAL LINKS

Note: Note: The SAM Region has implemented a full IP Network, so the intra-regional links do not apply and are not used under this scenario. The only IP address used are only for the inter regional links.

NETWORK	LINK			
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE
1	2	3	4	5
10.15.224.0 / 19	1	10.15.224.0 / 30	**Argentina-Bolivia**	- 10 - 15 - 224 - 0 / 30
				Argentina 10 - 15 - 224 - 1 / 30
				Bolivia 10 - 15 - 224 - 2 / 30
				- 10 - 15 - 224 - 3 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	2	10.15.224.4 / 30	**Argentina-Chile**	-	10 - 15 - 224 - 4 / 30
				Argentina	10 - 15 - 224 - 5 / 30
				Chile	10 - 15 - 224 - 6 / 30
				-	10 - 15 - 224 - 7 / 30
10.15.224.0 / 19	3	10.15.224.8 / 30	**Argentina-Paraguay**	-	10 - 15 - 224 - 8 / 30
				Argentina	10 - 15 - 224 - 9 / 30
				Paraguay	10 - 15 - 224 - 10 / 30
				-	10 - 15 - 224 - 11 / 30
10.15.224.0 / 19	4	10.15.224.12 / 30	**Argentina-Peru**	-	10 - 15 - 224 - 12 / 30
				Argentina	10 - 15 - 224 - 13 / 30
				Peru	10 - 15 - 224 - 14 / 30
				-	10 - 15 - 224 - 15 / 30
10.15.224.0 / 19	5	10.15.224.16 / 30	**Argentina-Uruguay**	-	10 - 15 - 224 - 16 / 30
				Argentina	10 - 15 - 224 - 17 / 30
				Uruguay	10 - 15 - 224 - 18 / 30
				-	10 - 15 - 224 - 19 / 30
10.15.224.0 / 19	6	10.15.224.20 / 30	**Argentina-AFI**	-	10 - 15 - 224 - 20 / 30
				Argentina	10 - 15 - 224 - 21 / 30
				AFI (Johannesburgo)	10 - 15 - 224 - 22 / 30
				-	10 - 15 - 224 - 23 / 30
10.15.224.0 / 19	7	10.15.224.24 / 30	**Brazil-Colombia**	-	10 - 15 - 224 - 24 / 30
				Brazil	10 - 15 - 224 - 25 / 30
				Colombia	10 - 15 - 224 - 26 / 30
				-	10 - 15 - 224 - 27 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	8	10.15.224.28 / 30	**Brazil-Guyana**	-	10 - 15 - 224 - 28 / 30
				Brazil	10 - 15 - 224 - 29 / 30
				Guyana	10 - 15 - 224 - 30 / 30
				-	10 - 15 - 224 - 31 / 30
10.15.224.0 / 19	9	10.15.224.32 / 30	**Brazil-French Guiana**	-	10 - 15 - 224 - 32 / 30
				Brazil	10 - 15 - 224 - 33 / 30
				French Guiana	10 - 15 - 224 - 34 / 30
				-	10 - 15 - 224 - 35 / 30
10.15.224.0 / 19	10	10.15.224.36 / 30	**Brazil-Peru**	-	10 - 15 - 224 - 36 / 30
				Brazil	10 - 15 - 224 - 37 / 30
				Peru	10 - 15 - 224 - 38 / 30
				-	10 - 15 - 224 - 39 / 30
10.15.224.0 / 19	11	10.15.224.40 / 30	**Brazil-Suriname**	-	10 - 15 - 224 - 40 / 30
				Brazil	10 - 15 - 224 - 41 / 30
				Suriname	10 - 15 - 224 - 42 / 30
				-	10 - 15 - 224 - 43 / 30
10.15.224.0 / 19	12	10.15.224.44 / 30	**Brazil-Venezuela**	-	10 - 15 - 224 - 44 / 30
				Brazil	10 - 15 - 224 - 45 / 30
				Venezuela	10 - 15 - 224 - 46 / 30
				-	10 - 15 - 224 - 47 / 30
10.15.224.0 / 19	13	10.15.224.48 / 30	**Brazil-AFI**	-	10 - 15 - 224 - 48 / 30
				Brazil	10 - 15 - 224 - 49 / 30
				AFI (Dakar)	10 - 15 - 224 - 50 / 30
				-	10 - 15 - 224 - 51 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	14	10.15.224.52 / 30	**Brazil-EUR**	-	10 - 15 - 224 - 52 / 30
				Brazil	10 - 15 - 224 - 53 / 30
				EUR (Madrid)	10 - 15 - 224 - 54 / 30
				-	10 - 15 - 224 - 55 / 30
10.15.224.0 / 19	15	10.15.224.56 / 30	**Brazil-NAM**	-	10 - 15 - 224 - 56 / 30
				Brazil	10 - 15 - 224 - 57 / 30
				NAM (Atlanta)	10 - 15 - 224 - 58 / 30
				-	10 - 15 - 224 - 59 / 30
10.15.224.0 / 19	16	10.15.224.60 / 30	**Brazil-Argentina**	-	10 - 15 - 224 - 60 / 30
				Brazil	10 - 15 - 224 - 61 / 30
				Argentina	10 - 15 - 224 - 62 / 30
				-	10 - 15 - 224 - 63 / 30
10.15.224.0 / 19	17	10.15.224.64 / 30	**Brazil-Bolivia**	-	10 - 15 - 224 - 64 / 30
				Brazil	10 - 15 - 224 - 65 / 30
				Bolivia	10 - 15 - 224 - 66 / 30
				-	10 - 15 - 224 - 67 / 30
10.15.224.0 / 19	18	10.15.224.68 / 30	**Brazil-Paraguay**	-	10 - 15 - 224 - 68 / 30
				Brazil	10 - 15 - 224 - 69 / 30
				Paraguay	10 - 15 - 224 - 70 / 30
				-	10 - 15 - 224 - 71 / 30
10.15.224.0 / 19	19	10.15.224.72 / 30	**Brazil-Uruguay**	-	10 - 15 - 224 - 72 / 30
				Brazil	10 - 15 - 224 - 73 / 30
				Uruguay	10 - 15 - 224 - 74 / 30
				-	10 - 15 - 224 - 75 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	20	10.15.224.76 / 30	**Chile-PAC**	-	10 - 15 - 224 - 76 / 30
				Chile	10 - 15 - 224 - 77 / 30
				PAC (Christchurch)	10 - 15 - 224 - 78 / 30
				-	10 - 15 - 224 - 79 / 30
10.15.224.0 / 19	21	10.15.224.80 / 30	**Chile-Peru**	-	10 - 15 - 224 - 80 / 30
				Chile	10 - 15 - 224 - 81 / 30
				Peru	10 - 15 - 224 - 82 / 30
				-	10 - 15 - 224 - 83 / 30
10.15.224.0 / 19	22	10.15.224.84 / 30	**Colombia-NAM**	-	10 - 15 - 224 - 84 / 30
				Colombia	10 - 15 - 224 - 85 / 30
				NAM (Atlanta)	10 - 15 - 224 - 86 / 30
				-	10 - 15 - 224 - 87 / 30
10.15.224.0 / 19	23	10.15.224.88 / 30	**Colombia-Ecuador**	-	10 - 15 - 224 - 88 / 30
				Colombia	10 - 15 - 224 - 89 / 30
				Ecuador	10 - 15 - 224 - 90 / 30
				-	10 - 15 - 224 - 91 / 30
10.15.224.0 / 19	24	10.15.224.92 / 30	**Colombia-Peru**	-	10 - 15 - 224 - 92 / 30
				Colombia	10 - 15 - 224 - 93 / 30
				Peru	10 - 15 - 224 - 94 / 30
				-	10 - 15 - 224 - 95 / 30
10.15.224.0 / 19	25	10.15.224.96 / 30	**Colombia-Venezuela**	-	10 - 15 - 224 - 96 / 30
				Colombia	10 - 15 - 224 - 97 / 30
				Venezuela	10 - 15 - 224 - 98 / 30
				-	10 - 15 - 224 - 99 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	26	10.15.224.100 / 30	**Ecuador-Peru**	-	10 - 15 - 224 - 100 / 30
				Ecuador	10 - 15 - 224 - 101 / 30
				Peru	10 - 15 - 224 - 102 / 30
				-	10 - 15 - 224 - 103 / 30
10.15.224.0 / 19	27	10.15.224.104 / 30	**Ecuador-Venezuela**	-	10 - 15 - 224 - 104 / 30
				Ecuador	10 - 15 - 224 - 105 / 30
				Venezuela	10 - 15 - 224 - 106 / 30
				-	10 - 15 - 224 - 107 / 30
10.15.224.0 / 19	28	10.15.224.108 / 30	**French Guiana-Suriname**	-	10 - 15 - 224 - 108 / 30
				French Guiana	10 - 15 - 224 - 109 / 30
				Suriname	10 - 15 - 224 - 110 / 30
				-	10 - 15 - 224 - 111 / 30
10.15.224.0 / 19	29	10.15.224.112 / 30	**Guyana-C-CAR**	-	10 - 15 - 224 - 112 / 30
				Guyana	10 - 15 - 224 - 113 / 30
				C-CAR (Piarco)	10 - 15 - 224 - 114 / 30
				-	10 - 15 - 224 - 115 / 30
10.15.224.0 / 19	30	10.15.224.116 / 30	**Guyana-Suriname**	-	10 - 15 - 224 - 116 / 30
				Guyana	10 - 15 - 224 - 117 / 30
				Suriname	10 - 15 - 224 - 118 / 30
				-	10 - 15 - 224 - 119 / 30
10.15.224.0 / 19	31	10.15.224.120 / 30	**Guyana-Venezuela**	-	10 - 15 - 224 - 120 / 30
				Guyana	10 - 15 - 224 - 121 / 30
				Venezuela	10 - 15 - 224 - 122 / 30
				-	10 - 15 - 224 - 123 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	32	10.15.224.124 / 30	**Peru-NAM**	-	10 - 15 - 224 - 124 / 30
				Peru	10 - 15 - 224 - 125 / 30
				NAM (Atlanta)	10 - 15 - 224 - 126 / 30
				-	10 - 15 - 224 - 127 / 30
10.15.224.0 / 19	33	10.15.224.128 / 30	**Peru-Bolivia**	-	10 - 15 - 224 - 128 / 30
				Peru	10 - 15 - 224 - 129 / 30
				Bolivia	10 - 15 - 224 - 130 / 30
				-	10 - 15 - 224 - 131 / 30
10.15.224.0 / 19	34	10.15.224.132/ 30	**Peru-Colombia**	-	10 - 15 - 224 - 132 / 30
				Peru	10 - 15 - 224 - 133 / 30
				Colombia	10 - 15 - 224 - 134 / 30
				-	10 - 15 - 224 - 135 / 30
10.15.224.0 / 19	35	10.15.224.136 / 30	**Peru-Venezuela**	-	10 - 15 - 224 - 136 / 30
				Peru	10 - 15 - 224 - 137 / 30
				Venezuela	10 - 15 - 224 - 138 / 30
				-	10 - 15 - 224 - 139 / 30
10.15.224.0 / 19	36	10.15.224.140 / 30	**Suriname-Venezuela**	-	10 - 15 - 224 - 140 / 30
				Suriname	10 - 15 - 224 - 141 / 30
				Venezuela	10 - 15 - 224 - 142 / 30
				-	10 - 15 - 224 - 143 / 30
10.15.224.0 / 19	37	10.15.224.144 / 30	**Venezuela-CAM**	-	10 - 15 - 224 - 144 / 30
				Venezuela	10 - 15 - 224 - 145 / 30
				CAM (San Juan)	10 - 15 - 224 - 146 / 30
				-	10 - 15 - 224 - 147 / 30

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	38	10.15.224.148 / 30	**Venezuela-EUR**	-	10 - 15 - 224 - 148 / 30
				Venezuela	10 - 15 - 224 - 149 / 30
				EUR (Madrid)	10 - 15 - 224 - 150 / 30
				-	10 - 15 - 224 - 151 / 30
10.15.224.0 / 19	39	10.15.224.152 / 30	**Venezuela-Trinidad & Tobago**	-	10 - 15 - 224 - 152 / 30
				Venezuela	10 - 15 - 224 - 153 / 30
				Trinidad & Tobago	10 - 15 - 224 - 154 / 30
				-	10 - 15 - 224 - 155 / 30
10.15.224.0 / 19	40	10.15.224.156 / 30	**VACANT**	-	10 - 15 - 224 - 156 / 30
				-	10 - 15 - 224 - 157 / 30
				-	10 - 15 - 224 - 158 / 30
				-	10 - 15 - 224 - 159 / 30
10.15.224.0 / 19	41	10.15.224.160 / 30	**VACANT**	-	10 - 15 - 224 - 160 / 30
				-	10 - 15 - 224 - 161 / 30 10 - 15 - 224 - 162 / 30
				-	
				-	10 - 15 - 224 - 163 / 30
10.15.224.0 / 19	42	10.15.224.164 / 30	**VACANT**	-	10 - 15 - 224 - 164 / 30
				-	10 - 15 - 224 - 165 / 30
				-	10 - 15 - 224 - 166 / 30
				-	10 - 15 - 224 - 167 / 30
10.15.224.0 / 19	-	-	**-**	-	-
					-
					-
				-	-

SAMPLE

NETWORK	LINK				
	No.	SUBNETWORK	CONNECTED ROUTERS	ADDRESSES TO USE	
1	2	3	4	5	
10.15.224.0 / 19	-	-	-	-	-
					-
					-
				-	-
10.15.224.0 / 19	2048 (last)	10.15.224.252 / 30	VACANT	-	10 - 15 - 224 - 252 / 30
					10 - 15 - 224 - 253 / 30
					10 - 15 - 224 - 254 / 30
				-	10 - 15 - 224 - 255 / 30

SAMPLE