# ISR4331 Router1

ISR4331 Router1 :

It contains physical modules like :

NIM-2T

NIM-cover

NIM-ES2-4

GLC-GE-100FX

GLC-LH-SMD

GLC-T

GLC-TE

* Attributes :

MTBF : 587250

COST: 3000

POWER SOURCE: 0

RACK UNITS

WATTAGE : 530

* This product contains cryptographic features and is subject is to united states and local country laws governing import, export, transfer and use.
* For installing the hardware :

Check for PCIe device presence.

System integrity status : 0x610

Rom image verified correctly.

* It’s CONFIG :

GLOBAL : its contains settings and algorithm settings

ROUTING : static and RIP

SWITCHING : VLAN database

INTERFACE : GigabitEthernet0/0/0 , GigabitEtherbet0/0/1 , GigabitEtherner0/0/2.

To enable the user : Router>enable

To exit from the user : Router(config-if)#exit

# Router2 ISR43321

ISR43321 Router 2:

It contains physical modules like :

NIM-2T

NIM-cover

NIM-ES2-4

GLC-GE-100FX

GLC-LH-SMD

* Attributes :

MTBF : 587250

COST: 3000

POWER SOURCE: 0

RACK UNITS : 1

WATTAGE : 260

* To install the hardware :

check the system integrity status : 00000610

Rom image verified correctly

System Bootstrap, version 15.4(3r) s5, RELESE SOFTWARE

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* It’s CONGIF :

GLOBAL : its contains settings and algorithm settings

ROUTING : static and RIP

SWITCHING : VLAN database

INTERFACE : GigabitEthernet0/0/0 , GigabitEtherbet0/0/1

* 4194304k bytes of physical memory.
* 32768k bytes of non-volatile configuration memory.
* 3223551K bytes of flash memory at boot flash.

# 2901 Router

It contains physical modules like:

* HWIC-1GE-SFP
* HWIC-2T
* HWIC-4ESW
* HWIC-8A
* WIC-Cover
* GLC-LH-SMD

It’s CONGIF :

GLOBAL : its contains settings and algorithm settings

ROUTING : static and RIP

SWITCHING : VLAN database

INTERFACE : GigabitEthernet0/0/0 , GigabitEtherbet0/0/1

* To install Read only ROMMON :

Program load complete, entry point: 0x80803000, size:0xlb340

It contains memory like :

255K bytes of non-volatile configuration memory

249856K bytes of ATA system CompactFlash 0 (Read/Write)

* Attributes :

MTBF : 3000000

COST: 730

POWER SOURCE: 0

RACK UNITS : 2

WATTAGE : 40

* It is an IOS command line interface
* Total memory size = 512MB
* On-board = 512MB
* DIMM0 = 0MB

# 1941 Router

It contains physical modules like:

* HWIC-1G3-SFP
* HWIC-2T
* HWIC-4ESW
* HWIC-8A
* WIC-COVER
* GLC-LH-SMD

CONFIG:

• GLOBAL

1. Settings

2. Algorithm Settings

• ROUTING:

1. Static

2. RIP

• SWITCHING:

1. VLAN Database

• INTERFACE:

2. GigabitEthernet0/0

3. GigabitEthernet0/1

CLI:

• This product contains cryptographic features and is subject to united states and local country laws governing import, export, transfer and use.

• Delivery of cisco cryptographic products does not imply third party authority to import, export, distribute or use encryption.

• By using this product you agree to comply with applicable laws and regulations.

ATTRIBUTES:

1. MTBF - 300000

2. COST - 650

3. POWER SOURCE - 0

4. RACK UNITS - 2

5. WATTAGE – 35

# 2911 Router

It contains physical modules like:

* HWIC-1G3-SFP
* HWIC-2T
* HWIC-4ESW
* HWIC-8A
* WIC-COVER
* GLC-LH-SMD

CONFIG:

• GLOBAL

1. Settings

2. Algorithm Settings

• ROUTING:

1. Static

2. RIP

• SWITCHING:

1. VLAN Database

• INTERFACE:

2. GigabitEthernet0/0

3. GigabitEthernet0/1

4. GigabitEthernet0/2

* To install Read only ROMMON :

Program load complete, entry point: 0x80803000, size:0xlb340

ATTRIBUTES:

1. MTBF - 400000

2. COST - 850

3. POWER SOURCE - 0

4. RACK UNITS - 2

5. WATTAGE – 50

CLI:

\*

This product contains cryptographic features and is subject to united states and local country laws governing import, export, transfer and use.

# 819HG-4G-IOX Router

* It contains physical modules

It’s CONFIG:

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* SWITCHING :

1. VLAN database

* INTERFACE:

1. GigabitEthernet0
2. FastEthernet0
3. FastEthernet1
4. FastEthernet2
5. FastEthernet3
6. Serial0
7. Ethernet1
8. VirtualPortGroup0
9. Cellular0

CLI :

* Total memory size = 1024 MB
* C819HGW-V-A-K9 platform with 1048576k bytes of main memory
* Main memory is configured to 32 bit mode
* Read only ROMMON installed

ATTRIBUTES:

1. MTBF - 300000

2. COST - 1500

3. POWER SOURCE - 0

4. RACK UNITS - 1

5. WATTAGE – 20

# 819HGW Router

* It contains physical module

It’s CONFIG:

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* SWITCHING :

1. VLAN database

* INTERFACE:

1 . GigabitEthernet0

1. FastEthernet0
2. FastEthernet1
3. FastEthernet2
4. FastEthernet3
5. Serial0
6. Wlan-GigabitEthernet0
7. Wlan-ap0
8. Cellular0

CLI:

* Total memory size = 1024 MB
* C819HGW-V-A-K9 platform with 1048576k bytes of main memory
* Main memory is configured to 32 bit mode

ATTRIBUTES:

1. MTBF - 300000

2. COST - 2000

3. POWER SOURCE - 0

4. RACK UNITS - 1

5. WATTAGE – 20

# 829 Router

* It contains physical modules like :

1. GLC-T
2. GLC-TE

It’s CONFIG:

* GLOBAL :

1. Settings

2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* SWITCHING :

1. VLAN database

* INTERFACE:

1. GigabitEthernet0
2. GigabitEthernet1
3. GigabitEthernet2
4. GigabitEthernet3
5. GigabitEthernet4
6. Wlan-ap0
7. Wlan-GigabitEthernet0
8. GigabitEthernet5
9. Cellular0
10. Cellular1

* Reset reason : reload
* BIOS platform : IR800
* BIOS version : 8

ATTRIBUTES:

1. MTBF - 300000

2. COST - 3000

3. POWER SOURCE - 0

4. RACK UNITS - 1

5. WATTAGE – 70

# CGR 1240 Router

It contains physical module like :

* 1240-Cover
* ROUTER-ADAPTER
* GLC-FE-100FX-RGD

It’s CONFIG:

* GLOBAL :

1. Settings

2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* SWITCHING :

1. VLAN database

* INTERFACE:

1. GigabitEthernet0/1
2. FastEthernet2/3
3. FastEthernet2/4
4. FastEthernet2/5
5. FastEthernet2/6
6. GigabitEthernet2/1
7. GigabitEthernet2/2
8. Dot11Radio2/1

* Processor board ID JAD183800DC
* 802.11 Radio
* Fast Ethernet interface(s)

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 250

3. POWER SOURCE - 1

4. RACK UNITS – 2

5. WATTAGE – 5

# Router-pt

It contains physical modules like :

* PT-ROUTER-NM-1AM
* PT-ROUTER-NM-ICE
* PT-ROUTER-NM-1CFE
* PT-ROUTER-NM-1CGE
* PT-ROUTER-NM-1FFE
* PT-ROUTER-NM-1FGE
* PT-ROUTER-NM-1S
* PT-ROUTER-NM-1SS
* PT-ROUTER-NM-COVER

It’s CONFIG :

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* INTERFACE :

1. FastEthernet0/0
2. FastEthernet1/0
3. Serial2/0
4. Serial3/0
5. FastEthernet4/0
6. FastEthernet5/0

* Processor board ID PT0123
* PT2005 processor: part number 1, mask 01
* 32k bytes of non-volatile config memory
* 63488K bytes of ATA CompactFlash

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 150

3. POWER SOURCE - 0

4. RACK UNITS – 2

5. WATTAGE – 35

# Router-PT-EMPTY

It contains physical modules like :

* PT-ROUTER-NM-1AM
* PT-ROUTER-NM-ICE
* PT-ROUTER-NM-1CFE
* PT-ROUTER-NM-1CGE
* PT-ROUTER-NM-1FFE
* PT-ROUTER-NM-1FGE
* PT-ROUTER-NM-1S
* PT-ROUTER-NM-1SS
* PT-ROUTER-NM-COVER

It’s CONFIG :

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* INTERFACE
* 32k bytes of non-volatile config memory
* 63488K bytes of ATA CompactFlash
* Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph ( c) of the commercial computer software – Restricted rights clause at FARS sec. 52.227-19.
* Subgraph software clause at DFARS sec. 252.227-7013.

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 150

3. POWER SOURCE - 0

4. RACK UNITS – 2

5. WATTAGE – 35

# 1841 Router

It contains physical modules like :

* HWIC-1GE-SFP
* HWIC-2T
* HWIC-4ESW
* HWIC-AP-AG-B
* WIC-1ENET
* WIC-1T
* WIC-2AM
* WIC-2T
* WIC-Cover
* GLC-LH-SMD

It’s CONFIG :

* GLOBAL :

1.Settings

2.Algorithm settings

* ROUTING :

1.Static

2.RIP

* SWITCHING : VLAN database
* INTERRFACE :

1. FastEthernet0/0
2. FastEthernet0/1

* Cisco 1841 with 114688k/16384K bytes of memory.
* 191K bytes of NVRAM

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 500

3. POWER SOURCE - 0

4. RACK UNITS – 1

5. WATTAGE – 35

# 2620-XM Router

It contains physical modules like :

* NM-1E
* NM-1E2W
* NM-1FE-FX
* NM-1FE-TX
* NM-1FE2W
* NM-2FE2W
* NM-2W
* NM-4A/S
* NM-4E
* NM-8A/S
* NM-8AM
* NM-Cover
* WIC-1AM
* WIC-1T
* WIC-2AM
* WIC-2T
* WIC-Cover

It’s CONFIG :

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* INTERFACE : FastEthernet0/0
* 32k bytes of non-volatile config memory
* 63488K bytes of ATA CompactFlash

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 100

3. POWER SOURCE - 0

4. RACK UNITS – 1

5. WATTAGE – 70

# 2621-XM Router

It contains physical modules like :

* NM-1E
* NM-1E2W
* NM-1FE-FX
* NM-1FE-TX
* NM-1FE2W
* NM-2FE2W
* NM-2W
* NM-4A/S
* NM-4E
* NM-8A/S
* NM-8AM
* NM-Cover
* WIC-1AM
* WIC-1T
* WIC-2AM
* WIC-2T
* WIC-Cover

It’s CONFIG :

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* INTERFACE :

1. FastEthernet0/0
2. FastEthernet0/1

* 32k bytes of non-volatile config memory
* 63488K bytes of ATA CompactFlash

ATTRIBUTES:

1. MTBF - 3000000

2. COST - 150

3. POWER SOURCE - 0

4. RACK UNITS – 1

5. WATTAGE – 70

# 2811-Router

It contains physical modules like :

* NM-1E
* NM-1E2W
* NM-1FE-FX
* NM-1FE-TX
* NM-1FE2W
* NM-2FE2W
* NM-2W
* NM-4A/S
* NM-4E
* NM-8A/S
* NM-8AM
* NM-Cover
* NM-ESW-161
* HWIC-1GE-SFP
* HWIC-2T
* HWIC-4ESW
* HWIC-81
* HWIC-AP-AG-B
* WIC-1AM
* WIC-1ENET
* WIC-IT
* WIC-2AM
* WIC-2T
* WIC-Cover
* GLC-LH-SMD

CONFIG :

* GLOBAL :

1. Settings
2. Algorithm settings

* ROUTING :

1. Static
2. RIP

* SWITCHING :

1. VLAN database

* INTERFACE :

1.FastEthernet0/0

2. FastEthernet0/1

ATTRIBUTES:

1. MTBF - 4000000

2. COST - 1000

3. POWER SOURCE - 0

4. RACK UNITS – 1

5. WATTAGE – 40