

ETA Competency Requirements "

ASTRO® 25 GTR 8000 Repeater Site Technician "

Vj g'hqmjy kpi 'ku'c'rkukpi 'qh'gcej 'vqr le'eqpukf gtgf 'pgeguuct { 'vq'dg'kpenmf gf 'kp'c'eqwtug'qh' uwf { 'vqy ctf u'vj g'gf wecvkqp'qh'vgej plekcpu'r gthqto kpi 'kpucm'v'kqp.'o c'kpv'gpcpeg'cpf 'tgr ckt'qh' cp'CUVTQI '47'I VT': 222'Tgr gcvgt 'Ukg'0'Vj gtg'ctg'7'ecvgi qt'kgu'qh'vt'ckl'kpi 0'Vj ku' EQO RGVGP E['rkukpi 'ku'j g'u{m'cdwa.'qt'kf gp'v'k'k'ecv'kqp'qh'gcej 'kpf kxkf wcn'uwdlgev.'kp'y j lej " vj g'vgej plekcp'o wuv'dg'mpqy r'gf i g'cdrg'cpf 'um'kn'gf 0" Vj g'I VT': 222'Tgr gcvgt 'Ukg'Vgej plekcp'cu'c'U'c'p'f'cm'pg'f'qgu'p'qv't'gs wkt'g'v'j g'Cu'q'ek'cv'g'EGV0' Vq'q'd'cv'k'p'v'j g'lg'w'p'g'f' o cp'EGV'ng'xgn'v'j g'Cu'q'ek'cv'g'cpf 'v'j t'gg'qh'v'j g'hq'w'CUVTQI '47'Ugt'kgu' egt'v'k'ec'v'k'p'u'ct'g't'gs wkt'gf 0'Vj g'CUVTQI '47'Ugt'kgu'eq'p'uk'u'qh'v'j g'O'cu'vgt 'Ukg'Vgej plekcp'90" *O UV'90+: 'T'cf'kq'P'gwy q'tm'c'f' o k'p'k'ut'c'v'q't'90" *TP C'90+: 'v'j g'S'w'c'p'v'c't' Tgr gcvgt 'Ukg'Vgej plekcp' *TUV'+cpf 'v'j g'I VT': 222'Tgr gcvgt 'Ukg'Vgej plekcp' *I VT'+egt'v'k'ec'v'k'p'u'0 "" ""

ASTRO® 25 GTR 8000 GTT Competencies

ASTRO®25 IV&D Trunked System Overview

- Nku'v'cpf 'f'guet'kdg'v'j g'CUVTQ'47'u{u'vgo 'hgcw't'gu'cpf 'ecr'cd'k'k'kgu'
- F'guet'kdg'v'j g'CUVTQ'47'u{u'vgo 'uk'gu'cpf 'v'j g'k't'eqo r'q'p'gp'u'
- F'guet'kdg'k'p'f'g'v'ck'i'v'j g'r'c'v'j u'w'ugf 'hqt'eq'p't'qn'x'q'k'eg'cpf 'f'c'v'k'p'cp'CUVTQ47'v't'w'p'n'k'p'i " u{u'vgo "
- Nku'v'j g'ugt'x'gt'u'cpf 'f'c'v'cd'c'ug'u'w'ugf 'k'p'cp'CUVTQ47'v't'w'p'ng'f' u{u'vgo "

Bridging the Knowledge Gap for ASTRO®25

- T'gecm'd'c'ule'o qf w'v'v'k'p'v'gej p'ks w'gu'f'k'ng'CO .HO .CUM'HUM'cpf 'RUM'
- K'gp'v'h' 'v'j g'o c'k'p'ej c't'ce'v'gt'k'u'ku'qh'CUVTQ'uki p'c'k'p'i "
- R't'q'x'k'f'g'c'f'g'v'c'k'ng'f'g'z'r'nc'p'v'k'p'qh'v'j g'hgcw't'gu'cpf 'ecm'l'r't'q'eg'u'k'p'i "qh'c'uk'p'i ng'uk'g" v't'w'p'n'k'p'i "u{u'vgo "
- E'q'o r'c't'g'v'j g'g'x'q'n'w'k'p'qh'u{u'vgo u'h't'q'o "eq'p'x'g'p'v'k'p'c'n'v'q'uk'p'i ng'uk'g'v't'w'p'n'k'p'i ."v'q" X'q'v'k'p'i "u{u'vgo u."v'q"U'ko w'r'ec'uv."v'q"U'o c't'v' q'p'g."v'q"O'w'nk'q'p'g'u{u'vgo u'cpf "v'q"CUVTQ47" u{u'vgo u"
- Q'd'v'c'k'p'h'q'w'p'f'c'v'k'p'c'n'h'p'q'y r'gf i g'qh'eqo r'w'gt'p'gwy q't'm'u'p'ge'gu'uct { 'v'q'w'p'f'g't'u'w'c'p'f'v'j g" y c { 'CUVTQ47'u{u'vgo u'y q't'm'i
- C'p'c'n'f' | g'v'j g'ecm'l'r't'q'eg'u'k'p'i "k'p'cp'CUVTQ47'v't'w'p'n'k'p'i "u{u'vgo "

Networking Essentials in Motorola Communications Equipment

- T'gecm'd'c'ule'p'gwy q't'm'v'g'to k'p'q'q'i { "
- E'q'o r'c't'g'd'c'ule'eq'p'h'k'i w't'c'v'k'p'v'r'g'u'd'q'v'j 'r'q'i k'ec'n'c'p'f' 'r'j { u'k'ec'n'
- F'guet'kdg'v'j g'd'c'ule'QUK*Qr gp'U{u'vgo 'k'p'v'g't'eq'p'p'g'ev'o qf gn'eqo r'c't'g'f'y k'j 'v'j g'VE'RI'K'R" o qf gn'
- E'q'p'ut'w'ev'c'd'c'ule'NCP'y k'j 'c"Y'k'p'f'q'y u'U'g't'x'g't'F'q'o c'k'p'Eq'p't'q'm'g't'c'p'f'y q't'm'v'c'v'k'p'u'
- G'z'c'o k'p'g'v'j g'k'p'v'g't'c'ev'k'p'd'gwy g'g'p'v'j g't'q'w'g't'u'v'j t'q'w'i j 'v'j g'k't'eq'p'h'k'i w't'c'v'k'p'u'
- W'ug'eqo o q'p'p'gwy q't'm'eqo o c'p'f'u'v'q'uk'o w'r'v'g'v't'c'h'k'e."x'c'r'k'f'c'v'g'eq'p'p'g'ev'k'k'v' { 'c'p'f't'q'w'k'p'i "

Advanced Networking Essentials in Motorola Communications Equipment

- Recall basic network concepts
- Identify the various system network components
- Define the LAN topologies for each system
- Define the WAN topologies for each system
- Diagram SNMP deployment throughout the system
- Identify the HP switches and Motorola series routers
- Perform backup, restore, and recovery procedures of routers and LAN switches
- Identify network security components and concepts in an ASTRO 25 system

ASTRO®25 IV&D GTR 8000 Repeater Site

- Identify the major components and configurations of the GTR 8000 Repeater Site
- Configure the hardware and software for efficient operation
- Interpret the flow of message and control data in the various configurations
- Analyze call processing in a site
- Troubleshoot the site, its hardware, and its configuration