

APPENDIX B: NJEDGE.NET PORTAL CERTIFICATION PROCESS

Gatekeeper Requirements

- IOS version: Gatekeepers must run 12.3.1a
- Memory Requirements:

Series	Minimum RAM	Minimum Flash
72XX	128 MB	48 MB
36XX	96 MB	32 MB
26XX	96 MB	32 MB

Sample Default Configuration

```
#gatekeeper
zone local ramapogk ramapo.edu 130.156.17.10
zone remote njedge_portal-GK njedge_portal-GK.net 130.156.34.2
zone prefix ramapogk 001201684*
zone prefix njedge_portal-GK 001*
no use-proxy ramapogk default inbound-to terminal
no use-proxy ramapogk default outbound-from terminal
endpoint ttl 60
server registration-port 20000
```

Portal Certification

The following process is used to certify your endpoints with the Portal

- *Video and Network/Firewall Resources MUST be available before proceeding*
- Please use endpoints that will utilize the portal services
- Contact Portal Site to Begin Certification 973-485-7532

Verify Video Endpoint Configuration

```
E164 ADDRESS
IP ADDRESS
GATEKEEPER ADDRESS
IP PRECEDENCE BIT SET
```

FIXED PORTS FOR FIREWALL CONFIGURATION LAN CONFIGURATION SPEED 100 DUPLEX FULL LAN GATEWAY RECORD MAKE/MODEL & S/W VERSION ENDPOINT
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Verify Gatekeeper Configurations (Portal & Remote Site)

- Verify Model of Gatekeeper
- Verify Version of IOS
- Verify Zone name/prefix & IP ADDRESS
- Verify Dialing Plan

Verify Firewall Information

- Verify Model of Firewall
- Verify Version of S/W
- Verify Configuration for Extranet Access

Verify Router Information

- Verify Model of Router
- Verify Version of IOS
- Verify BGP Configuration
- Verify Routing information to/from Institution to Portal

Portal Certification Testing Procedures

Perform the following Test Calls

- Verify that the endpoint is Registered with the Gatekeeper
show gatekeeper endpoint
- Verify that packets are being Marked for QOS

Perform Endpoint initiated Test 1

- Call via IP Address.(768K/384K)

Portal FX
Portal VS
WEDGE ITV 1
WEDGE ITV 2

Perform Endpoint initiated Test 2

- Call Via E164 Address.768K/384K

Portal FX
Portal VS
NJEDGE 1
NJEDGE 2

Perform CTMP initiated call to selected endpoints via CTMP.

- Please add your endpoints to CTMP at this time
- Ensure that the call rate used is 768K(Default) or Less

Point-to-Point

- Verify Video Protocol, Audio Protocol
- Verify Call Speed
- Verify Communications Protocol

Multipoint

- Audio Switching (Default)
- Continuous Presence
- Verify Video Protocol, Audio Protocol,
- Verify Call Speed
- Use Calendar to Schedule a Call

Perform CTMP Initiated calls thru FVC Conference Server

- FVC MCU PTP
- FVC MCU MTP
- Audio Switching, Continuous Presence, Call Speed
- Use Calendar to Schedule a Call