

## [‘S”Ê]

[‘S”Ê] f^fu,đŽg—p,μ,Ä ANNTP %¼’zfT[fO[,žg—p,·,é IP fAfhfCEfX,Æ TCP f|[fg,đŽw’è,μ,Ü,·B,±  
,ìvf|[pfefBÝ’è—p,ìf^fu,đŽg—p,μ,Ä AfNf%ofCfAf”fg,ì“`ŽžÚ’±” ,đ\$CEÀ,Å,«,Ü,·B,Ü,½ ANNTP  
%¼’zfT[fO[,ìf+|[fU[,đ’ÇÖ,·,é,½,ß,É AMicrosoft Internet Information Service f|fO,ÖfAfNfZfX  
ff|[f^,đo—í,Å,«,Ü,·B



[¼’O]



[IP fAfhfCEfX]



[Úx]



[Ú’±]



[f|fOŽùW,đ—LCEø,É,·,é]



[fAfNfefBfu f|fOCE`Ž®]



[Path fwfbf\_[]]

**[-¼'Ö]**

NNTP %o¼'zft[fö[[-¼'Ö,ð"ü—í,µ,Û,·B,±,±,Å'í'ð,µ,½-¼'Ö,íAfCf"f^[]f[]fbfg ft[][frfX f}f[][fWff,É•\  
Ž|,³,ê,Û,·B

**[IP fAfhfĈfX]**

Microsoft Windows 2000 Server,đŽÀ□s,μ,Ä,ç,Ä□AMicrosoft NNTP Service ,²”z’u,³,ê,Ä,ç,éRf“fsf...  
□[f^,Å’è<` ,³,ê,Ä,ç,é IP fAfhfĈfX,đ’l’đ,μ,Ü,·□BfRf“fgf□□[f< fpflf<,ì [flfbfgf□□[fN,Æf\_fCf,,f<fAfbfv□Ú’±]  
,©,ç•i□”,ì IP fAfhfĈfX,đ□□→,Ä,«,Ü,·□B

[Ú×]

,±,lf{f^f“,đfNfŠfbfN,·,é,Æ [Ú×] fEfBf“fhfE,ªŠ],«A,±,ì NNTP %¼'zfT[fo[.É'î,µ,Ä·i“,) IP  
fAfhfÆfX,đŠ,,,è“-,Ä,é,±,Æ,ª,Å,«,Û,·B

## [Ú±]

,±,if{f^f",ðfNfŠfbfN,·,é,ÆA[Ú±] fEfBf"fhfE,ªŠ),«,Ü,·B[Ú±] fEfBf"fhfE,Å,íANNTp  
%¼'zft[fo[,É" Žž,ÉÚ±,Å,«,éjff...[fX fNf%ofCfAf"fg,ì",ðÝ'è,Å,«,Ü,·B,Ü,½A,»,ì,Ü,©,É,à,ç,-  
,Å,©,ìfifvVf+f",ª, ,è,Ü,·B

**[f]foŽû[W,đ-LCEø,É,·,é]**

,±,ìfìfvfVf#f“,đŽg—p,μ,ÄANNTp %o¼'zft[f]o[.ÌŠ^“ ©,đ'Ç[Ö,·,é,½,β,ÉAf]gf%of“fUfNfVf#f“  
ff[f^,ìf]fo[o—Í,đ—LCEø,É,μ,Û,·BMicrosoft NNTP Service ,Ö,ìft[f]U[.ìÚ'±,âA<LŽ-,ìŽæ“¾A<LŽ-  
,ì“Š[e]A, ,é,ç,ìft[f]U[.ìØ'f,È,Ç,ì^—,ª<N,±,é,½,Ñ,ÉAMicrosoft NNTP Service ,É,æ,Á,Äf]fo  
f]EfR[f]h,ª',«ž,Û,è,Û,·BŠù'è,ìf]fo ft]@f]Cf<,ìêŠ,íAC:\WINNT\System32\LogFiles\Nntpsvc1 ,Å,·B  
f]fo[o—Í,đ—LCEø,É,·,é,É,íA[%o¼'zffB]f]E]N]f]g]f]Š] f\_]f]C]f]A]f]o f\_{f]b]f]N]f]X,É, ,é [f]A]f]N]f]Z]f]X,đf]fo[o—Í,·,é]  
f`f]f]b]f]N f\_{f]b]f]N]f]X,àf]f“,É,·,é•K—v,ª, ,è,Û,·B

**[fAfNfefBfu fOCE`Ž®]**

f[]bfZ[]fW fgf%of“fUfNfVf#f“,đ’Ç[]Ö,·,é,½,ß,ìf[]fO[]o—íCE`Ž®,đ 4 ,Â,ìCE`Ž®,©,ç’l’đ,Â,«,Ü,·[]BMicrosoft Internet Information Services (IIS) ,ìf[]fO ftf@fCf<CE`Ž®,íCEÁ’è ASCII CE`Ž®,Â,·[]BŠù’è,ìf[]fVf#f“,Â, ,é W3C Šg’£f[]fO ftf@fCf<CE`Ž®,í ASCII CE`Ž®,Â,·[]B,±,ìCE`Ž®,ìf[]fXf^f}fCfY,ª%oÂ”\,È,½,ß[]A’Ç[]Ö,·,é[]€-Ú,đ’l’đ,Â,«,Ü,·[]BNCSA (National Center for Supercomputing Applications) <ª’Êf[]fO ftf@fCf<CE`Ž®,íCEÁ’è ASCII CE`Ž®,Â,·[]BODBC f[]fO[]o—íCE`Ž®,í[]AODBC []€<’,ìf[]f[]f^f×[]fX,đŽg—p,μ,Ä[]ACEÁ’èff[]f^ ftfB[]f<fh fZfbfg,Éf[]fO[]o—íff[]f^,đŠi”[,μ,Ü,·[]B

**[Path fwfbf\_[]]**

Šejjf...[]fX,ì"Š[]e,Å Path []s,É'í,μ,ÄŽg—p,³,ê,é•¶Žš—ň,ð"ü—í,μ,Ü,·[]B



**[Ú×]**

,ìfìfvfVf#f“,đŽg—p,μ,ÄA,±,ì NNTP %¼'zfT[fo[,ì IP fAfhfÇfX,âATCP f|[fg”Ô+ASL f|[fg”Ô+,'Ç%ÁAíœA,Ü,½,í•ÖW,μ,Ü,·B

,±,ì NNTP %¼'zfT[fo[,³%ž“š,·,é IP fAfhfÇfX,đ,³,ç,É'Ç%ÁA'è<` ,·,é,±,Æ,³,Ä,«,Ü,·Bft|[fU[,íA,± ,±,Ä'è<` ,³,é,½ IP fAfhfÇfX,ì,ç,·,é,©,đŽg—p,μ,Ä NNTP %¼'zfT[fo[,ÖÚ'±,Ä,«,Ü,·B^ê”Ê,ÉAŠe IP fAfhfÇfX,É,íCEÄ—L,ì DNS -¼,³š,,è“-Ä,ç,é,Ü,·B

[,±,ì%¼'zfT[fo[,Ä,í•j”,ìŽ`•Êî•ň,đ\→,μ,Ü,·]

[IP fAfhfÇfX]

[TCP f|[fg]

[SSL f|[fg]

[ 'Ç%Á]

[•ÖW]

[íœ]

[,±,ì%¼'zft[fó[.Ä,ì•i",ìž•Éî•ñ,ð\→,μ,Û,·]

,±,ì NNTP %¼'zft[fó[.Öš,,è“-Ä,ç,è,Ä,ç,éŠe IP fAfhfCefX[A,“,æ,ŃŠefAfhfCefX,ì TCP f[fg,è—•\  
Ž,³,è,Û,·Bft[fU[.í[A,±,ì^è—,É, ,é,ç,,è,©,ì IP fAfhfCefX,ðžg—p,μ,Ä NNTP %¼'zft[fó[.ÖÚ'±  
,Å,«,Û,·BŠe NNTP %¼'zft[fó[.í[AIP fAfhfCefX,Æ TCP f[fg,ì'g,Ý[†,í,¹,É,æ,Á,Äž•É,³,è,Û,·B

**[IP fAfhfĀfX]**

,±,ì NNTP %o¼'zft□[fo□[,žg—p,·,é IP fAfhfĀfX,â^ê—•\Ž!,³,ê,Ü,·□B

## [TCP f|[fg]

SSL ^Ã+>%»•ûŽ®,đŽg—p,μ,È,çê±,ÉA,±,ì NNTP %¼'zft|[fo[.ÉÚ'±,·,éNf%ofCfAf“fg,ªŽg—p,·,é  
TCP f|[fg,ª•\Ž!,³,ê,Ü,·BŠù'è,ìf|[fg”Ô+,í 119 ,Å,·B

## [SSL f][fg]

SSL ^Ã+‰»•ûŽ®,đŽg—p,·,éê±,ÉA,±,ì NNTP %¼'zft[fo[,ÉÚ'±,·,éfNf%fCfAf“fg,ªŽg—p,·,é SSL  
f[fg,ª·\Ž;ª,è,Ü,·BŠù'è,ìf[fg"Ô+·,í 563 ,Å,·B

## [ 'Ç%Á ]

[ 'Ç%Á ] , ðfNfŠfbfN, µ, Ä [ Ž · É ] fEfbf“fhfE, ðŠJ, «A, ±, ì NNTP %¼'zfT[fó[, ìV, µ, ç IP fAfhfÇfX, ð'Ç  
%Á, µA, » , ì IP fAfhfÇfX, ìf[fg"Ô†, ð' ð, µ, Ü, ·

## [•ÖW]

'I'δ,μ,½ IP fAfhfCEfX,İf|□[fg"Ô□t,δ•İ□X,·,é,É,í□A[•Ö□W] ,đNfŠfbfN,μ,Ä [Ž·Ê] fEfBf"fhfE,đŠ),«,Ü,·□B

**[íœ]**

'đ,μ,½ IP fAfhfœfX,đíœ,·,é,É,íA[íœ] ,đNfŠbfN,μ,Ü,·B



**[Ž•Ê]**

- ±, Ì NNTP %¼'zft[fó[, ÌV, µ, ¢ IP fAfhfÆfX, Æ TCP f|[fg"Ôt, Ü, ½, Í SSL f|[fg"Ôt, ð"ü—Í, µ, Ü, ·B
- ↓ [IP fAfhfÆfX]
- ↓ [TCP f|[fg]
- ↓ [SSL f|[fg]

**[IP fAfhfĈfX]**

Microsoft Windows 2000 Server ,đŽÄs,μ,Ä,č,ÄAMicrosoft NNTP Service ,ª”z’u,³,ê,Ä,č,éRf”fsf...  
□[f^,Å’è<` ,³,ê,Ä,č,é IP fAfhfĈfX,đ’l’đ,μ,Ü,·□BfRf”fgf□□[f< fpflf<,ì [flfbfgf□□[fN,Æf\_fCf,,f<fAfbfv□Ú’±]  
,©,ç•i□”,ì IP fAfhfĈfX,đ□□→,Ä,«,Ü,·□B

## [TCP f|[]fg]


Microsoft NNTP Service ,<sup>a</sup>“®[]ì,·,é TCP f|[]fg”Ô[]t,ð“ü—í,μ,Û,·[]BŠù’è,ìf|[]fg”Ô[]t,í 119 ,Ä,·[]BNNTTP  
%o¼’zfT[]fo[][,í IP fAfhf[]fX,Æf|[]fg”Ô[]t,ì’g,Ý[]#,í,<sup>1</sup>É,æ,Á,ÄŽ<sup>-</sup>•É,<sup>3</sup>è,é,½,ß[]A•i[]”,ì NNTP  
%o¼’zfT[]fo[][,Ä,»,è,¼,è^Ù,É,é IP fAfhf[]fX,<sup>a</sup>Š,,,è“-,Ä,ç,è,Ä,ç,é[]è[]#,í[]A,»,ì•i[]”,ìfT[]fo[][,Ä“<sup>-</sup>,¶ TCP f|  
[]fg,ðŽg—p,Ä,«,·,·[]BŠù,ÉŽg—p,<sup>3</sup>è,Ä,ç,é IP fAfhf[]fX,Æ TCP f|[]fg”Ô[]t,ì’g,Ý[]#,í,<sup>1</sup>ð NNTP  
%o¼’zfT[]fo[][,ÖŠ,,,è“-,Ä,½[]è[]#[]A,»,ì%o¼’zfT[]fo[][,í<N“® ,μ,Û,<sup>1</sup>ñ[]B[]V,μ,çf|[]fg”Ô[]t,ð—  
L[]Eø,É,·,é,É,í[]Afrf“fsf...[]f^,ð[]Ä<N“® ,μ,Û,·[]B


## [SSL f|[]fg]

SSL (Secure Sockets Layer) ,ì^Ã[]+%»•ûŽ® ,đŽg—p,μ,Ä,ç,éê[]‡,É[]AMicrosoft NNTP Service ,Ö,ì[]Ú'±  
,ÉfNf%ofCfAf“fg,aŽg—p,·,·,é TCP f|[]fg”Ô[]t,đ“ü—í,μ,Û,·[]BCEÅ—L,ì SSL f|[]fg”Ô[]t,đ“C^Ó,É“ü—  
í,Å,«,Û,·[]BSù'è,ìf|[]fg”Ô[]t,í 563 ,Å,·[]B[]V,μ,çf|[]fg”Ô[]t,đ—LCEø,É,·,é,É,í[]AfRf“fsf...  
[]f^,đ[]Å<N“® ,μ,Û,·[]B

## [Ú'±]

,±,ìfEfBf“fhfE,đŽg—p,μ,ÄANNTTP %¼'zfT[fo[Ö,ìÚ'±”,đ\$CEÀ,μ,Ü,·B,Ü,½AfAfNfefBfu,Ä,È,†fjf...  
[fX fNf%ofCfAf“fg,<sup>a</sup> Microsoft NNTP Service ,Ö,ìÚ'±,đ^ÚŽ,Ä,«,éŠúŠÔ,đ\$CEÀ,·,éÝ'è,đ,±,±,Äs,±,  
Æ,<sup>a</sup>Ä,«,Ü,·B

 [Ú'±”,đ\$CEÀ,·,é]

 [f^fCf€fAfEfg (•<sup>a</sup>)]

**[Ú±”,đšĀ,·,é]**

,±,ì NNTP %¼'zft[fó[ÉÚ±,Ā,«,éjff...[fX fNf%ofCfAf“fg,ìĀ'â“`ŽžÚ±”,đ“ü—  
Í,μ,Û,·BŠù'è,ìÚ±”,í 5000 ,Ā,·B,Û,½A,±,ìf`fFbfN f{fbfNfX,đfjft,É,·,é,±,Æ,ĀAÚ±”,ìšĀ,đ  
%đœ,Ā,«,Û,·B

**[f^fCf€fAfEfg (•ª)]**

fAfNfefBfu,Å,È,çfNf%ofCfAf“fg,ª NNTP %o¼'zft□[fo□[.É□Ú'±,·,éŽžŠÔ,ð,±,ìf|fvfVf†f“,ðŽg—  
p,μ,Ä□\$CEÀ,μ,Ü,·□BfAfNfefBfu,Å,È,çfjf...□[fX fNf%ofCfAf“fg,ì□Ú'±,ª^ÚŽ□,³,é,éŽžŠÔ,ð•ª'P^Ê,Å“ü—  
í,μ,Ü,·□BŠù'è'l,í 10 •ª,Å,·□B

## [fAfNfZfX]

[fAfNfZfX] f^fu,đŽg—p,μ,ÄANNTp %¼'zfT[fo[.Ö,İfNf%oCfAf“fg fAfNfZfX,đ\—,μA'—MfZfLf...  
fŠfefB,đŠm—s,μ,Ü,·B[fAfNfZfX\$CEä] ,Á,ÍAMicrosoft NNTP Service ,Á“½-¼fAfNfZfX,đ<-%Â,·,é,±  
,Æ,ª,Ä,«,·Ü,·B,Ü,½Aft[fU[-¼,ÆfpfXf[fh,ì“ü—í,đft[fU[.É<[.ß,é,±,Æ,à,Ä,«,·Ü,·B[fZfLf...  
fŠfefB·ÜCEì,³,ê,½'Ê[M] ,đŽg—p,·,é,ÆA%¼'zfT[fo[.ÁfAfNfZfX,ª<-%Â,³,ê,½CEä,İfZfLf...  
fŠfefB,đŸ'è,Ä,«,·Ü,·B[Ú'±\$CEä] ,đŽg—p,·,é,ÆA'Á'è,İft[fU[.Ü,½,İfOf<[fv,É'í,μ,Ä  
%¼'zfT[fo[.İŽg—p,đ<-%Â,Ü,½,Í<'Ü,Ä,«,·Ü,·B

☑ [ "F∅ ]

☑ [ ∅-¾ ]

☑ [ Ú'± ]



**["FØ]**

1 ,Å^Èã,ì"FØ•û-@,ð'ð,Å,«,Ü,·B["FØ] ,ðNfŠfbfN,·,é,Æ ["FØ•û-@]  
fEfBf"fhfE,ŠJ,«A"FØfjfvfjff",Š•Ž,³,ê,Ü,·B

【☐-¾☐’】

,±,ì<@”\,í☐AMicrosoft NNTP Service ,Ö,ì☐Ú’±,É SSL (Secure Sockets Layer) ,đŽg—p,·,é,±,Æ,đfNf  
%ofCfAf”fg,É—v<☐,·,é,±,Æ,É,æ,Á,Ä☐A’—☐Mff☐[f^,ì^Ä☐+‰o»»,đ•Ú☐Ø,μ,Û,·☐B【☐-¾☐’】  
,đfNfŠfbfN,μ,ÄfT☐[fo☐【☐-¾☐’fEfBfU☐[fh,đŠJ,«,Û,·☐B

**[Ú±]**

fjf...[fXfOf<[fv,Ö,lfAfNfZfX,ð\$CEÀ,·,élfvfVf#f“ ,ª,ç,,Ä,©—p^Ó,³,è,Ä,ç,Ü,·B[Ú±]  
·ðNfŠfbfN,µ,Ä\$CEÀ—p,lfvfVf#f“ ,ð·\Ž,µ,Ü,·B

Šù'è,Ä,íANNTp %¼'zFT[fö[í,·,×,Ä,ì IP fAfhfCEfX,©,çfAfNfZfX%Ä`\  
,Ä,·B,½,¾,µA,æ,è'â,«,ÈfOf<[fv,É'í,µ,ÄfAfNfZfX,ð<-%Ä,Ü,½,í<'Ü,µ,Ä,ç,Ä,àA, ,é'Á'è,ì IP  
fAfhfCEfX,É'í,µ,ÄfAfNfZfX,ð<-%Ä,Ü,½,í<'Ü,·,é,±,Æ,ª,Ä,«,Ü,·B'P^è,ì IP  
fAfhfCEfX,ðŽw'è,µ,Ä\$CEÀ,ðÝ'è,·,é,±,Æ,à,Ä,«,·B,Ü,½AfTfufIfbfg f}fXfN,ðŽg—p,µ,ÄfOf<[fv  
%» ,³,è,½fAfhfCEfX,ðŽw'è,µ,½,èA,Ü,½,lfhf[Cf“ -¼,ðŽw'è,µ,Ä\$CEÀ,ðÝ'è,·,é,±,Æ,à%Ä`\,Ä,·B

["FØ•û-@]

1 ,Å^Èã,ì"FØ•û-@,ð'ð,μ,Û,·BMicrosoft NNTP Service ,íft[fU[,ìŽ·Êî•ñ,ðŠm"F,μA—v<[,³,ê,½"à  
—e,Ö,ìfAfNfZfX,ð Windows fAfNfZfX[§EäfŠfXfg (ACL) ,ìÝ'è,É[,Á,Ä<-‰Â,μ,Û,·B



["½-¼,ð<-‰Â,·,é]



[Šî-{"FØ]



[Windows fZfLf...fŠfefB fpfbfP[fW]



[SSL fNf‰fCfAf"fg"FØ,ð—LCEø,É,·,é (fT[fO[,ìØ-¾[,ª•K—v)]



[SSL fNf‰fCfAf"fg"FØ,ð—v<[,·,é]



[Windows ft[fU[ fAfJfEf"fg,Ö,ìfNf‰fCfAf"fgØ-¾[,ìf}fbfsf"fo,ð—LCEø,É,·,é]

["½-¼,đ<-%oĀ,·,é]

,·,×,Ā,ĭNf%ofCfAf“fg,<sup>a</sup>,±,ĭffBfĈEfNfgfŠ,ì“à—e,ÖfAfNfZfX,Ā,«,é,æ,ɹ,É,·,éêë,í□A,±,ĭf`fFfbfN  
f{fbfNfX,đfĭf“,É,μ,Ü,·□Bft□[fU□[-¼,ÆfɸfXf□□[fh,í•K—v, ,è,Ü,<sup>1</sup>,ñ□B["½-¼] ,đfNfŠfbfN,·,é,Æ ["½-  
¼fAjjfEf“fg] fEfBf“fhfE,<sup>a</sup>Š],«,Ü,·□B["½-¼fAjjfEf“fg] fEfBf“fhfE,Ā,í□A“½-¼f□fOflf“Žž,ÉŽg—p,·,é  
Windows 2000 fAjjfEf“fg,đ'ı'đ,Ā,«,Ü,·□B

**[Šî-{"FØ}]**

Šî-{"fNfŠfA feLfxfg) fpfXf[fh"FØ,ð—LCEø,É,·,éê±,íA,±,lf`ffbfN f{fbfNfX,ðfif",É,μ,Ü,·BNNTP  
 ,Å,íAfNfŠfA feLfxfg) fpfXf[fh,ðŠî,É"FØ,ðs,κ AUTHINFO ,ÆCEÄ,Î,é,éfvf[fgrf<,ə'è` ,³,é,Ä,ç  
 ,Ü,·BMicrosoft NNTP Service ,Å,íA,±,lfNfŠfA feLfxfg) fpfXf[fh"FØfvf[fgrf<,əŠî-  
 {fpfXf[fh"FØ,Æ,μ,ÄfTf|[fg,³,é,Ä,ç,Ü,·B,Ü,½AMicrosoft NNTP Service ,Å,íAMicrosoft NNTP  
 Service ,Æ NNTP fNf%ofCfAf"fgŠÖ,Å,ì<@-šff[f^,ì"zM,ðfTf|[fg,·,é,½,β,ÉA,±,lfvf[fgrf<,ðŠg'É,μ,Ä,ç  
 ,Ü,·BMicrosoft NNTP Service ,Å,Í,±,ì<@"\,ðANNTT AUTHINFO ,ìŠg'£Žd—l,Æ,μ,Ä'ñ<Ÿ,μ,Ä,ç,Ü,·B

**[Windows fZfLf...fŠfefB fpfbfP[fW]**

,±,ìfìfvfVf#f“,ð‘l’ð,·,é,Æ□AWindows 2000 Server ,É‘•”ð,³,ê,Ä,ç,é•W□€fZfLf...fŠfefB fpfbfP[fW,ìfZfLf...  
fŠfefB f□fjffjYf€€,ð—LCEø,É,Å,«,Ü,·□B,±,ìfZfLf...fŠfefB<@“\,É,æ,Á,Ä□AŠé<Æ,íCEÚ<q,É‘í,μ,ÄfZfLf...  
fŠfefB,Å•ÚCEì,³,ê,½f□Ofìf“ fT□[fX,ð’ñ<ÿ,Å,«,Ü,·□B“à•”fVfXfef€,ÅŠù,É Windows fZfLf...fŠfefB  
fpfbfP[fW,ðŽg—p,·,é%¼‘zfT□[fo□[,Å, ,ê,î□A‘P^ê,ì<κ‘É,μ,½fZfLf...fŠfefB f□fjffjYf€,ì□ì—p,É,æ,Á,Ä—  
~“\_„³¼,ç,ê,Ü,·□B

Windows fZfLf...fŠfefB fpfbfP[fW”F□Ø,íft□[fU□[,ì”F□Ø,É^Ã□+%»»,ð“K—p,·,é,½,ß□Aflfbfgf□□[fNCEo—  
R,ÅŽÅ□Ü,ìfpfXf□□[fh,ð—□M,·,é,±,Æ,ðft□[fU□[,É—v<□,μ,Ü,¹,ñ□B□Ú□×,É,Å,ç,Ä,í□AMicrosoft Internet  
Information Services ,ìfhfLf...f□“fg,ðŽQ□Æ,μ,Ä,³¼,³,ç□B

’□ Windows fZfLf...fŠfefB fpfbfP[fW,ðŽg—p,·,é,É,í□AWindows fZfLf...fŠfefB fpfbfP[fW”F□Ø,ðfTf|  
□[fg,·,éjff...□[fX fNf%□fCfAf“fg,ª•K—v,Å,·□BMicrosoft Outlook Express ,í Windows fZfLf...fŠfefB  
fpfbfP[fW”F□Ø,ðfTf|□[fg,μ,Ü,·□B





**[SSL fNf%oCfAf“fg”F∅,đ—v<□,·,é]**

,±,ìfìfvfVf†f“,đŽg—p,μ,Ä□ASSL ^Ã□†%o»,đ“K—p,μ,½f†□[fU□[-¼,ÆfpfXf□□[fh,đ“ü—í,·,é,æ,α,ÉfNf  
%oCfAf“fg,É—v<□,μ,Ü,·□B

**[Windows ftt[fU[f AfjJfEf“fg,Ö,lfNf%ofCfAf“fgØ-¾‘,lf}fbfsf“fO,ð—LÆø,É,·,é]**

fNf%ofCfAf“fg f\ftfgfEjFfA,É SSL fNf%ofCfAf“fgØ-¾‘,afCf“fXfg[f<,³,è,Ä,ç,éê±,íA,»,ìØ-¾‘,ÉŠ,,è“-,Ä,ç,è,Ä,ç,é Microsoft Windows fAfjJfEf“fg,ðŽg—p,μ,ÄAft[fU[δ”FØ,μ,Ü,·B[fNf%ofCfAf“fg,lf}fbfsf“fO] ,ðfNfŠfbfN,μ,ÄAØ-¾‘,Æ Windows ,lfAfjJfEf“fg-¼,ð“ü—í,μ,Ü,·B

**[“½-¼fAfJfEf“fg]**

,±,lfEfBf“fhfE,đŽg—p,μ,ÄAMicrosoft NNTP Service ,Ö,ì“½-¼fAfNfZfX,ÉŽg—p,·,é Microsoft Windows  
fAfJfEf“fg,đ'í'đ,μ,Ü,·B



[ft[fU[-¼]



[fpfXf[fh]



[fpfXf[fh,í“Šú,đŽ©“@,É,·,é]

## [ft][fU][1/4]

Windows 2000 fAjjEj“fg,đ“ü—í,μ,Ü,·□B,±,lfAjjEj“fg,É—^,¡,½fAfNfZfX<-‰oÂ,É,æ,Á,Ä□A“½-¼ft□[fU□[,ª  
—~—p,Å,«,éjjf...□[XfOf<□[fv,ªCE^,Ü,è,Ü,·□B,Ü,½□A[ŽQ□Æ] ,đfNfŠfbfN,μ,Ä Windows  
fAjjEj“fg,đ'í'đ,Å,«,Ü,·□B

## [fpfXf][fh]

Windows 2000 fAjjEj“fg,ÅŽg—p,·,éfpfXf[fh,đ“ü—í,μ,Û,·B[Šm“F] ,đNfŠfbfN,·,é,Æ[Aft][fU][—  
¼,ÆfpfXf[fh,ì'g,Ý[‡,í,<sup>1</sup>,<sup>2</sup>—LÆø,©,Ç,¤,©Šm“F,Å,«,Û,·B

[f]p[X]f [f]h,ì“Šú,đŽ©“®,É,·,é]

[f]p[X]f [f]h,ì“Šú,đŽ©“®,É,·,é] f`fFbfN f{fbfNfX,đf]f“É,·,é,Æ Windows 2000 Server  
,Åf]p[X]f [f]h,đ•ï[X,μ,½,Æ,«,É Microsoft NNTP Service ,]f]p[X]f [f]h,đŽ©“®“I,É[X[V,³,ê,Ü,·B

**[Ú±]**

fNf%oCfAf"fg IP fAfhfCEfX,Ü,½,ÍfhfCf"-¼,É,æ,Á,Ä NNTP

%¼'zft[fö,Ö,ÍfAfNfZfX,ð\$CEÀ,·,éê±,íA^È%º,ÍfVfVf" ,ðŽg—p,µ,Ü,·B

,·,×,Ä,ÍRf"fsf...[f^,É'í,µ,ÄfAfNfZfX,ð<-%Á,µ,½CEãA,±,Í<[f<,ì—áŠO,Æ,µ,ÄA"Á'è,ÍRf"fsf...

[f^,É'í,µ,ÄfAfNfZfX,ð<'Ü,Ä,«,Ü,·B"—I,ÉA,·,×,Ä,ÍRf"fsf...

[f^,É'í,µ,ÄfAfNfZfX,ð<'Ü,µ,ÄA"Á'è,ÍRf"fsf...[f^,É'í,µ,ÄfAfNfZfX,ð<-%Á,·,é,±,Æ,ª,Ä,«,Ü,·B

↓ [^È%º,ÍŠfXfg,ÉŠÜ,Ü,è,éRf"fsf...[f^,ì,Ý]

↓ [^È%º,ÍŠfXfg,ÉŠÜ,Ü,è,éRf"fsf...[f^ÈŠO,ì,·,×,Ä]

↓ [fAfNfZfX]

↓ [IP fAfhfCEfX (f}fXfN)/fhfCf"-¼]

↓ [ 'Ç%Á]

↓ [íœ]

[^È%º,İfŠfXfg,ÉŠÜ,Ü,ê,éfRf“fsf...[f^,İ,Ý]

,±,İ^ê—,É'Ç%Á,μ,½“Á'è,İfAfhfÇfX,“,æ,Ñfhf□fCf“,ð□œ,,·,×,Ä,İ IP

fAfhfÇfX,É'İ,μ,ÄfAfnfZfX,ð<“Ü,·,é□ê□±,Í□A[^È%º,İfŠfXfg,ÉŠÜ,Ü,ê,éfRf“fsf...[f^,İ,Ý] f`fFfbfN

f{fbfNfX,ðfİ“,É,μ,Ü,·□B



[^È%º,ìfŠfXfg,ÉŠÜ,Ü,ê,éfRf“fsf...[f^ÈŠO,ì,·,×,Ä]

,±,ì^ê—,É'Ç%ºÁ,μ,½“Á'è,ìfAfhfCfX,“,æ,ÑfhfCf“,ðœ,,·,×,Ä,ì IP fAfhfCfX,É'í,μ,ÄfAfNfZfX,ð<-  
%ºÁ,·,éê±,íA[^È%º,ìfŠfXfg,ÉŠÜ,Ü,ê,éfRf“fsf...[f^ÈŠO,ì,·,×,Ä] f`fFbfN f{fbfNfX,ðfI“,É,μ,Ü,·B

[fAfNfZfX]

^ê—,lfAfhfCefX,Ü,½,lfhfCf“,i%oi,É [←-%oÂ] ,Ü,½,í [←"Ú] ,ª•\Ži,³,ê,Ü,·B

[IP fAfhfCefX (f}fXfN)/fhfCf“-¼]

fAfNfZfX,ð<-‰oÂ,Û,½,í<“Û,μ,½ IP fAfhfCefX,“,æ,ÑfhfCf“-¼,ª•\Ž!,³,ê,Û,·B

## [ 'Ç%oÁ ]

[ 'Ç%oÁ ] ,đfNfŠfbfN,μ,Ä□A[fRf“fsf...□[f^ ] fEfBf“fhfE,đŠJ,«□A“Á'è,ì IP fAfhfÇEfX,Ü,½,ífhf□fCf“-  
¼,É'í,μ,ÄfAfNfZfX,đ<-%oÁ,Ü,½,Í<'“Ū,μ,Ū,·□B

**[íœ]**

[íœ] ,đNfŠfbfN,μ,ÄA^ê—, ©,ç'l'đ,μ,½ IP fAfhfCEfX,Ü,½,ÍhfCf“ -¼,đíœ,μ,Ü,·B

## [fRf"fsf...[f^]

fAfNfZfX,đ<-‰Ŧ,Ŧ,½,í<'Ŧ,·,éAfhfCEfX,ìŽí—p,đ'í'đ,·,é,É,íŦA[1 'ä,ìRf"fsf...[f^],đŽg—p,μ,Ŧ,·ŦB[DNS ,ìŽQŦÆ]  
fAfhfCEfX,É,æ,Á,Ä 1 'ä,ìRf"fsf...[f^],đŽg—p,μ,Ŧ,·ŦB

fTfuflfbfq"à,ìRf"fsf...[f^],ìOf<Ŧ[fv,đ'í'đ,·,é,É,íŦA[fOf<Ŧ[fv‰»<sup>3</sup>,é,½fRf"fsf...[f^],đŽg—p,μ,Ŧ,·ŦB

fhfŦfCf"—¼,É,æ,Á,ÄfhfŦfCf""à,ì,·,x,Ä,ìRf"fsf...[f^],đŽg—p,μ,Ŧ,·ŦB,±  
,ìfìfVf#f",đŽg—p,·,é,É,íŦA[fhfŦfCf"],đŽg—p,μ,Ŧ,·ŦB,±  
,ìfìŦ[fOŦ[fwfbfh,<sup>a</sup>Ŧ'á,·,é,½,ŦŦAMicrosoft NNTP Service ,ìpftfHŦ[f}f"fx,<sup>a</sup>á  
‰‰,·,é‰Ŧ"Ŧ«<sup>a</sup>, ,è,Ŧ,·ŦB



[IP fAfhfCEfX]



[DNS ,ìŽQŦÆ]



[fTfuflfbfq fAfhfCEfX]



[fTfuflfbfq f}fXfN]



[-¼'Ŧ]

## [IP fAfhfĀfX]

fAfNfZfX,đ<''Ū,Ū,½,Í<-‰oÂ,·,é 1 'ä,İfRf''fsf...[f^,İ IP fAfhfĀfX[B[DNS ,İŽQ[ĀE] ,đfNfŠfbfN,μ,Ä IP fAfhfĀfX,đŽQ[ĀE,μ,Ū,·[B

## [DNS ,İŽQÆ]

DNS -¼,É,æ,Á,ÄfRf“fsf...[f^,ì IP fAfhfÆfX,ðŽQÆ,·,éê±,ÉA,±,ìfVfVf±f“,ðŽg—p,µ,Û,·B



**[fTfufifbfg fAfhfCEfX]**

fAfNfZfX, ð<''Ü, Ü, ½, í<-‰oÂ, , éfRf''fsf... [f^ fOf< [fv, îŠî- { IP fAfhfCEfX BfTfufifbfg f}fXfN, a•K—v, Å, . □B

## [fTfuflbfg f}fXfN]

fAfNfZfX,ð<-‰oÂ,Û,½,í<'"Û,·,éRf"fsf...[]f^ fOf<[]fv,ì IP fAfhfÆfX,ì"í^í,ðŽw'è,·,éTfuflbfg  
f}fXfN[]BfTfuflbfg f}fXfN,ì[]Ú[]×,É,Â,ç,Ä,í[]A[]wMicrosoft Windows 2000 Server fCf"f^[]f]bfgf[][]fLf"fO  
fKfCfh[]x,ðŽQ[]Æ,μ,Ä,,¾,¾,ç[]B

[-¼'Ö]

fAfNfZfX,ð<''Ü,Ü,½,Í<-‰oÂ,·,éRf''fsf...[]f^ fOf<[]fv,lfhf[]Cf''-¼[]B

[Ÿ'è]

[Ÿ'è] f^fu,žg—p,μ,ÄAfjf...[fX<LŽ-,Æfjf...[fX ftfB[fh,ìÄ'âfTfCfY,ì\$CEÀ,ð\—,μ,Ü,·B,Ü,½,±,ìf^fu,ÄAf,fffCE[f< ffbfZ[fW,ð'—M,·,é SMTP fT[fO[f,žw'è,μ,Ü,·B

fjf...[fX fNf%ofCfAf"fg,©,çjf...[fXfOf<[fv,ðf,fffCE[f<g,·,é,±,Æ,ª,Ä,«,Ü,·BMicrosoft NNTP Service,Äf,fffCE[f<g<LŽ—p,ì\—,ðs,Á,Ä,ç,éê#Af,fffCE[f^,Ö,ì"zM,ì,½,ß,ÉŽw'è,μ,½ SMTP fT[fO[f,É<LŽ-ªŽ©"®"I,É Microsoft NNTP Service,É,æ,Á,Ä'—M,ª,è,Ü,·B<LŽ-

,ðf,fffCE[f^,É"zM,Ä,«,È,çê#É,ÍA"zM•s"\'É'm (NDR),ªŠÇ—ŽÒ,ì"dŽqf[f<fAfjEf"fg,ìfAhfCfX,É•Ô,ª,è,Ü,·B,±,è,ç,ìfbfZ[fW,ª SMTP,É,æ,Á,Ä^—,ª,è,é,æ,ª,É,·,é,É,ÍAfAfjEf"fg,ª SMTP fT[fO[f[ä,É'Ÿ,·,é•K—v,ª,è,Ü,·B

fjf...[fXfOf<[fv,É"Á'è,ìf,fffCE[f^,ð'è<,μ,Ä,ç,È,çê#É,Éf,fffCE[f<g ffbfZ[fW,ª'—M,ª,è,éŠù'è,ìfhfCf",žw'è,Ä,«,Ü,·B,Ü,½A•;ì",ìf,fffCE[f<g fjf...

[fXfOf<[fv,ª,·,éê#AŠù'è,ìfhfCf",ð\—,μ,Ä,ª,«,Ü,·B

- [fNf%ofCfAf"fg,©,ç,ìŠe,ð<-%Ä,·,é]
- [ŠefTfCfY,ì\$CEÀ'I (KB)]
- [Ü'±fTfCfY,ì\$CEÀ'I (MB)]
- [ftfB[fh"Še,ð<-%Ä,·,é]
- [ŠefTfCfY,ì\$CEÀ'I (KB)]
- [Ü'±fTfCfY,ì\$CEÀ'I (MB)]
- [·,±,ìT[fO[f,©,çjf...[fX<LŽ-,ðfvf<"]'—,·,é,±,Æ,ðT[fO[f,É<-%Ä,·,é]
- [fRf"fgf[f< ffbfZ[fW,ð<-%Ä,·,é]
- [f,fffCE[f<g fOf<[fv,ì SMTP fT[fO[f]
- [Šù'è,ìf,fffCE[f^ fhfCf"]
- [ŠÇ—ŽÒ,ì[f< fAfjEf"fg]

[fNf%ofCfAf“fg, ©, ç, ì“Š□e, ð<-‰oÂ, ·, é]

, ±, ìfifvfVf#f“, ðfif“, É, ·, é, Æ□A, ±, ì NNTP ‰‰¼‘zfT□[fo□[, Ö, ìfjf...□[fX fNf%ofCfAf“fg, ©, ç, ì“Š□e, ð<-  
‰oÂ, μ, Ü, ·□B

**[“ŠefTfCfY,ì\$CEÀ'I (KB)]**

,±,ìfìfvfVf#f“,òŽg—p,μ,ÄA,±,ì NNTP %¼'zfT[fo[,Éfjf...[fX fNf%ofCfAf“fg,©,ç“Še,Å,«,é 1 ,Ä,ì<LŽ-  
,ìÅ'åfTfCfY,ð'e<` ,μ,Ü,·B,±,ìf`fFbfN f{fbfNfX,ðfjf“,É,μ,½ê±,ìAŠù`è,ì\$CEÀ'I,Í 1000 KB  
,Ä,·B\$CEÀ,ð,È,,.É,íA,±,ìf`fFbfN f{fbfNfX,ðfift,É,μ,Ü,·B

**[Ú'±ftfCfY,ì§CEÀ'I (MB)]**

,±,ìfìfvfVf#“,đŽg—p,μ,ÄA,±,ì NNTP %¼'zfT[fO[.Éfjf...[fX fNf%ofCfAf“fg,©,ç 1 %ñ,ìÚ'±  
,Å“Še,Å,«,é,·,x,Ä,ìLŽ-,ìÅ'âftfCfY,đ'è` ,μ,Ü,·B,±,ìf`fFbfN  
f{fbfNfX,đfìf“,É,μ,½ê±,ìAŠù'è,ì§CEÀ'I,í 20 MB ,Å,·B§CEÀ,đ,È,,·,É,íA,±,ìf`fFbfN  
f{fbfNfX,đfìft,É,μ,Ü,·B

**[ftfB[fh“Š[e,đ<-‰oÂ,·,é]**

,±,ìfjfvfVf#f“,đfjf“,É,·,é,Æ[A,±,ì NNTP ‰‰¼‘zfT[fö[Ö,ìjff...[fXftfB[fh,©,ç,ì“Š[e,đ<-‰oÂ,μ,Ü,·B



**[“ŠefTfCfY,ì\$CEÀ'I (KB)]**

,±,ìfìfvfVf#f“,òŽg—p,μ,ÄA,±,ì NNTP %¼'zfT[fo[,Éfjf...[fXftfB[fh,©,ç“Še,Ä,«,é 1 ,Ä,ì<LŽ-  
,ìÄ'áfTfCfY,ð'e<` ,μ,Ü,·B,±,ìf`fFbfN f{fbfNfX,ðfjf“,É,μ,½ê±,ìAŠù'è,ì\$CEÀ'I,Í 1500 KB  
,Ä,·B\$CEÀ,ð,È,,.É,íA,±,ìf`fFbfN f{fbfNfX,ðfift,É,μ,Ü,·B

## [Ú'±ftfcfY,ì\$CEÀ'I (MB)]

,±,ìfifvfVf#f“,ðŽg—p,μ,ÄA,±,ì NNTP %¼'zfT[fo[.Éfjf...[fXftfB[fh,©,ç 1 %ñ,ìÚ'±  
,Å“Še,Å,«,é,.,x,Ä,ìLŽ-,ìÅ'âftfcfY,ð'è<` ,μ,Ü,·B,±,ìf`fFbfN  
f{fbfNfX,ðfif“,É,μ,½èè#,ìAŠù'è,ì\$CEÀ'I,í 40 MB ,Å,·B\$CEÀ,ð,È,,·É,íA,±,ìf`fFbfN  
f{fbfNfX,ðfift,É,μ,Ü,·B

[,±,lfT[fO[,©,çjff...[fX<LŽ-,ðvf<“]’—,·,é,±,Æ,ðT[fO[,É<-‰Â,·,é]

,±,lfvfVf#f“,ðlf“,É,·,é,Æ[A,±,ì NNTP ‰¼‘zfT[fO[,©,ç,lfjff...[fX<LŽ-,lfvf<“]’—,ð,Ù,©,lfjff...[fX  
fT[fO[,s,±,Æ,ð<-‰Â,μ,Û,·B

[fRf“fgf[]f< f[]bfZ[]fW,đ<-‰oÂ,·,é]

fRf“fgf[]f< f[]bfZ[]fW,đŽ©“@“l,É^—,μAfgf%of“fUfNfVf#f“ f[]fO,Éo—í,·,éê#É,íA,±  
,ìfjvfVf#f“,đ'l'đ,μ,Ü,·BfRf“fgf[]f< f[]bfZ[]fW,É'í,μ,Äf[]fOo—í,đ—LCEø,É,μ,ÄA^—,đ—  
LCEø,É,μ,È,¢ê#É,íA,±,ì`fFbfN f{fbfNfX,đfift,É,μ,Ü,·B

**[f,fffCE[fg fOf<[fv,ì SMTP fT[fo[]]**

f,fffCE[fg fOf<[fv,Ö,ì,·,×,Ä,ì“Š[e,ª“]’—,³,ê,é SMTP f[]f< fT[fo[][,ðŽw’è,μ,Ü,·B,±  
,ì’l,íADNS,É“o~^,³,ê,½—LCEø,È IP fAfhfCEfX,ðŽ,ÂfRf“fsf...[f^-¼,©AfffBfCEfNfgfŠ fpfX,Å, ,é•K—  
v,ª, ,è,Ü,·BfffBfCEfNfgfŠ fpfX,íAŽw’è,μ,½fffBfCEfNfgfŠ,ìé[]Š,É’—M,·,éf,fffCE[fg  
f[]bfz[]fW,ì,½,ß,¾, ¯,ÉŽg—p,³,ê,Ü,·B

[Šù'è,ìf,fffĈ[f^ fhfĈfCf“]

,±,ìfìfvfVf#f“,ðŽg—p,μ,ÄĈA,·,×,Ä,ìf,fffĈ[f^g“ŠĈe,É'î%ž,·,éŠù'è,ìfhfĈfCf“,ðŽw'è,μ,Û,·ĈB,±  
,ìfhfĈfCf“,íĈAĈ³“F,³,è,½fhfĈfCf“-¼,Å,È,·,è,Î,È,è,Û,¹,ñĈBf,fffĈ[f^,ìŽw'è,³,È,Ĉf,fffĈ[f^g fjjf...  
Ĉ[fXfOfĈĈfv,É“ŠĈe,³,è,½ĈLŽ-,íĈA^È%ž,ì^ĈĈæ,É'—ĈM,³,è,Û,·ĈB

*news\_group\_name@default\_moderator\_domain*

,±,±,Å news\_group\_name ,íĈLŽ-,ð'—ĈM,·,éjjf...Ĉ[fXfOfĈĈfv-¼,Å,·ĈB,Û,½ĈAdefault\_moderator\_domain  
,í,±,ìfìfvfVf#f“,ÅŽw'è,·,é'l,Å,·ĈB

**[ŠÇ—ŽÒ,ìf□□[f< fAfjEf“fg]**


,±,ìfìfvfVf#f“,ðŽg—p,μ,Ä□AŽw’è,μ,½f,fffCE□[f^,Éf,fffCE□[fg fjj...□[fXfOf<□[fv<LŽ-  
,ª”z□M,³,è,È,©,Á,½□ê□#,É□A”z□M•s”\fCEfj□[fg (NDR) ,ðŽó□M,·,é“dŽqf□□[f< fAfhfCEfX,ðŽw’è,μ,Ü,·□B


NDR ,ì’—□M,ð—LCEø,É,·,é,É,í□A^È%º,ìfCEfWfXfgfŠ fL□[,É MailFromHeader ,Æ,ç,κ DWORD  
CE^,ì□V,μ,ç’l,ð□ì□¬,μ□A,»,ì’l,É 1 ,ð□Ý’è,μ,Ü,·□B


HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Nntpsvc\Parameters\

**[fZfLf...fŠfefB]**

[fZfLf...fŠfefB] f^fu,đŽg—p,μ,Ä ANNTP %¼'zfT [fo [ flfyfCE [f^,ì^è—,Ö Microsoft Windows  
fAf]fEf“fg,“,æ,ŃfOf< [fv,đ'Ç%Á,μ,Ü,·B

 [flfyfCE [f^]

 [ 'Ç%Á]

 [íœ]



## [fifjfc[f^]

,±,if{fbfNfX,É,íAififjfc[f^,Æ,μ,ÄŽw'è,μ,½ft[fU[-¼,“,æ,ÑfOf<[fv-¼,ª^ê—•\  
Ž|,³,è,Ü,·Bfifjfc[f^,íANNTp %¼'zft[fO[,Ö,ìfAfNfZfX,“,æ,Ñ NNTP %¼'zft[fO[,ì\¬-,ðs,±  
,Æ,ª,Ä,«,Ü,·B['Ç%Á] ,ðfNfŠfbfN,·,é,Æ[A,±,ì^ê—,É,³,Ç,É-¼'O,ð'Ç%Á,·,é,±,Æ,ª,Ä,«,Ü,·B

## ['Ç%oÁ]

[ft[fU[Ü,½,ÍOf<[fv,ì'ð] fEfBf“fhfE,ªŠ],«A,±,ì NNTP %¼'zft[fo[.lflfyfCE[f^,Æ,·.é Windows  
2000 fAjjfEf“fg,ð'ð,·.é,±,Æ,ª,Å,«,Ü,·B

[[í]]

'í, ð, μ, ½f|fyfCE[f^, ðí, ·, é, É, [A[[í]], ðfNfŠfbfN, μ, Ü, ·B

**[<fjf...[fXfOf<[fv-¼> ,lfvf[fpfefB]**

□V,μ,ϕfjf...[fXfOf<[fv,δ□□-,·,é,É,Í□A□□-î□Û,ì NNTP %¼'zft□[fo□[,ì%º,ì [fjf...[fXfOf<[fv] ,ð  
%ºEñfŠfbfN,μ,Û,·□B[□V<K□□-] ,ðfNfŠfbfN,μ,Ä□A[fjf...[fXfOf<[fv] ,ðfNfŠfbfN,μ,Û,·□Bfjf...  
□[fXfOf<[fv□□-]fEfBfU□[fh,ìŽwŽ!,É□],ϕ,Û,·□B

Šù'¶,lfjf...[fXfOf<[fv,ì□é□#□A'l'ð,μ,½fjf...[fXfOf<[fv,É,Ä,ϕ,Ä,ì□î•ñ,<sup>a</sup> [fjf...[fXfOf<[fv] f\_fCfAf□fO  
f{fbfNfX,É•\Ž!,<sup>3</sup>,é,Û,·□Bfjf...[fXfOf<[fv,ì-¼'O,Í□A^É%º,ì^ê~A,lf{fbfNfX,ì□ä,É•\Ž!,<sup>3</sup>,é,Û,·□B

- ▶ [□à-¾]
- ▶ [^□□]
- ▶ [“Ç,ÝŽæ,è□é—p]
- ▶ [f,fff□□[fg]
- ▶ [f,fff□□[f^]
- ▶ [Šù'è'l,É□Ý'è]

【à-¾】

fjf...[fXfOf<[fv,ìà-¾,ð“ü—í,μ,Ü,·Bffj...[fXfOf<[fv,ìf^fCfjf<,Á,í“` ,í,ç,È,çffj...  
[fXfOf<[fv,ìúx,È<@“\,ð,±,ìà-¾,É,æ,Á,Ä'è<` ,Å,« ,Ü,·B,±,ìà-¾,íÈ—º%oÁ“\,Å,·B

[^x]

fjf...[fXfOf<[fv,ifNf%ofCfAf“fgä,Å,ì•Ž!-¼,ð'è<` ,.éèèè,É,íA,±,±,É,» ,ífjf...[fXfOf<[fv,ì-¼'O,ð“ü—  
í,μ,Ü,·B,±,ì-¼'O,íANNTp fRf}f“fh,ì LIST PRETTYNAMES ,Å•Ô,<sup>3</sup>,é,Ü,·B,±,ì^x],<sup>a</sup>•Ž!,<sup>3</sup>,é,é,ì,íAfNf  
%ofCfAf“fg,ì^è•”,Å,·B,±,ìf|fvfVf†f“,Å,í Unicode •¶Žš,ðŽg—p,Å,« ,Ü,·B,μ,½,<sup>a</sup>,Å,ÄA  
%opCE^ÈŠO,ìCE¾CEè,ì•¶ŽšfZfbfg,ðŽg—p,μ,Äfjf...[fXfOf<[fv-¼,ðŽw'è,Å,« ,Ü,·B

[“Ç,ÝŽæ,èê—p]

,±,ìfìfvfVf#f“,ðfìf“,É,·,é,Æ□AŽw’è,μ,½f,fffCE□[f^,¾,¯,ª,±,ìjff...□[fXfOf<□[fv,É<LŽ-,ð“Š□e,Å,«,Û,·□B

[f,fff☒[fg]

,±,ìfìfvfVf#f“,ðfìf“,É,·,é,Æ☒A<LŽ-,ª“Š☒e,³,è,é‘O,É☒A,»ì<LŽ-,ª“Á‘è,ì“dŽqf☒☒[f< fAfhf☒EfX,É‘—☒M,³,è,Ü,·☒B



[f,fff☐[f^]

,±,ìjff...☐[fXfOf<☐[fv,É'í,μ,ÄŽw'è,.,éf,fff☐[f^,ì“dŽqf☐☐[f<fAfhf☐fX,đ“ü—í,μ,Ü,·☐B

## [Šù'è'ì,ÉŸ'è]

,±,ìf{f^f",đfNfŠfjbfN,μ,ÄAŠù'è,ìŸ'è,đfjf...[fXfOf<[fv f,fffCE[f^,Æ,μ,ÄŽg—p,μ,Ü,·BŠù'è,ì"dŽqf[f<  
fAfhfCEfX,íAfff...[fXfOf<[fv-¼,ÆA[Šù'è,ì NNTP %¼'zfT[fO[ìfvf[fpfefB] ,ì [NNTP Ÿ'è] f^fu,ì  
[Šù'è,ìf,fffCE[f^ fhf[fCf"] ,ÅŽw'è,μ,½fhf[fCf"-¼,ì'g,Ÿ±,í,¹,É,æ,Á,Ä•\  
CE»,³,è,Ü,·B,½,¾,μA[Šù'è'ì,ÉŸ'è] ,đfNfŠfjbfN,·,é,ÆA[f,fffCE[f^] ,Éfjf...[fXfOf<[fv,ì-¼'O,ì,Ÿ,ª•\  
Ž,³,è,Ü,·B

**[—LCEøŠúCEÀf|fŠfV□[,lfvf□fpfefB]**

□V,μ,ϕ—LCEøŠúCEÀf|fŠfV□[,δ□□—,·,é,É,Í□A□Ý'è'î□Ů,ì NNTP %ø¼'zft□[fo□[,ì%ø²,ì [—LCEøŠúCEÀf|fŠfV□[]  
,ð%øEfNfŠfbfN,μ,Ů,·□B[□V<K□î□—] ,ðfNfŠfbfN,μ,Ä□A[—LCEøŠúCEÀf|fŠfV□[] ,ðfNfŠfbfN,μ,Ů,·□BNNTTP —  
LCEøŠúCEÀf|fŠfV□[□î□—fEfBfU□[fh,ìŽwŽ!,É□],ϕ,Ů,·□B—LCEøŠúCEÀf|fŠfV□[,ð'è<'·,·,é,Æ□AZw'è,μ,½ŽžŠŎ,ð  
%øß,¬,½CEÄ,ϕffj...□[fX<LŽ-,ð,·,×,Ä□í□œ,Ä,«,Ů,·□B

Šù'¶,ì—LCEøŠúCEÀf|fŠfV□[,ì□è□#□A□f|fŠfV□[,ì□î□—Žž,É□□—,μ,½“à—e,ð [—LCEøŠúCEÀf|fŠfV□[] f\_fCfAf□fO  
f{fbfNfX,Ä·\Ž!,Ä,«□A,Ů,½,±,ìf\_fCfAf□fO f{fbfNfX,Ä—LCEøŠúCEÀf|fŠfV□[,lfpf%□□[f^,ð·Ŏ□W,Ä,«,Ů,·□B

- ☛ [ŽŸ,ìŽžŠŎ,æ,èCEÄ,ϕ<LŽ-,ð□í□œ,·,é (ŽžŠŎ)]
- ☛ [%øe<¿·,·,éffj...□[fXfOf<□[fv]
- ☛ ['Ç%øÁ]
- ☛ [□í□œ]



[%œ<¿,•,éjjf...[]fXfOf<[]fv]

,±,ì—LœøŠúœÀfjŠfv[][,ì'[]û,Æ,È,éjjf...[]fXfOf<[]fv,Ü,½,íjjf...[]fXfOf<[]fvŠK'w,ì^ê—,ø•Ž!,μ,Û,·[]B

## [ 'Ç%oÁ ]

[ 'Ç%oÁ ] , ðfNfŠfbfN, ·, é, Æ [ fjf... [ fXfOf< [ fv, ð'Ç%oÁ ] f\_fCfAf□fO f{fbfNfX, aŠ], «, Ü, ·□B, ±, ð\_fCfAf□fO  
f{fbfNfX, Å, í—LCEøŠúCEÀfjŠfV□[, Éfjf... [ fXfOf< [ fv, ð'Ç%oÁ, Å, «, Ü, ·□B


[[íœ]]

[[íœ]] ,đfNfŠfbfN,μ,ÄA%œ<¿,·,éjff...[[fXfOf<[[fv,©,çA'í'đ,μ,½jff...[[fXfOf<[[fv,đíœ,μ,Ü,·B,±,ì—  
LCEøŠúCEÀfjŠfV[[,íAíœ,μ,½jff...[[fXfOf<[[fv,É“K—p,<sup>3</sup>,ê,È,È,è,Ü,·B

**[fjf...[fXfOf<[fv,ì'Ç%oÁ]**

,±,ìf\_fCfAf□fO f{fbfNfX,đŽg,Á,Ä□A[—LÇøŠúÇÈÀf|fŠfV□[] f\_fCfAf□fO f{fbfNfX,ì [%oe<ç,·,éjjf...

□[fXfOf<[fv] ,ì^è—,Éjjf...□[fXfOf<[fv,đ'Ç%oÁ,μ,Û,·□B

 [fjf...[fXfOf<[fv]



## [fjf...][fXfOf<][fv]

—LCEøŠúCEÀf|fŠfV[.É'Ç%oÁ,·éjfj...][fXfOf<][fv,Ü,½,Íjfj...][fXfOf<][fvŠK'w,í-¼'O,ð"ü—

Í,μ,Ü,·BfAfXf^fŠfXfN (\*) fCf<fhf][fh•¶Žš,É,æ,Á,ÄA·i[",ìjfj...

[fXfOf<][fv,ðŽw'è,À,«,Ü,·B,½,Æ,í,îArec.\* ,í-¼'O,<sup>a</sup> "rec." ,ÅŽn,Ü,é,; ,x,Ä,ìjfj...][fXfOf<][fv,ð·\

,μ,Ü,·B-¼'O,ð"ü—Í,μ,½,çA[OK] ,ðfNfŠfbfN,μ,Ü,·B

**[%¼'zffBfCEfNfgfŠ,lfvfƒpfefB]**

NNTP %¼'zftƒfo[.ê—,đ“WŠJ,·,é,Æ•\Ž!,³,é,é [%¼'zffBfCEfNfgfŠ] fmƒfh,đŽg—p,μ,ÄƒAjjf...  
ƒfXfOfƒfv,ì<LŽ-,đŠi“[.·,é%¼'zffBfCEfNfgfŠ,đƒƒ—,μ,Ü,·B,½,Æ,!,îA, ,éffBfXfN fhf%ofCfu,Éƒƒ—,μ,½  
%¼'zffBfCEfNfgfŠ,ÉAŠé<Æ,lfCEfNfŠfGƒfvfƒ“Š^“®,ÉŠÖ,·,é,·,×,Ä,lfjf...  
ƒfXfOfƒfv,đŠi“[.μA,Ü,©,lfBfXfN fhf%ofCfu,Éƒƒ—,μ,½%¼'zffBfCEfNfgfŠ,ÉA<Æ-±  
,ÉŠÖ,·,é,·,×,Ä,lfjf...ƒfXfOfƒfv,đŠi“[.·,é,±,Æ,ª,Ä,«,Ü,·B

%¼'zffBfCEfNfgfŠ,íA%¼'zffBfCEfNfgfŠ fpfX,Æ%¼'zffBfCEfNfgfŠ fGfCfŠfAfX,ì 2 ,Â,ìƒƒ—  
v'f,đŽƒ,ž,Ü,·BfNf%ofCfAf“fg,ªjjf...ƒfXfOfƒfv,ÉfAfNfZfX,·,é,Æ,«,ÉŽg—p,·,ééŠŠ,đ•İX,·,é,±,Æ,È,-  
ƒAjjf...ƒfXfOfƒfv,ì•—ƒ“l,ÈéŠŠ,đ,±,lfGfCfŠfAfX,đŽg,Á,Ä•İX,Ä,«,Ü,·B,±,lfGfCfŠfAfX,íAjjf...ƒfX  
fƒƒfX,ì URL ,É'ňŽ!,³,é,Ü,·B,Ü,½AŽÀÜ,Éftf@fCf<,ªSi“[.³,é,Ä,č,ééŠŠ,ÉŠÖEW,È,-  
A“~,lfGfCfŠfAfX,đCEp±,μ,ÄŽg—p,Ä,«,Ü,·B

- [ffBfCEfNfgfŠ,lfRf“fef“fc]
- [fzfLf...fŠfefB,Ä•ÜCE!,³,é,½'ÊM]
- [“Še,đ<-%Ä,·,é]
- [jjf...ƒfXfOfƒfv,ì•\Ž!,đšCEÀ,·,é]
- [fAfNfZfX,đfƒfo—l,·,é]
- [jjf...ƒfX,lfRf“fef“fc,ÉfCf“ffbfNfX,đ•t,·,é]

## [fffBfCEfNfgfŠ,lfRf“fef“fc]

[fffBfCEfNfgfŠ,lfRf“fef“fc] ,Å,í Afz [f€ fffBfCEfNfgfŠ,ìêŠ,ð•\Ž!,Å,«,Ü,·Bfz [f€ fffBfCEfNfgfŠ,í Af [fj< fffBfXfN fhf%ofCfu, © ALAN ä,É, é Microsoft Windows 2000 Server ,ðŽÀs,·,éfRf“fsf... [f^,ìfffBfXfN fhf%ofCfu,É'u,,±,Æ,ª,Å,«,Ü,·Bfz [f€ fffBfCEfNfgfŠ,ìŠù'è,ìêŠ,í %SystemDrive%\InetPub\Nntpfile\Root ,Å,·B [fRf“fef“fc] ,ðfNfŠfbfN,μ,Ä [fffBfCEfNfgfŠ,lfRf“fef“fc] fEfBf“fhfE,ðŠ),« Afz [f€ fffBfCEfNfgfŠ,ìêŠ,ðŽw'è,μ,Ü,·B

**[fZfLf...fŠfefB,Å•ŮŒì,³,ê,½'Ê□M]**

,±,ìfìfvfVf†f“,ðŽg—p,μ,Ä□AMicrosoft NNTP Service ,É□Ů'±,·,éfNf%ofCfAf“fg,É'î,μ,Ä SSL ,ðŽg—p,·,é,æ,κ  
,É—v<□,μ,Ů,·□B,±,ìfìfvfVf†f“,É,æ,Á,Ä□A'—□Mff□[f^,ì^Ã□+‰o»,ª•Ů□∅,³,ê,Ů,·□B[fZfLf...fŠfefB,Å•ŮŒì]  
,ðfNfŠfbfN,μ,Ä□A[fZfLf...fŠfefB] fEfBf“fhfE,ðŠJ,«□A^Ã□+‰o»fŒfxf<,ð□Ý'è,μ,Ů,·□B

["Še,đ<-%oÂ,·,é]

,±,ìfìfvfVf#f",đfìf",É,μ,ÄA,±,ìffBfCEfNfgfŠ"à,É, ,éjff...[fXfOf<[fv,Ö,ìjff...[fX fNf  
%ofCfAf"fg, ©,ç,ì"Še,đ<-%oÂ,μ,Ü,·B

[fjf...[fXfOf<[fv,ì•Ž!,ð[sCEÀ,·,é]

,±,ìfìfvfVf#f“,ðŽg—p,μ,ÄA,±,ìffBfCefNfgfŠ,É,·,éjf...[fXfOf<[fv,Ö,ìfAfNfZfX<-  
%oÂ,ðŽ,Âf+ [fU[.É,ì,ÝAfjf...[fXfOf<[fv,ì^ê—,ì•Ž!,ð<-%oÂ,μ,Û,·B,±,ìfìfvfVf#f“,ðfì“,É,·,é,Æ^—  
[fì [fo [fwfbfh,â'â,μAf [f,Š,ìA”i,â NNTP Service ,ì'á'—%o»»,É,Â,È,â,è,Û,·B“½-¼fAfNfZfX,ð<-  
%oÂ,·,éjf...[fXfOf<[fv,É,íA,±,ìfìfvfVf#f“,ðŽg—p,μ,È,ç,Â,,¾,¾,çB

**[fAfNfZfX,ðf[]fO[]o—í,·,é]**

,±,ìf|fvfvf#f“,ðŽg—p,μ,Ä[]A,±,ìffBf[]fNfgfŠ,Ö,ìjff...[]fX fNf%[]fCfAf“fg,©,ç,ìfAfNfZfX,ÉŠÖ,·,éf[]fO,ð  
Microsoft Internet Information Services fAfNfZfX f[]fO,É[]o—í,μ,Û,·[]Bf[]fO[]o—í,ð—  
L[]Eø,É,·,é,É,í[]A[Šù'è,ì NNTP %[]¼'zfT[]f[]o[][,ìfvf[]pfefB] ,ì [‘S”Ê] f^fu,É, ,é [f[]fOŽù[]W,ð—L[]Eø,É,·,é]  
f`fFfbfN f{fbfNfX,àf|f“,É,·,é•K—v,ª, ,è,Û,·[]B

[fjf...[fX,lfRf“fef“fc,ÉfCf“ffbfNfX,ð•t,¯,é]

,±,ìfìfvfVf#f“,ðŽg—p,μ,ÄA,±,ìffBfCefNfgfŠ,É, ,éjf...[fXfOf<[fv,É Microsoft Indexing Services  
,É,æ,éfCf“ffbfNfX•t,¯,ðs,ç,Ü,·B,±,ê,É,æ,èAft[fU[.íŽw'è,μ,½•¶Žš—ň,ðCEŸð,Å,«,Ü,·B



## [fffBfCEfNfgfŠ,lfRf“fef“fc]

[fffBfCEfNfgfŠ,lfRf“fef“fc] f\_fCfAf□fO f{fbfNfX,đŽg—p,μ,Ä□Afz□[f€

fffBfCEfNfgfŠ,ìéŠ,đŸ'è,μ,Ü,·□Bfz□[f€ fffBfCEfNfgfŠ,É,í□A,±,ì%¼'zfffBfCEfNfgfŠ,ì,·,×,Ä,lfŠf\

□[fX,šì“[.³,è,Ü,·□B

☛ [.,±,lfRf“fsf...□[f^,É,.,éfffBfCEfNfgfŠ]

☛ [f□□[ff<\_fpfX]

☛ [.,Ü,©,lfRf“fsf...□[f^,ì<α—LfffBfCEfNfgfŠ]

☛ [flfbfgf□□[fN\_fffBfCEfNfgfŠ]

☛ [ft□[fU□[-¼]

☛ [fpfXf□□[fh]

[,±,ìfRf“fsf...[]f^,É, ,éfffBfCEfNfgfŠ]

,±,ìfìfvfVf#f“,ðŽg—p,μ,Ä[]Af[][]fjf< fffBfXfN fhf%ofCfu,É, ,éfffBfCEfNfgfŠ fpfXŽw’è,μ,Ü,·[]B

## [f][f]· fpfX]

[,±,}fRf“fsf...[f^,É, ,éfffBfCEfNfgfŠ] ,đfIf“ ,É,μ,½ê±,ÍA,±,}fRf“fsf...

[f^ã,É, ,éfffBfCEfNfgfŠ,}fpfX,đŽw'è,μ,Ü,· (—áAC:\Nntp\Rec\Sports)B[ŽQÆ] ,đfNfŠfbfN,μ,ÄA-  
Ú“i,ìéŠ,đCEÿø,μ,Ü,·B

[,Ù,©,ìfRf“fsf...[f^,ì<¤—LffBfĈfNfgfŠ]]

,±,ìfìfvfVf#f“,ðŽg—p,μ,ÄAflfbfgf[]fN“à,É, ,éfffBfĈfNfgfŠ,ðŽw'è,μ,Û,· (—á\\Server\_Name\  
Server\_Share)[]Bflfbfgf[]fN fffBfĈfNfgfŠ,í[]ALAN []ă,É, ,éfffBfXfN fhf%oofCfu,Ö,ì UNC  
fpfX,ĂŽw'è,μ,Û,·[]B

**[flfbfgf][fN fffBfCEfNfgfŠ]**

[,Ù,©,ìfRf“fsf...[f^,ì<α—LfffBfCEfNfgfŠ] ,ðflf“ ,É,μ,½ê‡,í[AfffBfCEfNfgfŠ,ð’u,flfbfgf][fN  
fffBfCEfNfgfŠ,ì UNC -¼,ðŽw’è,μ,Û,· (—á[A\\Ntsrv1\\Nntp\\Rec\\Sports)B[ŽQÆ] ,ðfNfŠfbfN,μ,ÄA-  
Ú“i,ìêŠ,ðCEÿø,μ,Û,·B

## [ft][fU][-¼]

fŠf, [fg, i<α—LffBfCEfNfgfŠ, ÉfRf“fef“fc, đŠi”[, ·, éê±, íA, »), ðfŠf, [fg fRf“fsf... [f^, É Microsoft NNTP Service ,əf[fo flf“, Å, «, éft[fU[-¼, đ“ü—í, ·, é•K—v, ə, , è, Ü, ·B•K—v, ÈŽ’Šiî•ñ, íAft[fU[-¼, ÆfpfXf[fh, Å, ·B“ü—í, μ, ½ft[fU[-¼, ÆfpfXf[fh, əAfŠf, [fg, i<α—LffBfCEfNfgfŠ, É’í, μ, Ä, È, -, Æ, à“Ç, ÝŽæ, è, Æ’, «ž, Ý, ðfAfnfZfX<-‰oÂ, đŽ, Â, æ, α, É[ñ—, ·, é•K—v, ə, , é, ±, Æ, É’^Ó, μ, Ä, , ¾, ¾, çB

## [fpfXf][fh]

“ü—í,μ,½ft[fU[-¼,Æ<α,ÉŽg—p,<sup>3</sup>,è,éfpfXf][fh,đ“ü—í,μ,Ü,·B[Šm”F] ,đfNfŠfbfN,·,é,ÆAf+[fU[-¼,ÆfpfXf][fh,ì’g,Ý[†,í,<sup>1</sup>,<sup>2</sup>—LÆø,©,Ç,α,©Šm”F,Å,«,Ü,·B


## [fZfLf...fŠfefB]

Microsoft NNTP Service ,Ö, ðÚ'±,É SSL (Secure Sockets Layer) ,ðŽg—p,·,é,±,Æ,ðfNf%ofCfAf“fg,É—  
v<□,·,é,±,Æ,É,æ,Á,Ä□A'—□Mff□[f^,ì^Ä□+%o»,ð•Ú□Ø,Ä,«,Ü,·□B

SSL ,ðŽg—p,·,é,É,í□AfL□[ f}f□[fWff,ðŽg—p,μ,Ä□AfL□[ fyfA,ð□□—,μ□AfL□[□Ø-¾□',ð□□—,μ,Ü,·□B,±  
,é,É,æ,è□AfNf%ofCfAf“fg,í SSL ,ðŽg—p,μ,Ä^Ä□+%o»,μ,½<LŽ-,ð Microsoft NNTP Service ,É'—  
□M,Ä,«,Ü,·□B,Ü,½□AMicrosoft NNTP Service ,à SSL ,ðŽg—p,μ,Ä^Ä□+%o»,μ,½<LŽ-,ðfNf%ofCfAf“fg,É'—  
□M,Ä,«,Ü,·□BfL□[□Ø-¾□',ÆfL□[ f}f□[fWff,ì□Ú□x,É,Á,ç,Ä,í IIS ,ìfhfLf...f□f“fg,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

fL□[ fyfA,í□AfL□[,ìfZfLf...fŠfefB fCEfxf< (Ü,½,í "<x") ,É%ž,¶,Ä□A, ,é^è'è□",ìfrfbfg,©,ç□\  
□—,¾,è,Ü,·□B^Ä□+%o»fCEfxf<,ìfL□[<x,ð 40 frfbfg,©,çŠù'è,ì 128 frfbfg,Ö□ä,°,é,±,Æ,É,æ,Á,ÄfZfLf...  
fŠfefB,ð<%o»,·,é,±,Æ,æ,Ä,«,Ü,·□B,±,ìfrfbfg□",æ'å,«,É,é,Ü,Ç□AfAfCfef€,ì%ð“Ç,í□  
ç“i,É,È,è,Ü,·□BfAfNfZfX,ð•Ú□Eì,μ,æ,æ,Æ,·,éft□[fU□[,í□A□Y'è,¾,è,Ä,ç,é^Ä□+%o»fCEfxf<,Æ““,¶fCEfxf<,ðŽg—  
p,·,é•K—v,æ,è,Ü,·□B

 [fZfLf...fŠfefB,Ä•Ú□Eì,¾,è,½f^fff□f<,ð—v<□]

 [128 frfbfg^Ä□+%o»,ð—v<□]



[fZfLj...fŠfefB,Á•ÚŒì,³,ê,½f`fffflf<,ð—v<□]

Microsoft NNTP Service ,Ö,ì□Ú'±,É SSL (Secure Sockets Layer) ,ðŽg—p,·,é,±,Æ,ðfNf%ofCfAf“fg,É—  
v<□,·,é,±,Æ,É,æ,Á,Ä□A'—□Mff□[f^,ì^Ä□+‰»»,ð•Ú□Ø,Å,«,Ü,·□B

**[128 frfbfg ^Ã+‰»‚ð—v<]**

,±,ì‰¼'zffBfCEfNfgfŠ,Ö,lfAfNfZfX,ð SSL 128 frfbfg fL[<“x^Ã+‰»‚ðŽg—p,·.éfNf‰ofCfAf“fg,É,ì,Ý<-  
‰‰Â,·,é,±,Æ,ª,Å,«,Ü,·BSSL 40 frfbfg fL[<“x^Ã+‰»‚ðŽg—p,μ,ÄÜ‘±,ðŽŽ,Ý,éfNf  
‰ofCfAf“fg,í<“Û,ª,ê,Ü,·B

128 frfbfg fL[<“x^Ã+‰»<@“\,íA—A‰o‰SCEÀ,ª‘¶ÛÝ,·,é,½,ßA•Ä‘,“,æ,Ñfjif\_‚,ì,Ý—~—p‰‰\,Å,·B

## [fjf...][fXfof<[fv,ìĚŸõ]

Microsoft Management Console (MMC) ,Å•\Ž!,³,ê,éjff...[fXfof<[fv,ì]”,ð\$ĚÀ,·,é,É,í[A[fjf...  
[fXfof<[fv,ìĚŸõ] f\_fCfAfO f{fbfNfX,ðŽg—p,μ,Û,·BfT[fO[.í%½ç,à,ìjff...[fXfof<[fv,ðŠi”[.,é,±  
,Æ,ª,Å,«,Û,·ªAŠi”[μ,Ä,ç,éjff...[fXfof<[fv,ð,·,×,Ä—ñ<“,Å,«,É,ç,±,Æ,ª, ,è,Û,·B,±,ì,½,BSÇ—  
ŽÒ,íAf+[fU[.ª NNTP %¼‘zfT[fO[.ì%º,ì [fjf...[fXfof<[fv] fm[fh,ð‘ð,μ,½,Æ,«,ÉŽÀÛ,É•\  
Ž!,³,ê,é]”,ð\$ĚÀ,·,é•K—v,ª, ,éêç,ª, ,è,Û,·B



[fjf...][fXfof<[fv]



[ĚŸõĚ<%Ê,ð•\Ž!,·,éAfCfef€]”,ð\$ĚÀ,·,é]



[Å‘âfCfef€]”]

## [fjf...][fXfOf<][fv]

—ñ<“,; ,éjjf...[fXfOf<][fv,ìŽí—p,É,í][fCf<fhfj][fh,đ“ü—í,μ,Ü,·][B,½,Æ,!,î][ualt.\*][v,Æ“ü—í,·,é,Æ][A][fjf...  
[fXfOf<][fv] fm][fh,đ‘l‘đ,μ,½,Æ,«,É alt ŠK‘w,ì%ºº,ìjjf...[fXfOf<][fv,ì,Ý,<sup>a</sup>\\  
Ž!,<sup>3</sup>,é,Ü,·][BfT][fo][[ä,ì,Ü,©,ìŽí—p,ìjjf...[fXfOf<][fv,íftfBf<f^,<sup>a</sup>,©,̄,ç,é,Ä•Ž!,<sup>3</sup>,é,È,,È,è,Ü,·][BSù‘è,ì \*  
,Å,í][A,·,x,Ä,ìŽí—p,ìjjf...[fXfOf<][fv,<sup>a</sup>—ñ<“,<sup>3</sup>,é,Ü,·][B  
,±,±,É“Á‘è,ìjjf...[fXfOf<][fv,ì-¼‘O,đ“ü—í,·,é,±,Æ,à,Ä,«,Ü,·,<sup>a</sup>][A,±,ì][é][#,í,»,ìjjf...[fXfOf<][fv,ì,Ý,<sup>a</sup>\\  
Ž!,<sup>3</sup>,é,Ü,·][B

[ĀÿōĀ<%oĒ,ð•\Ž!,•,éfAfcfef€",ð\$ĀÀ,•,é]

,±,ìf`fFbfN f{fbfNfX,ðflf",É,•,é,ÆA•\Ž!,³,è,éjjf...[fXfOf<[fv,ì",ª [Ā'âfAfcfef€"]  
,ĀŽw'è,μ,½",É\$ĀÀ,³,è,Û,•B\$ĀÀ,μ,È,çê±,íA,±,ìf`fFbfN f{fbfNfX,ðflft,É,μ,Û,•B

## ["Á'âfAfcfe€"]

ft[fU[,<sup>a</sup> NNTP %¼'zfT[fo[,ì%º,ì [fj...[fXfOf<[fv] fm[h,ð'ð,μ,½,Æ,«,É•Ž!,<sup>3</sup>,ê,éjff...  
[fXfOf<[fv,ìÁ'â" ,ð"ü—í,μ,Ü,·BŠù'è,Å,í 100 ,É,È,Á,Ä,ç,Ü,·B

