CISCO CSR-A 10.155.116.69 nvs-nlms-puc-azure-rt01-gi1.eu.novartis.net

CISCO CSR-B 10.155.116.70 nvs-nlms-puc-azure-rt02-gi1.eu.novartis.net

Pre-Checks: -

1.Take Backup of Config File from both router CSR A and CSR B.

#wr mem

#more system running-config.

2.Take Snapshot for CSR A and CSR B from Azure Portal.

3.Capture below output from router by session logging.

#show version

#show license status

#show license summary

#show ip interface brief

#show bgp summary

#show bootvar

4.Check bootflash memory and available space.

#dir bootflash

5.Copy IOS to router bootflash

6.Perform MD5 verify

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Implementation Plan

Step1) – Upgrade firmware on Secondary RouterB to firmware version 17.3.4a

1.1Check the exisitng boot variable ,if it is there remove the old one version and then set the new version as a boot variable

#show bootvariables.

Now remove old boot variable

config#no boot system flash bootflash:upgrade2021AUG5/packages.conf,12

exit

wr mem

1.2 Change the boot variable for new version on router.

Config#boot system flash bootflash:/csr1000v-universalk9.17.03.04a.SPA.bin

Config# wr mem

1.3 Validate boot variables

Config#show bootvar

1.4 Validate Config register in show version – if it set to 0X2102, we are good and no need to change the config register else please update the config register as below.

Router(config)# config-register 0x2102

1.5 Reload the router –

Router# reload

1.6 Verify the new version –

Router# show version

Step2)-Once Router B upgraded successfully. Perform similar steps (1.1 to 1.6) on Router A.