

fŠf,■[fg fAfNfZfx fT■[frfx,Æ,í ?

fŠf,■[fg fAfNfZfx fT■[frfx (RAS) ,ðŽg,¤,Æ■A—£,ê,½■ê■Š,É■Ý'u,³,ê,Ä,¢
,é■■■[fNfXfe■[fVjt“,©,ç,À,à■Aflfbfgf■■■[fN,É•“—■“I,É■Ú'±,³,ê,Ä,¢,é,Æ“~,¶,æ,¤,É“§
‰oß“I,É■fbfgf■■■[fN fT■[fo■[.É■fAfNfZfx,À,«,Ü,·■Bf_fCf,f<■fAfbfv flfbfgf■■■[fN,í■AWindows NT RAS ,j■Nf
‰o■CfAf“fg”À,À,·■BfŠf,■[fg fAfNfZfx,À,í■AŒö■O“d~b‰oñ■ü■AX.25 flfbfgf■■■[fN■AISDN
flfbfgf■■■[fN■APPTP ■Ú'±,ì,¢,,ê,©,ð‰oî,µ,Ä■Ú'±,ðŠm—§,À,«,Ü,·■B

[fŠf,□[fg fAfNfZfX fZfbfgfAfbfv]

fšF,□[fg fAfNfZfX fZfbfgfAfbfv fvF□fOf%oƒ€,ðŽg,¤,Æ□ARAS fhf%oƒCfo,ƒFc“fXfg□[f[¶]ARAS ,ÉŽg,¤f] □[fg,‘l’‘l’ðA,‘,æ,ÑSefJ□[fg,]žg—p•ù@,‘l’‘l’ð (f_fCf,,f<AfEfg,]̄,Ý^A’…□M,]̄,Ý^A,Ü,½,í_f_Cf,f<AfEfg,Æ’…□M),‘,Å,‘,Ü,‘,B’…□M,]̄,Ý^‘è (f_fCf,,f<AfEfg,]̄,Ý^ÈŠO),ð’‘l’ð,‘,é,Æ□ACÆÄ,Ñ□o,μ’¤ ,]̄,fT□[fU□,‘,fJfbfgf□[fn’S’ì,ÉfAfNfZfX,Å,‘,é,æ,¤,É,‘,é,©□A,Ü,½,í RAS fT□[fo□[,É,]̄,ÝfAfNfZfX,Å,‘,é,æ,¤ ,É,‘,é,©,ð’‘l’ð,Å,‘,Ü,‘,B

Windows NT RAS ,ð Version 4.0 ,ÉfAfþbfvOfŒ[]fh,.,é,ÆŒAŠù,ÉfCf“fxfg[]f,.,æ,ÑŒ\œ¬,³,é,Ä,¢,éf,ffff€,í
modem.inf f,ffff€,Æ,µ,Ä^µ,í,é,Ü,·Bmodem.inf f,ffff€,íŒA[fšF,Œ[fg fAfNfZfx FzfbfgfAfbfv] f_fCfAfŒfo
f{fbNfX,Ä,í [Modem (modem.inf)] ,Æ,µ,Ä•Ž!,³,é,Ü,·BŒV,µ,'C‰Å,µ,½f,ffff€,íŒA[Modem (unimodem)]
,Æ,µ,Ä'C‰Å,³,é,Ü,·BRAS ,Œ\œ¬,ÉŒV,µ,çf,ffff€ fŒ[fg,ð'C‰Å,·é,É,íŒA['C‰Å],ðfNfšfbN,µŒAŽÝ,É
[f,ffff€,fCf“fxfg[]f, ,ðfNfšfbN,µ,ÄŒA,Ü,·ŒAf,ffff€,ð'C‰Å,µ,È,·,é,Î,È,é,Ü,¹,ñŒB

[flfvfVftf“]	-Ú“I
[‘%Á]	RAS ,Åf []fg,ðŽg—p,Å,«,é,æ,¤,É,µA,»,íf []fg,Éf,fff€,Ü,½,Í X.25 PAD ,ðfCf“fxfg[]f<,µ,Ü,·B
[íœ]	RAS ,Åf []fg,ðŽg—p,Å,«,È,¢,æ,¤,É,µ,Ü,·B
[ØNØ¬]	ØÚ’±,·,éfff of CfX,âŽg—p•û-@ (f_fCf,,f< fAfEf g,ì,ÝØA'... ØM,ì,ÝØA,Ü,½,í—¼•û) ,È,CØAf Ø fg,ì RAS ,ìØY’è,ð•í,ì,Ü,·B
[•i»]	Šù’¶,íf []fg,©,ç•È,íf []fg,Éf,fff€ ,ìØY’è,ðfRfs[].,µ,Ü,·B
[flfbfgfØØ[f N]	RAS fTØ[fo¶[‘S’ì,ìØY’è,ðØ\ Ø¬,µ,Ü,·BflfbfgfØØ[fN fAfNfZfX,ðflfbfgfØØ[fN’S’ì,Ü,½,í RAS fRf“fsf... Ø[f^,ì,Ý,ÉØY’è,µ,Ü,·BRAS fTØ[fo¶[,ºfTf []fg,·,éflfbfgfØØ[fN fvfØfgfRf<,ð’l’ð,µØA\ Ø¬,µ,Ü,·BfRf“fsf... Ø[f^,ºf_fCf,,f< fAfEf g (fNf %of Cf Af“fg) ØÚ’± ,ÉŽg,¤flfbfgfØØ[fN fvfØfgfRf<,ð’l’ð,µ,Ü,·B”FØØ,Æff Ø[f^ ^ ÄØ† %o»,íf fvfVftf“,ðØY’è,µ,Ü,·B
[‘±s]	,±,íf_fCfAfØfO f{fbfNfX,Å,ìØY’è,ðØI—¹,µØAfZfbfgfAf bfv,ìŽY,ì’šK,ÉØi,Ý ,Ü,·B
[flffff“fZf<]	fZfbfgfAf bfv fvfØfOf%of€,ðØI—¹,µ,Ü,·B

[RAS fffofCfX,ì'Ç‰Á]

- RAS — $p, \bar{p}, f, \bar{f}, fg, \delta^+ C\% A, \cdot, \bar{e}, \bar{E}, i, \bar{i}, AfSfXfg, f\{fbfNjfx, \circ, cf\} \bar{f} fg, \delta^+ l, \bar{\delta}, \mu \bar{\mu} A [OK], \delta f NjSfBfN, \mu, \bar{\mu}, \bar{U}, \cdot B$

^ê—,É•\Ž!,³,ê,Ä,¢,È,¢f|[]fg,í[]AfŠf,[]fg fAfNfZfX fZfbfgfAfbfv,Å,ífCf“fXfg[]f<,Å,«,Ü,¹,ñ[]B,±,ê,ç,¡f|[]fg,í[]AfŠf,[]fg fAfNfZfX
fZfbfgfAfbfv,ðŽÄ[]s,·,é’O,É[]Afn[]fhfEfFfA,¡[]»‘¢Œ³,©,çŽx<,³,ê,½fCf“fXfg[]f<fvf[]fOf‰f€
,ðŽg,Ä,ÄfCf“fXfg[]f<,µ,È,¬,ê,î,È,è,Ü,¹,ñ[]B[]Ú[]x,É,Ä,¢,Ä,í[]Afn[]fhfEfFfA,¡[]»‘¢Œ³,¤'ñ,Ý,·,éf}fjf...
fAf<,ðŽQ[]E,µ,Ä,,³/4,³,¢[]B

- Žw'è,µ,½f|[]fg[]ã,¡f,fff€,ð RAS fZfbfgfAfbfv,ÉŽ©“®ŒÝ[]o,³,¹,é,É,í[]A[f,fff€,¡fCf“fXfg[]f<]
,ðfNfŠfbfN,µ,Ü,·[]B
- Žw'è,µ,½f|[]fg[]ã,¡ X.25 PAD ,ðfCf“fXfg[]f<,·,é,É,í[]A[X.25 PAD ,¡fCf“fXfg[]f<] ,ðfNfŠfbfN,µ,Ü,·[]B

[RAS fT][fo][NetBEUI ,í\-\-]

,±,ìf_fCfAf\O f{fbfNfX,Å,í\ANetBEUI fNf%o\AfCfAf“fg,äfAfNfZfX,Å,«,é”í^í,ðžw’è,μ,Ü,·\B

[fSf,\[fg NetBEUI fNf%o\AfCfAf“fg,ÉfAfNfZfX,ð<-%oÅ,·,é]

[f]fbfgf\[[fN'S'ì]	f]fbfgf\[[fN\ä,íž'Œ¹,Ö,ìf AfNfZfXŒ ,ðft\[[fU\[,É— ^,ì,Ü,·\B
[,±,ìfRf“fsf... [[f^,ì,Ý]]	,±,ìfRf“fsf... [[f^\ä,íž'Œ¹,Ö,ìfAfNfZfX Œ ,ì,Ýft\[[fU\[,É— ^,ì,Ü,·\B

[f]\[[fgžg—p,í\-\-]

žw’è,μ,½f\[[fg,ð\AfNf%o\AfCfAf“fg (f_fCf,,f\AfEfg—p)\A\AfT\[[fo\[(‘...M—p)\A,Ü,½,í,»,)—
¼•ù,Æ,μ,Äžg,¤,æ,¤,É\-\-,μ,Ü,·\B

f\[[fg,ð\-\-,·,é,É,í

- 1 -Ú“í,ìf\[[fg,Æfff of Cfx,ì [f]\[[fg,ížg,¢•ù] ,Å\Af\[[fg,ížg—p•ù—@,Æ,μ,Ä\Af_fCf,,f\AfEfg,ì,Ý\A'...
M,ì,Ý\A,Ü,½,í,»,)—¼•ù,ì,¢,,ê,©,ðžw’è,μ,Ü,·\B\[[fg,ÅŒÄ,Ñ\o,μ,ð'...M,Å,«,é,æ,¤,É,·,é,É,í\ARAS
,ð<N”®,μ,Ä,“,©,È,“,ê,î,È,è,Ü,¹,ñ\B
- 2 f\[[fg,ì\-\-,ð\I—¹,μ,½,ç\A[OK] ,ðfNfSfbfN,μ,Ü,·\B

[ÍY'è]

,±,ê,ç,íflfvfVftf“,íAf|fg,²’...M—p,ÉŽg,í,ê,Ä,é,Æ,«,É“K—p,³,ê,Ü,·Bf_fCf,,f·fAfEf,ÉŽg,¤,±,ê,ç,ífpf %ofo[l^,íAf_fCf,,f·fAf,fb fv flfbfgf]N,ðŽg,Á,ÄAŠefGf“fgfS,É‘,μ,ÄÍY’è,μ,Ä,,³/4,³,¢B

ÍY'è	<@”\
[f,fff€	f_fCf,,f·t,Éf,fff€
fXfs][f],ðŽg,	,ífXfs][f],ðflf“,É,μ,Ü,·B
¤]	
[fn][fhfEfFfA	f,fff€,ÆfRf“fsf...
ftf][§CEä,ð	¤[f^,Æ,íŠO,Ä,í RTS/CTS
¤s,¤]	fnf“fhfVfFfCfN,ð— LŒø,É,μ,Ü,·B,±,í<@”\ ,ðŽg,¤,ÆAŽóM’¤,í—“\ —í,²’—M’¤,æ,è’¤,«,— ò,éé¤,ÉAŽóM’¤,aff][f^ ftf][,ðŽ~,ß,é,± ,Æ,³,Ä,«,é,½,ßA’ÉM’¬“x, Æ’€®,íM— Š¤¤,ðŒü¤¤,³,¹,é,± ,Æ,³,Ä,«,Ü,·Bfn][fhfEfFfA
ftf][§CEä,¤—	ftf][§CEä,¤— LŒø,É,È,Ä,Ä,¢,È,¢ ,ÆAfI][fo][f%of“ fGf %o][,í”¶¶,·,éSéŒ¬¤¤,³,·,- ,È,è,Ü,·B
[fGf	¤,“%oñ¤ç’·ŒÝ¤, (CRC)
%o][§CEä,ð	,É,æ,éff][f^ fuf][fbfN,ífGf
¤s,¤]	%o][f^ ffbfbN,ð— LŒø,É,μ,Ü,·Bf,fff€ ,É,æ,éfGf%o][§CEä,ð¤s,¤ ,ÆAfXf^][fg frfbfg,ÆfXfgfbfv frfbfg,ð”r¤œ,·,é,± ,Æ,É,æ,èŒø—!,ð¤¤,°,é,± ,Æ,³,Ä,«,Ü,·B
[f,fff€	f,fff€ŠO,ÄŽó,¬“n,³,ê,éff][f^ , ³,ê,éff][f^ ,ífocfg][,³,È,- ³,ê,é,½,ßA”]’—žžŠO,à’Z,- ,È,è,Ü,·B,ç,ì,,ç,¢,í³¤— ,³,ê,éff][f^ “à,í¤ç’..x,É,æ,Ä ÄŒ^,Ü,è,Ü,·B
,É,æ,éff][f^ ^ ³¤,ð¤s,¤]	

[flfbfgf][fN,í¤¬]

LAN ,ÄŽg,¤fvf][fgfRf,ð’l’ð,μA¤¬,μ,Ü,·Bf][fbfgf][fN fvfgfRf,í¤¬,íARAS ,É—~—p,Ä,«,é,·,×,Ä,íf][fg,É‘,·,é,·,×,Ä,í RAS ‘€][,É“K—p,³,ê,Ü,·B

RAS fRf“fsf...][f^ ,íAfNf%ofCfAf“fg,Ü,½,ífT][fo][,Æ,μ,Ä LAN ,ÉfAfNfZfx,·,é¤¤,³, ,è,Ü,·BRAS

,^ä,»,^é,^½,^ê,^ì-^ð^š,,^å^ž^g,[¤] LAN fv^f^üfgfRf[<],^ð'^l'^ð,^μ,^È,[¬],^é,^î,^È,^è,^Ü,^¹,^ñ^üBRAS ,^Å-[~]-^p,^Å,[«],^éf|^ü[fg,^ì^ž^g-^p•^û-[@],^ð^ž^w'^è,[·],^é,^Æ^üARAS fRf“fsf...^ü[f[^],^ì-^ð^š,,[¤]C[^],^ü,^È,^è,^Ü,[·]^üB

[f_fCf,,f< fAfEfg fv^f^üfgfRf[<]]

fSf,^ü[fg fAfNfZfX fT^ü[fo^ü[.Éf_fCf,,f< fAfEfg,,^é,^Æ,[«],^É^ž^g,[¤]fv^f^üfgfRf[<],^ð'^l'^ð,^μ,^Ü,[·]^üB[f_fCf,,f< fAfEfg fv^f^üfgfRf[<]],^Åfv^f^üfgfRf[<],^ð'^l'^ð,^μ,^È,[¢]^üé^ü‡,^í^üA^üä,^Åf_fCf,,f< fAfEfg-p,^é"d[~]b' fGf“fgfS,^ð\^ü-[·],[·],^é,^Æ,[«],^É,[»],^ìfv^f^üfgfRf[<],^ð'^l'^ð,^Å,[«],^Ü,^¹,^ñ^üB

f_fCf,,f< fAfEfg-p,^É^ü^ü-^³,^é,^À,[¢],^éf|^ü[fg,[¤],^é,^È,[¢]^üé^ü‡,^í^üA[f_fCf,,f< fAfEfg fv^f^üfgfRf[<]] f{fbfNfX,^í^üW^üF[•]\^Ž,^³,^é,^Ü,[·]^üB

[fT^ü[fo^ü[,ì]^üY^üè]

fSf,^ü[fg fNf%o^üfCfAf“fg,^Ö,^ìft^ü[frfX,^É RAS fRf“fsf...^ü[f[^],^ì^ž^g-^p,^Å,[«],^éfvf^üfgfRf[<],^ð'^l'^ð,^μ,^Ü,[·]^üB
RAS fT^ü[fo^ü[,[¤]Tf|^ü[fg,[·],^éSefvf^üfgfRf[<],^É^ü,[·],^éfpf%o^üf^ü[f[^],^à^ü^ü-[·],^μ,^È,[¬],^é,^î,^È,^è,^Ü,^¹,^ñ^üB^ü-[·]^p,^ìSef_fCfAf^üO f{fbfNfX,^í^üÚ^ü^ü,^É,^À,[¢],^À,^í^üAfwf^üfv,^ð^ŽQ^üÆ,^μ,^À,^¾,^³,[¢]^üB
[·]^üM-p,^É^ü^ü-^³,^é,^À,[¢],^éf|^ü[fg,[¤],^é,^È,[¢]^üé^ü‡,^í^üA[fIfbfgf^ü[fN,^ì^ü^ü-[·]] f_fCfAf^üO f{fbfNfX,^É [fT^ü[fo^ü[,ì]^üY^üè]
f{fbfNfX,^í^üŽ!,^³,^é,^Ü,^¹,^ñ^üB

[^Ã^üt%o»,ì]^üY^üè]

[fNfŠfA fefL^üXfg,^ð^š^Ü,^þ"C[^]Ó,^ì"F^üØ,^ð[<]-[%]^üÅ,[·],^é],^ð'^l'^ð,[·],^é,^Æ^üAfNf%o^üfCfAf“fg,[©],^ç-v^ü,^³,^é,^½,[¢],^{,,},^é,^ì"F^üØ
(MS-CHAP^üASPAP^üAPAP) ,^ð^ž^g,^À,^½^üÚ^ü±,^à[<]-[%]^üÅ,^μ,^Ü,[·]^üB,[±],^ì^üI^üV^üV^üf^ü,^í^üA[^]Ù,^È,^éfNf%o^üfCfAf“fg f^ü
ftfgfEfFfA,^ð^ž^g,^À,[¢],^é RAS fNf%o^üfCfAf“fg,[¤]^üÚ^ü±,[·],^éé^üé^ü‡,^É[~],^À,[·]^üB
[[^]^Ã^üt%o»,^³,^é,^½"F^üØ,[¤][•]K-v],^ð'^l'^ð,[·],^é,^Æ^üAPAP ,^ð^üœ,[¢],^½^üAfNf%o^üfCfAf“fg,[©],^ç-v^ü,^³,^é,^½,[¢]
^{,,},^é,^ì"F^üØ,^ð^ž^g,^À,^½^üÚ^ü±,^à[<]-[%]^üÅ,^μ,^Ü,[·]^üB,[±],^ì^üI^üV^üV^üf^ü,^ð'^l'^ð,[·],^é,^Æ^üA,^ç,^ì^üNf%o^üfCfAf“fg,^à[^]À^üt
%o»,^³,^é,^½^üp^üXf^ü[fh,^ì-^üM,^ð-v^ü,^³,^é,^Ü,[·]^üB
[Microsoft ^Ã^üt%o»"F^üØ,[¤][•]K-v],^ð'^l'^ð,[·],^é,^Æ^üAMS-CHAP ,^ì"F^üØ,^ð^ž^g,^À,^½^üÚ^ü±,^ì,^Ý,^ð[<]
[%]^üÅ,^μ,^Ü,[·]^üB[f^ü[f^ü[f[^],^ì^üÃ^üt%o»,[¤][•]K-v] f`f^üfbfN f{fbfNfX,^ð^{fl}f^ü,^É,[·],^é,^Æ^üA%o^üñ^üü^üÚ^ü±,^ð[%]^üî,^μ,^À[‘]
^üM,^³,^é,^é,[·],[×],^À,^ìff^ü[f[^],^ì^üÃ^üt%o»,^³,^é,^é,[±],^Æ,^ð[•]Ü^üØ,^À,[«],^Ü,[·]^üBWindows NT ,^ì RAS ,^À,^íAff^ü[f[^],^ì^üÃ^üt%o»,^í
RSA Data Security Incorporated ŽÐ,^ì RC4 fAf^üSf^üSfYf^ü,^ð^ž^g,^À,^ñ^üÝ,^³,^é,^Ü,[·]^üB

[f}f< f^üSf“fN,ð^ž^g,¤]

f_fCf,,f< fAf^üfv fIfbfgf^ü[fN,^ìf> f^üSf“fN<@",^íA•^ü"],^ì•"-^üI,Èf^üSf“fN,^ð[~]_^üI,È 1 ,^À,^ì"[©]"
,^É^{CE}^ü‡,^μ,^Ü,[·]^üB,[±],^ì•^üSf“fN,^È,^æ,^è^üA'Ñ^üæ^ü‡,^ð^üL,[·],^é,[±],^Æ^ü
,^Æ,[¤],^À,[«],^Ü,[·]^üBf}f< f^üSf“fN,[¤]^üÀ,^à[^]è"È" I,È^ž^g,^í,^é,^ì,^íAISDN f`fffff^ü,^ì^{CE}^ü‡,^À,[·],[¤]^üA•^ü”,^ìf,ffff^ü
,^ð^{CE}^ü‡,^³,^¹,^½,^è^üAf,ffff^ü,^Æ ISDN %o^üü,^ð^{CE}^ü‡,^³,^¹,^é,[±],^Æ,^à,^À,[«],^Ü,[·]^üBf}f< f^üSf“fN,^ð^ž^g,[¤],^È,^íAff^ü
‰o^üfCfAf“fg,^ÆfT^ü[fo^ü[,^ì-^¼[•]û,Àf}f< f^üSf“fN,[¤]^ü-L^{CE}^ü,^È,^À,^À,[¢],^È,[¬],^é,^î,^È,^è,^Ü,^¹,^ñ^üB
f}f< f^üSf“fN<@",^ì,^ð^ž^g,[¤],^È,^íA[f}f< f^üSf“fN,^ð^ž^g,[¤]] f`fFfbfN f{fbfNfX,^ð^{fl}f^ü,^È,^μ,^Ü,[·]^üB
'ü ,[±],^ìf,ffff^ü f{fbfNfX,^í^üAWindows NT Server fRf“fsf...^ü[f[^],^È,^μ,[©]"K-p,^³,^é,^Ü,^¹,^ñ^üB

[RAS fT][fo][TCP/IP ,í\-\-\-]

,±,íf_fCfAf“fg f{fbfNfX,Å,íATCP/IP fNf%oCfAf“fg,äfAfNfZfX,Å,«,é”í^í,ÆARAS fNf%oCfAf“fg,ÉŠ,,è“-,Å,é IP fAfhfCEfX,ðŽw’è,μ,Ü,·B

[fŠf,][fg TCP/IP fNf%oCfAf“fg,ÉfAfNfZfX,ð<-‰Å,·,é]

[f]fbfgf[]fN'S' flfbfgf[]fNä,íž'Œ¹,Ö,íf
] AfNfZfXŒ ,ðft[]fU[],É—
^,i,Ü,·B

,±,ífRf“fsf... ,±,ífRf“fsf...
[]f^,i,Y] []f^ä,íž'Œ¹,Ö,ífAfNfZfX
Œ ,i,Yft[]fU[],É—
^,i,Ü,·B

[fŠf,][fg TCP/IP fNf%oCfAf“fg,ífAfhfCEfXŠ,,è“-,Å,É DHCP ,ðŽg,¤]

RAS fT[fo][,íA]fŠf,][fg fNf%oCfAf“fg,í IP fAfhfCEfX,ð DHCP (Dynamic Host Configuration Protocol)[F “@“IfzfXfg[]—fvf[]fgfRf,) fT[fo][,çZæ“¾,Å,«,Ü,·BDHCP fT[fo][,íA'åK-í,Èflfbfgf[]fN,Å,íA“I,È IP fAfhfCEfX,“,æ,Ñ“@“I,È IP fAfhfCEfX,íS,,è“-,Å,ð'ñ,μ,Ü,·BDHCP fT[fo][,^—p,Å,«,éê‡,íA,± ,íflfvfVf‡“,ð'í'δ,μ,Å,,¾,³,¢B

[¤“ífAfhfCEfX fv][f,ðŽg,¤]

DHCP fT[fo][,ð—~—p,Å,«,È,¢ê‡,íAfNf%oCfAf“fg,ÉŠ,,è“-,Å,é,½,ß,í^é'e”í^í,í IP fAfhfCEfX,ð RAS fT[fo][,ÉŽw’è,Å,«,Ü,·B,±,í^í,íARAS fT[fo][,^@“@,·éfTfuflfbfg,Å—
LŒø,ÈfAfhfCEfX”í^í,Å,È,^,é,í,È,è,Ü,^,ñBŽw’è,·,é”í^í,íA%
,ífAfhfCEfX,ÆÅŒä,ífAfhfCEfX,ðA,»,^,é,È'‰z,·,é{fbfNfX,É“ü—í,μ,Ü,·B,È,,Æ,à 2 ,Å,í IP fAfhfCEfX,ðS,,è“-,Å,È,^,é,í,È,è,Ü,^,ñB1 ,Å,ífŠf,][fg fNf%oCfAf“fg—p,ÅA,à,¤ 1 ,Å,í RAS fT[fo][,íflfbfgf[]fN fAf_fv^,ÉŠ,,è“-,Å,ç,é,Ü,·B

RAS fT[fo][,ÉŽw’è,μ,½”í^í,ç^é•”,ífAfhfCEfX,ðœSO,·,é,É,íA[œSO]žn] f{fbfNfX,Æ [œSO]—¹]
f{fbfNfX,ÈfAfhfCEfX,ð“ü—í,μAŽY,É [’C‰Å] ,ðfNfŠfbfN,μ,Ü,·BœSO”í^í,ðœœ,·,é,É,íA[S,,è“-
ÅœSO”í^í] f{fbfNfX,çœœ,·,é”í^í,ð'í'δ,μAŽY,É [œœ] ,ðfNfŠfbfN,μ,Ü,·B

[fŠf,][fg fNf%oCfAf“fg,ÉŽ-‘O,É’è,ß,½ IP fAfhfCEfX,Å,í—v,ð<-‰Å,·,é]

fNf%oCfAf“fg,ÉA]fNf%oCfAf“fg,äŽw’è,μ,½fAfhfCEfX,ð—v,·,é,±,Æ,ð<-‰Å,μ,Ü,·BfNf
%oCfAf“fg,íA]f_Cf,fAfbfv flfbfgf[]fN,íGf“fgfS,ÅfAfhfCEfX,ðŽw’è,μ,Ü,·B

[RAS fT][fo][IPX ,i\o\o\o\o]

,±,ìf_fCfAf\fO f{fbfNfX,Å,í\o\IPX fNf%o\fCfAf“fg,²fAfNfZfX,Å,«,é”í^í,AE\ARAS fNf%o\fCfAf“fg,É IPX
flfbfgf\o\fN”Ô\o\t,ðS,,è“-,Ä,é•ù-@,ðZw’è,μ,Ü,·\oB
RAS fT\o[fo\o,í\o\IPX flfbfgf\o\fN,É\o\U’±,·,éfNf%o\fCfAf“fg,É IPX flfbfgf\o\fN”Ô\o\t,ð—^,·,Ü,·\oB,Ü,½\ARAS
fT\o[fo\o,í\o\ASAP fG\o\fWfFf“fg,AE,μ,È,¬,é,Î,È,è,Ü,¹,ñ\oB,±,ìf_fCfAf\fO f{fbfNfX,Å,í\o\ARAS
fT\o[fo\o,²fNf%o\fCfAf“fg,É IPX flfbfgf\o\fN”Ô\o\t,ðS,,è“-,Ä,é•ù-@,AE\ARAS
fT\o[fo\o,³f\o\fWfFf“fg,É IPX flfbfgf\o\fN,Ö,ìfAfNfZfX,à,ñ\oY,·,é,©,Ç,¤,© (RAS fNf%o\fCfAf“fg\o\ê—p,ì IPX f\o[f^,AE,μ,Ä<@\”\
,é,©,Ç,¤,©),ðZw’è,μ,Ü,·\oB

[f\o\f fg IPX fNf%o\fCfAf“fg,ÉfAfNfZfX,ð<-%oÄ,·,é]

[f\o\f fbfgf\o\fN'S\i] [,\pm,ìfRf“fsf... [\f^,ì,Y]	f\o\f fbfgf\o\fN\o\ä,ì\o\Z\o\CE,Ö,ìf AfNfZfX\o\CE,ðf\o\fU\o[,É— ^,·,Ü,·\oB ,\pm,ìfRf“fsf... [\f^,ì,Y] CE,ì,Y\o\fU\o[,É— ^,·,Ü,·\oB
--------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------

[ž\o\“®“I,Éf\o\f fbfgf\o\fN”Ô\o\t,ðS,,è“-,Ä,é]

RAS fT\o[fo\o,²\o\AC\o\>Y\o\Zg,í,ê,Ä,¢,È,¢ IPX flfbfgf\o\fN”Ô\o\t,ð’²,x\o\ARAS fNf%o\fCfAf“fg,ÉS,,è“-,Ä,Ü,·\oB

[f\o\f fbfgf\o\fN”Ô\o\t,ìS,,è“-,Ä]

fNf%o\fCfAf“fg,ÉS,,è“-,Ä,é,½,ß,ì^é“è”í^í,ì IPX flfbfgf\o\fN”Ô\o\t,ð\o\ARAS
fT\o[fo\o,ÉZw’è,μ,Ü,·\o\Bf\o\f fbfgf\o\fN\o\ä,Å\o\A”Ô\o\t,É,æ,Ä RAS fNf%o\fCfAf“fg,ðZ^-•È,·,é•K—
v,³, ,é\o\ê\o\#,í\o\A,±,ì IPX fAf\o\f X f\o\f v\o\f<,ðS,,è“-,Ä,é•ù-@,²\o\Ö—~,Ä,·\oB
žw’è,·,é”í^í,ì\o\A\o\%,ì\o\f fbfgf\o\fN”Ô\o\t,ð [S\o\Zn”Ô\o\t] f{fbfNfX,É”ü—í,μ,Ü,·\o\BRAS ,É,æ,Ä,Ä\o\A—~—p\o\Ä\“
,È\o\f fg,ì\o\“I,²\o\Z\o\“®“I,É\o\CE\o\“è,³,é\o\A\o\Ä\o\CE,ì\o\f fbfgf\o\fN”Ô\o\t,ðZ\o\Zo,³,é,Ü,·\oB

[·,x,Ä,ì IPX fNf%o\fCfAf“fg,É“-,ì\o\f fbfgf\o\fN”Ô\o\t,ðS,,è“-,Ä,é]

,±,ìf_fFfbfN f{fbfNfX,ðflf“,É,·,é,AE\o\A,·,x,Ä,ì IPX fNf%o\fCfAf“fg,É“-,ì\o\f fbfgf\o\fN”Ô\o\t,ðS,,è“-,Ä,é,±
,AE,³,Ä,«,Ü,·\o\B,±,ì\o\Y\o\è,É,·,é,AE\o\A\o\f fbfgf\o\fN\o\ä,ì RIP fAfifEf“fX,ì\o\TfCfY,²\o\¬,³,È,è,Ü,·\o\B,±,ìf_fFfbfN
f{fbfNfX,ðflf“,É,μ,½\o\ê\o\#,í\o\Af<\o\fefBf“fO fe\o\fuf<,É,í\o\AfAfNfefBfu,È,·,x,Ä,ì RAS fNf%o\fCfAf“fg,É’í,μ,Ä
,Ä,ì\o\f fbfgf\o\fN”Ô\o\t,μ,©'C\o\Ä,³,é,Ü,¹,ñ\o\B,±,ìf_fFfbfN f{fbfNfX,ðflf,É,μ,½\o\ê\o\#,í\o\Af<\o\fefBf“fO
fe\o\fuf<,É,í\o\AfAfNfefBfu,È\o\še RAS fNf%o\fCfAf“fg,É,Ä,¢,Ä 1 ,Ä,·,Ä\o\f fbfgf\o\fN”Ô\o\t,²\o\Z\o\Ä,³,é,Ü,·\oB

[f\o\f fg fNf%o\fCfAf“fg,É IPX fm\o\f fh”Ô\o\t,Ä,ì\o\U’±,ð<-%oÄ,·,é]

,±,ìf_fFfbfN f{fbfNfX,ðflf“,É,·,é,AE\o\A\o\f Sf,ì\o\fg fNf%o\fCfAf“fg,í\o\ARAS fT\o[fo\o[,É,æ,èS,,è“-
,Ä,ç,é,½\o\fm\o\f fh”Ô\o\t,Ä,í,È,·\o\A\o\Z\o\•\o\ê—p,ì IPX fm\o\f fh”Ô\o\t,ð—v\o\,Ä,«,é,æ,¤,É,è,Ü,·\o\B\o\f Sf,ì\o\fg fNf
%o\fCfAf“fg,²\o\Z\o\•\o\,Ä\o\f fm\o\f fh”Ô\o\t,ðZw’è,Ä,«,é,æ,¤,É,·,é,AE\o\A\o\f fbfgf\o\fN,ÉfZfLf...f\o\f SfefB\o\ä,ì-â’è,³\o\P,·,é
%o\Ä”\o\«,³,é,è,Ü,·\o\B\o\Z\o\•\o\,Ä\o\f fm\o\f fh”Ô\o\t,ðI,Ô,±,AE,³,Ä,«,é,AE\o\A\o\f Nf%o\fCfAf“fg,²\o\A\o\Z\o\•\o\O\o\T\o[fo\o[,É\o\U’±
,μ,Ä,¢,½\o\È,ì\o\Nf%o\fCfAf“fg,É,È,è,·,Ü,μ\o\A,»,ì\o\Nf%o\fCfAf“fg,²\o\A\o\f NfZfX,μ,Ä,¢
,½\o\f fbfgf\o\fN\o\Z\o\,É\o\A\o\f NfZfX,·,é,±,AE,à,Ä,«,é,©,ç,Ä,·\o\B

[X.25 PAD ,ífCf“fXfg][f<]

,±,íf_fCfAf]fO f{fbfNfX,íÜARAS ,É X.25 f|]fg,ð'Ç‰Á,·,é,Æ,«,ÉŽg,¢,Ü,·]B

▪ f|]fg-¼,ðŽw'è,µ,Ü,·]B

▪ X.25 PAD ,ðŽw'è,µ]A[OK] ,ðfNfŠfbfN,µ,Ü,·]B

[X.25 PAD ,ì-¼'Ø,ð'I,ñ,À,,¾,³,¢] f{fbfNfX,É-Ú“I,ì PAD -¼,²•\Ž!,³,ê,Ä,¢,È,¢]ê]#,í]APAD.INF ,É,»,ì PAD ,ífGf“fgfS,ð'Ç‰Á,µ,À,,¾,³,¢]B]Ú]x,É,À,¢,Ä,í]A]wWindows NT Server f]fbfgf]N fKfCfh]x,ì]u'æ 9
í]@X.25 PAD fTf]fg]v,ðŽQ]Æ,µ,Ä,,¾,³,¢]B

[f,fff€,ic€Ylo]

RAS ,í 1 ,Â^Èä,ìf,fff€,ðŒYlo,μ,Ü,μ,½B^ê—,—,©,ç³,μ,¢f,fff€,ð'l'ð,μ,Ä,,¾,³,¢B

