

,±,ìfOf<[]fv,É,íA[]€-Ú,<sup>2</sup>,Æ,Éfwf<fv,<sup>3</sup>, ,è,Ü,·[]Bf\_fCfAf[]fO f{fbfNfX,ì%oE[]ã,ì ? ,ðfNfŠfbfN,μ[]A-Ú“l,ì[]€-  
Ú,ðfNfŠfbfN,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç[]B

[•\Ž:] - [fCf“f^[fifbfg fivfVf#f“] f\_fCfAffo f{fbfNfX,i [ú×ý’è] f^fu

fy[]fW,ð•\Ž!,·,é,Æ,«,É[]A%œ'œ,à•\Ž!,·,é,æ,κ,É,μ,Û,·[]B  
'½[]",ì%œ'œ,ª-,,,ß[]ž,Û,ê,Ä,ç,éfy[]fW,ð•\Ž!,·,é,Æ[]A"ñ[]í,ÉŽžŠÔ,ª,©,©,é,±,Æ,ª,è,Û,·[]Bfy[]fW,ì•\Ž!,ð'¬,,·,é,É,í[]A,±,ìf`fFfbfN f{fbfNfX,ðf}ft,É,μ,Û,·[]B  
,±,ìf`fFfbfN f{fbfNfX,ªf}ft,É,È,Á,Ä,ç,Ä,à[]A%œ'œ,ðŽ!,·fAfCfRf",ðf}fEfX,ì  
%œEf{f^f",ÄfNfŠfbfN,μ[]A[%œ'œ,ì•\Ž!] ,ðfNfŠfbfN,·,é,Æ[]A%œ'œ,ðCEÂ•Ê,É•\Ž!,Ä,«,Û,·[]B

fy[]fW,đ•\Ž!,·,é,Æ,«,É□A%°¹Šy,â%°¹,đ□Ä□¶,·,é,æ,æ,É,μ,Ü,·□B

fl[]fffBfl fNfŠfbfv,ª-,,ß□ž,Ü,ê,Ä,ç,éfy[]fW,đ•\Ž!,·,é,Æ□A”ñ□í,ÉŽžŠÔ,ª,©,©,é,±,Æ,ª, ,è,Ü,·□Bfy[]fW,ì\Ž!,đ’¬,,·,é,É,í□A,±,lf`fFfbfN f{fbfNfX,đflft,É,μ,Ü,·□B

RealAudio Player ,ªfCf“fXfg[]f<,ª,ê,Ä,ç,é□ê□#□A,“,æ,Ń“®%°æ,ì□Ä□¶’t,í□A,±,lf`fFfbfN f{fbfNfX,ªflft,É,È,Á,Ä,ç,Ä,à%°¹,ª□Ä□¶,ª,ê,Ü,·□B

fy[]fW,ð•\Ž!,·,é,Æ,«,É[]Afrfffi fNfŠfbfv,ð[]Ä[]¶,·,é,æ,π,É,μ,Ü,·[]B  
frfffi fNfŠfbfv,ª-,,β[]ž,Ü,è,Ä,ç,éfy[]fW,ð•\Ž!,·,é,Æ[]A”ñ[]í,ÉŽžŠÔ,ª,©,©,é,±,Æ,ª,è,Ü,·[]Bfy[]fW,ì\  
Ž!,ð’¬,,·,é,É,í[]A,±,ì`fFfbfN f{fbfNfX,ðflft,É,μ,Ü,·[]B  
,±,ì`fFfbfN f{fbfNfX,ªflft,É,È,Á,Ä,ç,Ä,à[]Afrfffi,ðŽ!,·fAfCfRf”,ðf}fEfX,ì  
%°Ef{f^f”,ÄfNfŠfbfN,μ[]A[%°æ’œ,ì•\Ž!] ,ðfNfŠfbfN,·,é,Æ[]Afrfffi,ðCEÂ•Ê,É•\Ž!,Ä,«,Ü,·[]B

[•\Ž:] - [fCf“f^[f]fbfg flfvfVf#f“] f\_fCfAf□fo f{fbfNfX,ì [‘S”Ê] f^fu,ì [□F] f{f^f“

Žw'è,μ,½□F,Åfy□[fW,ì•¶Žš—ñ,Æ"wCEi,ð•\Ž|,·,é,æ,α,É,μ,Ü,·□B  
,±,ìf`fFfbfN f{fbfNfX,³f|f",É,È,Á,Ä,ç,é□ê□‡,í□Afrf"fgf□□[f< fpf|f<,ì [%œ-Ê]  
fAfCfRf",ÅŽw'è,μ,½□F,ì□Ý'è,³Žg,í,ê,Ü,·□B

fy[fW"à,ì•¶Žš—ñ,Æfy[fW,ì"wŒi,ìF,ðŽw'è,μ,Û,·B  
F,ð'I,Ô,É,ÍAf{f^f",ðNfŠfbfN,μAF,ðNfŠfbfN,μ,Û,·B  
[Windows ,ìF,ðŽg—p] f`fFfbfN f{fbfNfX,³fJf",.É,È,Á,Ä,č,éêê#A[]-ŽÒ,É,æ,Á,ÄF,³Žw'è,³,è,Ä,č  
,È,čfy[fW,Á,ÍAfRf"fgf[]f< fpf!f<,ì [%æ-Ê]  
fAfCfRf",ÁŽw'è,μ,½F,³Žg,í,è,Û,·Bfy[fW,ì[]-ŽÒ,É,æ,Á,ÄŽw'è,³,è,Ä,č,éF,ð-³Ž<,·,é,É,ÍA[fLfff"fZf<]  
,ðNfŠfbfN,μA[f+[]fU[]•â[]],ðNfŠfbfN,μ,Û,·B



Šù,É•\Ž!,μ,½fy[]fW,Ö,İfŠf“fN,İ□F□A,¨,æ,Ñ,Ü,¼•\Ž!,μ,Ä,ç,È,çfy[]fW,Ö,İfŠf“fN,İ□F,đŽw'è,μ,Ü,·□B  
□F,đ'I,Ô,É,Í□Af{f^f“,đfNfŠfbfN,μ□A□F,đfNfŠfbfN,μ,Ü,·□B

[•\Ž!] - [fCf“f^[f]f]bfg flfvfVf:f“] f\_fCfAfO f{fbfNfX,ì [Ú×Y’è] f^fu,ì [fc[f< fo[] -  
[¬,³,çfAfCfRf“]

Microsoft Office ,Å[]—p,³,ê,Ä,ç,é,ì,Æ“¬,¶,æ,κ,È[]¬,³,çf{f^f“,ðfc[]f< fo[][,É”z’u,·,é,æ,κ,É,μ,Û,·[]B

fy[]fW,ì•\Ž!,ÉŽg—p,·,·éftfHf“fg,đ•ĭ,!,é,Æ,«,ÉfNfŠfbfN,μ,Û,·□B

• W□€, ìCE¾CEê, ì□Ý'è, ð•ï, ì, é, Æ, «, ÉfNfŠfbfN, μ, Ü, ·□B

fRf“fsf...[]f^,ÉfCf“fXfg[]f<,³,è,Ä,ç,é•¶ŽšfZfbfg,ì^è—,ª•\  
Ž,³,è,Û,·□B•¶ŽšfZfbfg,ð'l,Ñ□AftfHf“fg,ðŽw'è,µ,Û,·□B

• ěžš—ň, ì• Ž! , ÉŽg—p, : , éfvf□f□□[fVf#fjif< ftjHf“fg, ì-¼‘O, ðŽw’è, μ, Û, ·□B

• ¶Žš—ň,ì\Ž!,ÉŽg—p,·,éĀ'è•¶ftfHf“fg,ì-¼'O,đŽw'è,μ,Û,·B



'l'ð,µ,½•W□€,.lftjHf“fg,É□Ý'è,·,é MIME (Multipurpose Internet Mail Extensions) f□fbfZ□[fW,ì•W□€  
,ì•¶ŽšfZfbfg,ð'l'ð,Å,«,é,æ,π,É,µ,Û,·□B^ê—,Å-Ú“l,ì•¶ŽšfZfbfg,ðfNfŠfbfN,µ,Û,·□B

Žw'è,μ,½f\_fCf,,f<fAfbfv flfbfgf□□[fN,ì□Ú'±,ðŽg,Á,ĀfCf" f^□[flfbfg,É□Ú'±,·,é,æ,α,É,μ,Ü,·□B  
,±,ìflfvfvf#f",ª'ì'ð,³,è,Ā,ç,é□è□#,í□AfCf" f^□[flfbfg,É□Ú'±,μ,Ā,ç,È,ç,Æ,«,ÉfCf" f^□[flfbfg  
fTfCfG,ìñ•ñ,ðŒ©,æ,α,Æ,·,é,Æ□Af\_fCfAf□fO f{fbfNfX,ª•\Ž!,³,è,Ü,·□B,±,ìf\_fCfAf□fO  
f{fbfNfX,©,ç'¼□ÚfCf" f^□[flfbfg,É□Ú'±,Ā,«,Ü,·□B  
f□□[fjf< fGfŠfA flfbfgf□□[fN (LAN) ,©,ç'¼□ÚfCf" f^□[flfbfg,É□Ú'±,·,é□è□#,í□A,±,ìflfvfvf#f",ð'ì'ð,μ,È,ç,Ā,-  
,¾,³,ç□B  
'□ f\_fCf,,f<fAfbfv flfbfgf□□[fN,ðfCf" fXfg□[f<,μ,Ā,ç,È,ç□è□#,í□A,±,ìflfvfvf#f",íŽg—  
p,Ā,«,Ü,¹,ñ□Bf\_fCf,,f<fAfbfv flfbfgf□□[fN,ðfCf" fXfg□[f<,·,é,É,í□AfRf" fgf□□[f< fpf|f<,ì [fAfvfŠfP□[fvf#f",ì'Ç  
%oĀ,Æ□í□œ] fAfCfRf",ðf\_fuf<fNfŠfbfN,μ□A[Windows ftf@fCf<] f^fu,ì [ 'É□M]  
,ðf\_fuf<fNfŠfbfN,μ,Ü,·□BŽŸ,É□A[f\_fCf,,f<fAfbfv flfbfgf□□[fN] f`fFfbfN f{fbfNfX,ðflf",É,μ,Ü,·□B

Šù,ÉfZfbfgfAfbfv,³,è,Ä,ç,éf\_fCf,,f<fAfbfv flfbfgf□□[fN,ì□Ú'±,ì^è—,ª•\Ž!,³,è,Ü,·□BfCf“f^□[flfbfg,Ö,ì□Ú'±  
,ÉŽg,ɸf\_fCf,,f<fAfbfv flfbfgf□□[fN,ì□Ú'±,đfNfŠfbfN,μ,Û,·□B  
□Ú'±,đfZfbfgfAfbfv,μ,Ä,ç,È,ç□ê□‡,í□A□V,μ,ç□Ú'±fEfBfU□[fh,ª•\Ž!,³,è,Ü,·□B

Žw'è,μ,½f\_fCf,,f:fAfbfv flfbfgf[]fN,ìÚ'±,ì"d~b"Ô+[]Af,ff€[]ATCP/IP  
,ìî•ň,È,Ç,ìÚ×Ý'è,ð•Ī,Ī,é,Æ,«,ÉfNfŠfbfN,μ,Û,·B

□V,μ,ϕ□Ú'±fEfBfU□[fh,Åf\_Cf,,f<fAfbfv flfbfgf□□[fN,ì□Ú'±,ð□ì,é,Æ,«,ÉfNfŠfbfN,μ,Û,·□B

Žw'è,μ,½ŠÔ□Afrf“fsf...□[f^,đŽg—p,<sup>1</sup>,,É•ú'u,·,é,Æ□Afcf“f^□[flfbfg,©,ç□Ø'f,<sup>3</sup>,ê,é,æ,κ  
,É,μ,Ü,·□B•<sup>a</sup>P^Ê,Å'ł,đ“ü—í,·,é,©□A,Ü,½,Í%oE,ì-î^óf{f^f“ ,đfNfŠfbfN,μ□A□Ø'f,Ü,Å,ìŽžŠÔ,đŽw'è,μ,Ü,·□B  
fcf“f^□[flfbfg,Ö,ìfAfNfZfX,žžŠÔ'P^Ê,Å%oÛ<à,<sup>3</sup>,ê,Ä,ç,é□ê□#,í□A,±,ìflfvfVf#f“ ,đŽg,κ  
,Æ□Afcf“f^□[flfbfg,Ö,ì□Ú'±—z<à,đ□ß-ñ,Å,«,Ü,·□B  
,±,ìf`fFfbfN f{fbfNfX,³flft,É,È,Á,Ä,ç,é□ê□#,í□A[f\_fCf,,f<fAfbfv flfbfgf□□[fN] fEfBf“fhfE,ì [□Ø'f]  
,đfNfŠfbfN,μ□AŽè“ ® ,Å□Ú'±,đ□Ø'f,·,é•K—v,<sup>a</sup>, ,è,Ü,·□B

f\_fCf,,f< ,. ,é'O,É□AfpfXf□□[fh□î•ñ,đ“ü—Í,.,é,æ,κ,É<□,β,éf\_fCfAf□fO f{fbfNfX,<sup>a</sup>•\Ž!,<sup>3</sup>,ê,é,æ,κ,É,μ,Û,·□B

f□□[f]f< fGfŠfA flfbfgf□□[fN (LAN) ,lfvf□fLfv fT□[fo□[ ,ðŒeo—R,μ,ÄfCf“f^□[flfbfg,ÉfAfNfZfX, ,é,æ,κ  
,É,μ,Ü,·□B

fvf□fLfv fT□[fo□[ ,í□ALAN (fCf“fgf%□flfbfg) ,ÆfCf“f^□[flfbfg,ìŠÔ,ì-hŒè•Ç,ì-ðŠ,,ð  
%□Ê,½,μ□A,Ü,©,íft□[fU□[ ,æfCf“f^□[flfbfg,ð'Ê,¶,Ä LAN □ã,ì□d—v,È□î•ñ,ÉfAfNfZfX,Å,«,È,ç,æ,κ,É,μ,Ü,·□B



f v f l f v f t f o i ' è , ð • ï , ! , é , Æ , « , É f N f Š f b f N , μ , Ü , · B

HTTP fvf[]fgfRf<[]AHTTPS fvf[]fgfRf<[]AFTP fvf[]fgfRf<[]AGopher fvf[]fgfRf<[]A,¨,æ,Ñ Socks  
fvf[]fgfRf<,ÅfCf“f^[][flfbfg,ÉfAfNfZfX,·,é,Æ,«,ÉŽg,ɸfvf[]fLfv fT[][fo[][,lfAfhfCEfX,Æf[][fg”Ô[]t,ð“ü—  
í,·,é[]é[]Š,Å,·[]B

f[][]fjff< fGfŠfA flfbfgf[][]fN (LAN) ,É[]Ú‘±,³,ê,Ä,ç,évf[]fLfv fT[][fo[][,ðCEo—  
R,μ,ÅfCf“f^[][flfbfg,ÉfAfNfZfX,·,é[]é[]‡,ÉCEÀ,è[]A,±,lfvf[]Vf‡f“,ðŽg,ç,Ü,·[]B[]Ú[]×,É,Ä,ç  
,Ä,í[]Af[]fbfgf[][]fNŠÇ—[]ŽÒ,É,¨-â,ç[]‡,í,¹,,³/4,³,ç[]B

fCf“f^□[flfbfg,ÉfAfNfZfX,·,é,Æ,«,É□Afvf□fgfRf<,ÉŠÖCEW,È,“~,¶fvf□fLfv fT□[fo□[,ðŽg,α,æ,α,É,μ,Ü,·□B  
fvf□fLfv fT□[fo□[,ð 1 ,Â,¾,~Žg,α□ê□‡,í□A,±,ì`ffbfN f{fbfNfX,ðfif“,É,μ,Ü,·□B

fvf[]fLjV fT[]fo[],đŒo—R,¹,ĎÉCf“f^[]f[]fbfg,ÉfAfNfZfX,·,éfvf[]fgfRf<,đ“ü—Í,·,é[]é[]Š,Å,·[]B  
fCf“fgf%of[]fbfg,É,·,éRf“fsf...[]f^,É[]Ú’±,·,é[]é[]‡,Í[]A,»,)fRf“fsf...[]f^,lfAfhfŒfX,đ“ü—  
Í,μ,Ü,·[]B,½,Æ,¡,Í[]AJoe1 ,Æ,¢,α-¼’O,)fRf“fsf...[]f^,É[]Ú’±,·,é[]é[]‡,Í[]Af{fbfNfX,É[]uJoe1[]v,Æ“ü—  
Í,μ,Ü,·[]B  
fhf[]fCf“-¼[]AfzfXfg-¼[]A,Ü,½,lfAfhfŒfX,É,Í[]Af[]fCf<fh f[]f[]fh,đŽg—p,Å,«,Ü,· (—á: www.\*.com;  
128.\*.240.\*; \*.mygroup.\*; \*x\*)[]B

f[]fjff< fGfŠfA flfbfgf[]fN (LAN) ,É, ,éfy[]fW,đ•\Ž!,·,·,é,Æ,«,Éfvf[]fLjV fT[]fo[][,đŒeo—  
R,<sup>1</sup>, ,ÉfAfNfZfX,·,·,é,æ,π,É,μ,Û,·Bfvf[]fLjV fT[]fo[][,ÍALAN (fCf“fgf%°flfbfg) ,ÆfCf“f^[]flfbfg,ÌŠŒ,ì-  
hŒèì•Ç,ì-đŠ,,,đ%°É,½,·,½,ß[]Afvf[]fLjV fT[]fo[][,đŒeo—R,μ,Äfy[]fW,ÉfAfNfZfX,·,·,é,É,í[]AfvfXfef€ŠÇ—  
[]ŽŒ,©,ç“Á•É,ÉfAfNfZfXŒE ,đŽæ“¾,·,·,é•K—v,<sup>a</sup>, ,è,Û,·Bfvf[]fLjV fT[]fo[][,đŒeo—  
R,μ,È,ç•û,<sup>a</sup>[]A,æ,èŠÈ’P,É,·,·,î,â,f[]fjff< fAfhfŒfX,ÉfAfNfZfX,Å,«,Û,·B

fz[]f€ fy[]fW (fXf^[]fg fy[]fW) ,Æ,μ,ÄE»[]Ý[]Ý'è,³,ê,Ä,ç,éfy[]fW,ìfCf"f^[]fifbfg fAfhfCEfX,ð•\Ž!,μ,Ü,·[]B  
fz[]f€ fy[]fW,í[]AInternet Explorer ,ð<N"®,·,é,Æ[]A[]Å[]%oo,É•\Ž!,³,ê,éfy[]fW,Å,·[]Bfc[]f< fo[],ì [fz[]f€]  
f{f^f",ðfNfŠfbfN,·,é,Æ[]A,ç,Ä,Ä,àfz[]f€ fy[]fW,É-ß,é,±,Æ,³,Ä,«,Ü,·[]B

«»•\Ź!,μ,Ä,ç,éfy[]fW,đfz[]f€ fy[]fW (fXf^[]fg fy[]fW) ,ÉŸ'è,μ,Ü,·B

fz[]f€ fy[]fW,ð Internet Explorer 4.0 ,jCf“fXfg[]f<'¼CEã,É[]Ý'è,<sup>3</sup>,è,Ä,ç,½fz[]f€ fy[]fW,É-  
ß,·,Æ,«,ÉfNfŠfbfN,μ,Ü,·B



—š—đ,đ•Ů'ŋ,μ,Ä,","ú",đŽw'è,μ,Ü,·B

Internet Explorer ,Á,íA•Ž!,μ,½fy[fW,Ö,lfVf#f[fgfjfbfg,ª•Ů'ŋ,ª,ê,Ü,·BfffBfXfN,ìó,«—ì^æ,ª-  
,È,ç,é,íA,±,ì"Žš,đ,ª,ª,μ,Ü,·B

—š—đ,ì^ê—,ª•Ù'¶,³,ê,Ä,ç,éftfHfçf\_ì"à—e,đííœ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B,±,ìftfHfçf\_É,í□AŠù,É•\ Žì,μ,½fy□[fW,Ö,ìVf#□[fgfjfbfg,ª•Ù'¶,³,ê,Ä,ç,Ü,·□B

Internet Explorer ,ÅŽg,π“dŽqf□□[f< fvj□fOf%of€,đŽw’è,μ,Û,·□B

Internet Explorer ,ÅŽg,ƣfjf...[fXfŠ[f\_[][,đŽw'è,μ,Û,·[]B

, Ù, ©, ìfuf%ofEfU, ðfCf“fXfg[]f<, μ, ½[]ê[]‡, à[]AInternet Explorer , ð•W[]€, ìfuf%ofEfU, Æ, μ, ÄŽg, ¼, æ, ¼  
, É, μ, Ü, ·[]B

, ±, ìf`fFfbfN f{fbfNfX, ³fif“ , É, È, Á, Ä, ç, é, Æ[]AInternet Explorer , ð<N“® , , , é, ½, Ñ, É[]AInternet Explorer  
, ²•W[]€, ìfuf%ofEfU, É[]Ý'è, ³, ê, Ä, ç, é, ±, Æ, ²Sm, ©, ß, ç, ê, Ü, ·[]B, Ù, ©, ìfvf[]fOf%of€, ²•W[]€, ìfuf  
%ofEfU, Æ, μ, Ä[]Ý'è, ³, ê, Ä, ç, é[]ê[]‡, í[]A•W[]€, ìfuf%ofEfU, ð Internet Explorer , É-ß, , , ©, Ç, ¼  
, ©, ðŠm“F, , , éf[]fbfZ[]fW, ²•\Ž!, ³, ê, Ü, ·[]B

fRf“fef”fc fAfhfofCfU,ì—LÆø,Æ-³Æø,ð∅,è‘Ö,!,é,Æ,«,ÉfNfŠfbfN,μ,Û,·∅BŽq<Ÿ,ª,ç,é∅ê∅‡,É∅Afrf“fsf...  
∅[f^,Å•\Ž!,Å,<éfCf“f^∅[f]fbfg,ì∅î•ñ,ðŠÇ—∅,·,é,Æ,<ÉŽg,ç,Û,·∅B

• Ž, : éCf“f^[]f|fbfg fTfCfg, à—e, ð\$CEÀ, : éRf“fef“fc fAfhfofCfU, ìÝ’è, ð•ī, ¡, é, Æ, «, ÉfNfŠfbfN, μ, Ü, ·B

fRf“fsf...[]f^,ÉfCf“fXfg[]f<,μ,½CEÂ[],ìfZfLf...fŠfefB[]Ø-¾,ð•\Ž!,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·[]BCEÂ[]l,ì[]Ø-¾,í[]A,±,ì[]î•ñ,ð•K—v,Æ,·,éfNf%ofCfAf“fg”F[]ØfT[]fo[]l,¾,¯,ÅŽg—p,Å,«,Ü,·[]B



í•ň,đ—M,·,é'O,ÉAWeb fTfCfg,©,ç'—M,<sup>3</sup>,é,éfZfLf...fŠfefB∅<sup>-3/4</sup>,đŠm,©,β,é,æ,κ  
,É,μ,Ü,·B^À'S,ÈfTfCfg,©,ç,íA∅<sup>-3/4</sup>,<sup>a'</sup>—,ç,è,é,<sup>1/2</sup>,βAfTfCfg,ìfZfLf...  
fŠfefB,ÉŠÖ,·,éí•ň,đŠm"F,Å,«,·B∅<sup>-3/4</sup>,íA"A'è,ì'gD,É'í,μ,Ä—LCEøŠúCEÀ•t,«,Å"□s,<sup>3</sup>,ê,Ü,·BIInternet  
Explorer ,Å,íA∅<sup>-3/4</sup>,ÆfTfCfg,ìfAfhfCEfX,đÆ□†,μ,Ä,©,çA∅<sup>-3/4</sup>,ì—LCEøŠúCEÀ,<sup>a</sup>∅,ê,Ä,ç,É,ç,±  
,Æ,<sup>a</sup>Šm"F,<sup>3</sup>,ê,Ü,·B,±,é,ç,ìí•ň,É-â'è,<sup>a</sup>, ,é□é□†,íACEx□□,<sup>a</sup>•Ž!,<sup>3</sup>,ê,Ü,·Bí•ň,đ•Ž!,·,é,±,Æ,əfZfLf...  
fŠfefBã,ì-â'è,É,È,é,±,Æ,í,Ü,Æ,ñ,Ç, ,è,Ü,<sup>1</sup>,ñ,<sup>a</sup>AfNfCEfWfbfg fj□[fh"Ô□†,È,Ç,ìí•ň,đ'—M,·,é'€□ì,í-  
â'è,ìCE'ö,É,È,é%oÅ"□«,<sup>a</sup>, ,è,Ü,·B,»,ì,<sup>1/2</sup>,βAfy□[fW,ì•Ž!,ìCEx□□,đ-<sup>3</sup>CEø,É,μ□Aff□[f^,ì'—M,ìCEx□□,đ—  
LCEø,É,μ,Ä,·,±,Æ,đ,"Š©,β,μ,Ü,·B

∅-¾, ì" sCE³, ð•\Ž!, , é, Æ, «, ÉfNfŠfbfN, μ, Ü, ·B

fAfNfefBfu fRf“fef“fc,đŽ©“®“l,Éj\_fEf“f□□[fh,·,é,æ,α,É,μ,Ü,·□BfAfNfefBfu  
fRf“fef“fc,É,í□AfAfjj□□[fVf#f“□Af}f·f`f□fffBfA ftj@fCf<,È,Ç,ªŠÜ,Ü,è,Ü,·□B

fRf“fsf...□[f^,ÉfCf“fXfg□[f<,³,è,Ä,ç,éfZfLf...fŠfefB□Ø-¾,ì^è—,ª•\Žì,³,è,Ü,·□B

'l'đ,μ,½fZfLf...fŠfefB∅-¾,ÉŠÖ,·,éÚ×,Èî•ň,đ•\Ž!,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·B

'l'đ,μ,½fZfLf...fŠfefB∅-¾,đí∅œ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·∅BfZfLf...fŠfefB∅-¾,ì—  
L∅Šú∅À,ª∅,è,½,è∅AWeb fTfCfg,ª-³∅,É,È,Á,½,Æ,«,ÉŽg,ç,Ü,·∅B

•ÚŒì, :é•K—v, ì, ,éî•ñ, ðfRf“fsf...[]f^, ìfn[]fh fffBfXfN, É•Ú’¶, μ, È, ç, æ, x, É, μ, Û, ·□B<x—L, μ, Ä, ç  
, éfT[]fo[][, ©, ç Internet Explorer , ðŽÀ[]s, μ, Ä, ç, é[]ê[]‡, É[]A•ÚŒì, :é•K—  
v, ì, ,éî•ñ, ð, Û, ©, ìft[]fU[][, ÉŒ©, ç, ê, È, ç, æ, x, É, ·, é, ½, ß, ÉŽg, ç, Û, ·□B

• Účel: , é • K—v, ò, , é ě • ě, ð SSL2 (Secured Sockets Layer Level 2) , ð Žg, Á, Ä'—Žó M, , , é, æ, π  
, É, μ, Ü, • BSSL2 , í A^À'S, É'É M, , , é, ½, ß, ò • W € "I, È f v f ě f g f R f <, Ä, , è A^À'S, È Web f T f C f g, Ä, í • K, , Žg, í, è, Ä, ç  
, Ü, • B



• Účel: , é•K—v,ì, ,éí•ň,ď SSL3 (Secured Sockets Layer Level 3) ,ďŽg,Á,Ä'—ŽóM, ,é,æ,π  
,É,μ,Ü, BSSL3 ,íASL2 ,æ,è,à,<sup>3</sup>,ç,É^À'S,É'ÉM,Ä,«,é,±,Æ,ð-Ú“l,Æ,μ,½fvf[]fgfRf<,Ä, B^ê•”,ì Web  
ftfCfg,Á,íA,Ü,<sup>3</sup>/<sub>4</sub>,±,lfvf[]fgfRf<,É'í%ž,μ,Ä,ç,È,ç,±,Æ,É'^Ó,μ,Ä,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,çB

•ÚŒì,·,é•K—v,ì, ,éŕî•ň,đ PCT (Private Communications Technology) ,đŽg,Á,Ä'—ŽóM,·,é,æ,x  
,É,μ,Ü,·BMicrosoft ,É,æ,èŠJ",<sup>3</sup>,è,<sup>1</sup>/<sub>2</sub> PCT ,ì^À'Sŕ«,ÍŕASSL2 ,æ,è,à'â•ŕ,ÉŒüŕă,μ,Ä,ŕ,Ü,·B^è•",ì Web  
ftfCfg,Á,ÍŕA,Ü,<sup>3</sup>/<sub>4</sub>,±,ìfvfŕfgfRf<,É'î%ž,μ,Ä,ŕ,È,ŕ,±,Æ,É'ŕ^Ó,μ,Ä,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ŕŕB

fZfLf...fŠfefB□ā,ì-â'è,ð<N,±,·%oÂ"\□«,<sup>a</sup>, ,é Web fTfCfg,ÉfAfNfZfX,·,é,Æ,«,ÉCEx□□,<sup>a</sup>•\Ž!,<sup>3</sup>,è,é,æ,κ  
,É,μ,Ü,·□BfAfNfefBfu fRf“fef“fc,ífZfLf...fŠfefB□ā,ì-â'è,ð<N,±,·%oÂ"\  
□«,<sup>a</sup>, ,é,½,β□Af\_fEf“f□□lfh,<sup>3</sup>,è,□ACE©,é,±,Æ,Í,Å,«,Ü,<sup>1</sup>,ñ□B

fZfLj...fŠfefB□ã,ì-â'è,ð<N,±,·%oÂ"□«,<sup>3</sup>, ,é Web fTfCfg,ÉfAfNfZfX,·,é,Æ,«,ÉCEx□□,<sup>3</sup>•\Ž|,<sup>3</sup>,è,é,æ,κ  
,É,μ,Ü,·□BCEx□□,ì\_fCfAf□fO f{fbfNfX,Å□AfAfNfefBfu fRf"fef"fc,ðf\_fEf"f□□lfh,Ü,½,í•\Ž|,·,é,©,Ç,κ  
,©,ð'ì'ð,Å,«,Ü,·□B

fZfLf...fŠfefB□ā,ì-â'è,ð<N,±,·%oÂ"□«,<sup>a</sup>, ,é Web fTfCfg,ÉŠÖ,·,éCEx□□,<sup>a</sup>•\Ž!,<sup>3</sup>,è,È,ç,æ,α,É,μ,Û,·□B□Ø-<sup>3</sup>/<sub>4</sub>,<sup>a</sup>  
—LCEø,Å, ,è,í□A,·,×,Ä,ìfAfNfefBfu fRf"fef"fc,afRf"fsf...  
□[f^,Éf\_fEf"f□□[fh,<sup>3</sup>,è,Û,·□BCE»□Ÿ,ìf]□[f",ÉŠÛ,Û,è,éfTfCfg,<sup>a</sup>□M—Š,Å,«,éfTfCfg,Å,í,È,ç□ê□‡,í□A,±,ìfZfLf...  
fŠfefB fCEfxf<,ð'! 'ð,μ,È,ç,Å,,<sup>3</sup>/<sub>4</sub>,<sup>3</sup>,ç□B

^À'S,ÈfCf"f^[]fjfbfg

fTfCfg,©,ç^À'S,Å,È,çTfCfg,É^Ú"®,μ,½,èA^À'S,Å,È,çTfCfg,©,ç^À'S,ÈTfCfg,É^Ú"®,μ,½,è,·,é,Æ,«,ÉA  
Ex[],ª•\Z¡,³,ê,é,æ,π,É,μ,Û,·B

fCf“f^[]f]fbfg fTfCfg,lfZfLf...fŠfefB[]Ø-¾,ÉŠÜ,Ü,ê,éfAfhfCEfX (URL) ,ª-³CEø,È,Æ,«,É[]ACEx[][],ª•\  
Ž,³,è,é,æ,κ,É,μ,Ü,·[]B

Web fTfCfg, ©, ç "cookie" ,đŽó, ěŽæ,Á,½,Æ,«,ÉACEx□□,ª•\Ž!,³,ê,é,æ,α,É,μ,Û,·□Bcookie  
,Í□AfCf“f^□[fljfbfg fTfCfg, ©, ç’—□M,³,ê□AfRf“fsf...□[f^,É•Ú‘¶,³,ê,éftf@fCf<,Á,·□B,±  
,ìftf@fCf<,É,Í□Aft□[fU□[.ìŽ˘•Êî•ň,ÆfTfCfg,ÉfAfNfZfX,μ,½,Æ,«,ì□Ý’è,ª•Ú‘¶,³,ê,Ä,ç,Û,·□B,½,Æ,ì,Î□AfIf“f  
%ofCf“ f}fKfWf“,đ□w“Ç,·,é,Æ□A□w“ÇŽÒ,Á, ,é,±,Æ,đŽ˘•Ê,·,é,½,ß,ì□î•ň,ªfCf“f^□[fljfbfg  
fTfCfg, ©, çf\_fEf“f□□[fh,³,ê,Û,·□B



ffBfXfN fLffbfVf... ð•Ž! , : , é, Æ, «, ÉfNfŠfbfN, μ, Ü, · □B, ±, ðftfHf<f\_ , É, í □A • \Ž! , μ, ½fy □lfW, âfOf  
%oftfBfbfNfX, È, Ç, º • Û' ¶, º, ê, Ü, · □B

ffBfXfN fLffbfVf...É•Û‘¶,³,ê,Ä,ç,éftf@fCf<,ì^è—,ð•\Ž!,μ,½,è□AfffBfXfN fLffbfVf...,Æ,μ,ÄŽg,æfffBfXfN  
—ì^æ,ìŠ,,□‡,ðŽw’è,μ,½,è□AfffBfXfN fLffbfVf...,ìftfHf<f\_,ð•ï□X,μ,½,è,·,é,Æ,«,ÉfNfŠfjbfN,μ,Û,·□B

'l'đ,μ,½%œ'œ,Û,½,ÍfAfhfĈfX (URL) ,lžü,è,É~gü,đ•\Žl,·,é,æ,α,É,μ,Û,·□B

Š®‘S,ÈfAfhfĀfX (URL) ,đfXfe[]f^fX fo[][,É•\Ž!,μ,Ü,·[]B

,½,Æ,!,Î[]A•Ä[]‘ Microsoft ,ì World Wide Web ,lfz[][f€ fy[][fW,đŠ®‘S,ÈfAfhfĀfX,Å•\,·,Æ  
http://www.microsoft.com ,É,È,è,Ü,·[]B

“à’ ,³,ê,Ä,ç,é Java fRf“fpcf%oo,ÅŽ©“®“l,É Java fAfvfCEfbfg,ð[]i,é,æ,α,É,μ,Û,·□B,½,Æ,¡,î□AJava  
fAfvfCEfbfg,³Žg,í,é,Ä,ç,é Web fTfCfg,É^Ú“® ,·,é,Æ□AŽg—p,μ,Ä,ç,élfyfCE[]fefBf“fO fvfxfef€,ìŽí—  
p,É,©,©,í,ç, .□AŽ©“®“l,É Java fAfvfCEfbfg,³[]i□-,³,ê,ÄŽÀ□s,³,é,Û,·□B

“Á•Ê,ÈfXfNf□□[f<•ùŽ® ,Åfy□[fW,ð•\Ž!, ,é,æ,π,É,μ,Ü, □B

Java fvf□fOf%of€,đŽÀ□s,·,é,½,Ñ,Éf□fO,đ□ì,é,æ,ꝛ,É,μ,Û,·□B,±,̀f□fO,í□AfZfLf...fŠfefB•ÚŒèì,¨,æ,Ñfgf  
%ofuf<fVf...□lfefBf“fO,É—~—p,Å,«,Û,·□B

Šù,É•\Ž!,μ,½fy□[fW,δ□Ä,Ñ•\Ž!,·,é,Æ,«□A'O%oñ,ì•\Ž!^È□~,Éfy□[fW,ª•ĭ□X,³,è,½,©,Ç,κ  
,©,đŠm,©,β,é,æ,κ,É,μ,Û,·□Bfy□[fW,ª•ĭ□X,³,è,Ä,ç,é□é□‡,Í□A•ĭ□XCEä,ì□V,μ,çfy□[fW,ª•\Ž!,³,è□AfffBfXfN  
flLfffbfVf...,É,à□V,μ,çfy□[fW,ª•Û'¶,³,è,Û,·□Bfy□[fW,ì•ĭ□X,ª, ,é,©,Ç,κ  
,©,Í□AŠefZfbfVf‡f“,É^ê“x,¾,Šm,©,β,ç,è,Û,·□B,±,lfVfVf‡f“,đ'!,Ô,Æ□AŠù,É•\Ž!,μ,½fy□[fW,δ•\  
Ž!,·,é,Æ,«,É□Afy□[fW,ì•\Ž!'¬“x,ª'x,,È,é,±,Æ,É'□^Ó,μ,Ä,,¾,¾,ç□B



Šù,É•\Ž!,μ,½fy[]fW,đ□Ä,Ñ•\Ž!,·,é,Æ,«□A'O%oň,ì•\Ž!^È□~ ,Éfy[]fW,ª•İ□X,<sup>3</sup>,ê,½,©,Ç,κ,©,đŠm,©,β,È,ç  
,æ,κ,É,μ,Û,·□B,±,ìfìfvfVf#f“,đ'ì,Ô,Æ□ASù,É•\Ž!,μ,½fy[]fW,đ'¬,•\Ž!,Å,«,é,æ,κ,É,È,è,Û,·□BInternet  
Explorer ,đ<N“ @ ,μ,½,Æ,«,<sup>3</sup>/<sub>4</sub>, □Afy[]fW,ìfRf“fef“fc,ª•İ□X,<sup>3</sup>,ê,Ä,ç,é,©,Ç,κ,©,ªŠm,©,β,ç,ê,é,æ,κ  
,É,È,è,Û,·□B

,±,ìfìfvfVf#f“,đ'ì,ň,Å,ç,éêê#□Afy[]fW,ª□X□V,<sup>3</sup>,ê,Ä,ç,é,©,Ç,κ,©,đ'²,×,é,É,í□A[•\Ž!:] f[]fj...□[,ì  
[□Å□V,ìî•ň,É□X□V] ,đfNfŠfbfN,μ,Û,·□B

Šù,É•\Ž!,μ,½fy[fW,đÄ,Ñ•\Ž!,·,é,Æ,«A'O%ñ,ì•\Ž!^È~Éfy[fW,ª•ìX,³,ê,½,©,Ç,κ,©,đŠm,©,β,È,ç  
,æ,κ,É,μ,Û,·B,±,ìfìfvfVf#f“,đ'ì,Ô,ÆASù,É•\Ž!,μ,½fy[fW,đ'¬,•\Ž!,Ä,«,é,æ,κ,É,È,è,Û,·B  
,±,ìfìfvfVf#f“,đ'ì,ñ,Ä,ç,éêê#Afy[fW,ªXV,³,ê,Ä,ç,é,©,Ç,κ,©,đ'²,κ,é,É,íA[•\Ž!] fffj...[ì  
[ÄV,ìî•ñ,ÉXV] ,đfNfŠfbfN,μ,Û,·B

Šù,É•\Ž!,μ,½fy□[fW,δ•Ů'¶,·,éfffBfXfN—ì^æ,ìŠ,,□‡,đŽw'è,μ,Ů,·□B

Web ,ì□V,μ,çfy□[fW,δ•\Ž!,·,é,Æ□A•\Ž!,μ,½fy□[fW,Æ□Afy□[fW,ÉŠŮ,Ů,è,éfOf  
%oftfBfbfNfX,È,Ç,í^èŽŽ"l,ÉfRf"fsf...□[f^,ìfn□[fh fffBfXfN,É•Ů'¶,³,è,Ů,·□B,±,ì,½,β□A^è"x•\  
Ž!,μ,½fy□[fW,É-β,é,Æ,«,ìfy□[fW,ì•\Ž!'—"x,ªCEü□ã,μ,Ů,·□B

fffBfXfN fLfffbfVf...,ÉŠ,,è"-,Ä,éfffBfXfN—ì^æ,đ'□,â,·,Æ□A,æ,è'½,,ìfy□[fW,đfRf"fsf...□[f^,ìfn□[fh  
fffBfXfN,É•Ů'¶,Ä,«,Ů,·□BfffBfXfN,ì<ó,«—ì^æ,ª□,È,ç□é□‡,ì□AŠ,,□‡,đCE,,ç,μ,Ů,·□B

fCf“f^[]flfbfg^èŽžftf@fCf<,đ•Ú‘¶,·,éftfHf<f\_đ•ĩ[]X,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·[]B  
’[] fRf“fsf...[]f^,đ[]Ä·N“®,·,é,Æ[]A[]V,μ,†ftfHf<f\_žg—p,³,è,é,æ,α,É,È,è,Û,·[]B

Šù,É•\Ž!,μ,½fy[]fW,đ•Ů'¶,·,éftfHf<f\_ì"à—e,đí[]œ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·[]B

ffBfXfN,ì<ó,«—ì^æ,ª[],È,[]AŠù,É•\Ž!,μ,½fy[]fW,đœă,ĂŽQ[]Æ,·,é•K—v,ª,È,ç[]ê[]‡,ÉŽg,ç,Ü,·[]B

-Ú“l,ìfhfLf...f□“fg,Ü,½,ítfHf<f\_,ìŠ@‘S,ÈfCf“f^□[flfbfg fAfhfĈfX,ð“ü—í,·,é□ê□Š,Å,·□B

ftfHf<f\_ì't,đŽÀ□Ů,ÉĈ©,È,<sup>a</sup>,ç-Ú“l,ìftf@fCf<,đ'T,;,Æ,«,ÉfNfŠfbfN,μ,Ů,·□B

fy[]fW[]ä'[.lfwfbf\_[]Ü,½,lfy[]fW%°'[.lftfbf^[][.É^ó[]ü,.,é[]î•ñ,ð"ü—í,.,é[]ê[]Š,Ä,·[]B  
 fy[]fW,lfAfhf[]fX,È,Ç,ì"Á•Ê,È[]î•ñ,ð^ó[]ü,.,é[]ê[]±,í[]AŽŸ,ì•ŸŽš,ð'g,Ý[]±,í,¹,ÄŽg,ç,Ü,·[]B

- ŸŽš      ^ó[]ü[]CE%°[]Ê
- &w      fEfBf"fhfE f^fCfjg<
- &u      fy[]fW,lfAfhf[]fX (URL)
- &d      'Z,ç[]CE`Ž®,ì"ú•t (fRf"fjg[]f<f<  
          fpf[]f<,ì ['n^æ]  
          fAfCfRf",Ä[]Ý'è,µ,½[]CE`Ž®)
- &D      ',ç[]CE`Ž®,ì"ú•t (fRf"fjg[]f<f<  
          fpf[]f<,ì ['n^æ]  
          fAfCfRf",Ä[]Ý'è,µ,½[]CE`Ž®)
- &t      Žž[] (fRf"fjg[]f<f< fpf[]f<,ì  
          ['n^æ]  
          fAfCfRf",Ä[]Ý'è,µ,½[]CE`Ž®)
- &T      Žž[] (24 ŽžŠÔ[]§)
- &p      CE»[]Ý,lfy[]fW"Ô[]±
- &P      '[]fy[]fW"
- &&      fAf"fpf[]f"fh (&)
- &b      't%»'µ,ì,ì•ŸŽš—ñ (&b ,É'±  
          ,-,Ä•ŸŽš—ñ,ð"ü—í)
- &b&b      't%»'µ,ì,ì•ŸŽš—ñ ([]Ä[]%°,ì  
          &b ,É'±, -,Ä•ŸŽš—ñ,ð"ü—í)  
          ,Æ%°E'µ,ì,ì•ŸŽš—ñ (2 "Ô-Ü,ì  
          &b ,É'±, -,Ä•ŸŽš—ñ,ð"ü—í)

CE»[]Ý\Ž!,µ,Ä,ç,éfy[]fW,ì-¼'°,ª•\Ž!,³,è,Ü,·[]B,±,ì-¼'°,í•ì[]X,Ä,«,Ü,·[]B,±,lfy[]fW,Ö,lfVf#[]fjg[]fjg[]fjg,ª  
 [,,"<C,É"ü,è] f[]fjg...[][.É[]î[]¬,³,è,Ü,·[]B  
 jVf#[]fjg[]fjg[]fjg,ð•Û'Ÿ,.,éftfHf<f\_ ,ðŽw'è,µ,½,è[]A[]î[]¬,µ,½,è,.,é,É,í [ftfHf<f\_] ,ðfNfŠfjbfN,µ,Ü,·[]B



œ»Ÿ•\Ž!,μ,Ä,ç

,éŸ[]fW,ð,Ù,©,}ftfHf<f\_,É•Û'¶,μ,½,è[]A[]V,μ,çftfHf<f\_,É•Û'¶,μ,½,è,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·[]B

, ; < C, É “ ü, è, ð • Û ‘ ¶, : , é □ V, μ, ç f t f H f < f \_ , ì - ¼ ‘ O, ð Ž w ‘ è, : , é, Æ, «, É f N f Š f b f N, μ, Û, : □ B

Favorites ftjHf<f\_É, ,éftjHf<f\_î^ê—,ª•\Ž|,³,ê,Û,·□B

'l'đ,μ,½€-Ú,đ,Ù,©,ìéŠ,É^Ú“®,,é,Æ,«,ÉfNfŠfbfN,μ,Û,·B

'l'đ,μ,½□€-Ú,ì-¼'O,đ•İ,ı,é,Æ,«,ÉfNfŠfbfN,μ□A□V,μ,¢-¼'O,đ"ü-í,μ,Ü,·□B

'l'đ,μ,½€-Ú,đíœ,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·B

'l'đ,μ,½€-Ú,đŠj,,Æ,«,ÉfNfŠfbfN,μ,Ü,·B

f\_CfAfO f{fbNfX,đ•Â,ŋ,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·B



fVfXfef€ŠÇ— ŽÖ, ©, ç'ň<Ÿ, ³, ê, ½ftf@fCf<, ÉŠÜ, Ü, é, Ä, †, éŸ'èŸí•ň, đŽg, Á, Ä Internet Explorer  
, đŸ'è, ·, é, Æ, ‹, ÉfNfŠfbfN, μ, Ü, ·B

Internet Explorer ,đŸ'è,·,é,½,ß,ÉŽg,ıftf@fCf<-¼,Ü,½,Í URL ,đ"ü—Í,·,éêŠ,Â,·B,±  
,İftf@fCf<,ÍAŠé<ÆfvfXfef€Å Internet Explorer ,đŽÀs,·,é,½,ß,ÉfvfXfef€ŠÇ—  
ŹÖ,É,æ,Á,Äİİ-³,ê,Ü,·B,±,İftf@fCf<,É,ÍAfzİf€ fyİfW (fXf^İfg fyİfW) ,âfvfİfLİV  
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,½,Æ,ì,îA,±,ìfìvìfìfìfì“,ð'ì,ÑA"this" ,Æ,ç,α'PŒê,ðŽw'è,·,é,ÆA,±,ì'PŒê,ðŠÛ,þ "thistle" ,È,Ç,ì'PŒê,ì-  
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[ŒŸ] f{fbfNfX,É“ü—í,μ,½•Ÿš—ñ,ðŒŸ,·,·,é,Æ,«,ÉA‘â•Ÿš,Æ—•Ÿš,ì<æ•Ê,³Sm,É^ê‘v,·,é•Ÿš  
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[Œ¼Œê] f{fbfNfX,Å'l'ð,μ,½Œ¼Œê,ð^ê—,ì 1 ,Â%º,Ö^Ú“® ,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·B^ê—  
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Ž|,³,ê,Ü,·BftfHf“fg,ìTfCfY,đ•Ī,í,é,ÆAftfCfY,ì^Ù,È,é•¶Žš,ªŽg,í,ê,Ä,č  
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**^À'S,ÈftfCfg,É^Ú"®,.,é**

,±,ì Web ftfCfg,É^À'S,ÉÚ'±,μ,æ,κ,Æ,μ,Ä,ç,Û,·B,±,ìftfCfg,É—LCEø,Èø-¾,ª, ,éêê‡,íA^À'S,ÉÚ'±,Ä,«,Û,·Bø-¾,É,æ,èAWeb ftfCfg,ì^À'S«ª,Ûø,³,é,Û,·Bø-¾,É,íAftfCfg,ìgCE³,ð•Ûø,·,éí•ñªšÛ,Û,é,Ä,ç,Û,·B,±,é,É,æ,èA,Û,©,ìftfCfg,ª^À'S,ÈftfCfg,ð'•,κ,±,Æ,ð-hŽ~Ä,«,Û,·B

^À'S,È Web ftfCfg,É^Ú"®,.,é,ÆA,±,ìf\_cfAffo f{fbfNfX,ª•\Ž!,³,èA^À'S,È Web ftfCfg,É"ü,Á,½,±,Æ,ª'É'm,³,é,Û,·BfXfe[f^fX fo[.É,íAù'ò,ìfAfcfRf",ªCE®,ðš|,~,½ó'ò,Ä•\Ž!,³,é,Û,·B^À'S,È Web ftfCfg,©,ç^Ú"®,.,é,ÆA•É,ìf\_cfAffo f{fbfNfX,ª•\Ž!,³,èA^À'S,Ä,È,ç Web ftfCfg,ð•\Ž!,μ,Ä,ç,é,±,Æ,ª'É'm,³,é,Û,·BfXfe[f^fX fo[.É,íAù'ò,ìfAfcfRf",ªCE®,ðšO,μ,½ó'ò,Ä•\Ž!,³,é,Û,·B

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f{fbfNfX, ðflf“, É, ·, é, Æ□A fRf“fef”fc fvf□fofCf\_ , í□A Web fTfCfG, ìfy□[fW, ðft□[fU□[, á•\  
Žì, μ, ½, Æ, «, É□A, » , ìf□fO, ð□ì□-, Å, «, Ü, ·□B flftf%ofCf“, Åfy□[fW, ð•\  
Žì, μ, ½□ê□‡, Å, à□A f□fO, á□ì□-, ³, é, Ü, ·□B fRf“fef”fc fvf□fofCf\_ , í□A ‘Á’è, ìfy□[fW, ìŽg—p□ó<μ, â□l<C, ð’²□, ·, ·, é, ±  
, Æ, É, æ, Á, Ä□A f□[fU□[, ì<»-j, É□‡, x, æ, x, É fRf“fef”fc, ð’²□@, ·, é, ±, Æ, á, Å, «, Ü, ·□B



fXfPfwf...[f<,É],Á,Äw“Ç,đŽ©“®“l,ÉXV,·,é,æ,æ,É,μ,Ü,·B

W“Ç,µ,Ä,ç,é Web fTfCfg,©,çfRf“fef“fc,đf\_fEf“f□□[fh,·,é,Æ,«,É□A•Ê,ìfvf□fZfX,Å Internet Explorer  
,<sup>a</sup>□V,µ,<N“®,<sup>3</sup>,ê,é,æ,κ,É,µ,Û,·□B,±,ê,É,æ,è□AInternet Explorer ,ÅŽÀ□s,µ,Ä,ç,éfRf“fef“fc,âfvf□fOf%of€  
,ì“®□ì,<sup>a</sup>s^À’è,È□ê□‡,É□A,Û,©,ìfvf□fOf%of€,<sup>a</sup>t’f,<sup>3</sup>,ê,é,±,Æ,<sup>a</sup>□,È,,È,è,Û,·□B

∅-¾,žæ,èÁ,³,ê,Ä,ç,È,ç,©,Ç,κ,©,đŠm" F,μAŽæ,èÁ,³,ê,Ä,ç,é∅-¾,đ-³CEø,ÆCE©,È,·,æ,κ,É,μ,Û,·B

"cookie" ,đŽó, ˇŽæ,Á,½,Æ,«,ÉAfbfZ[fW,đ•Ž!,, ,É,»,)Ü,ÜŽó, ˇ“ü,è,é,æ,π,É,μ,Û,·Bcookie  
,ÍAfcf“f^ [flfbfg fTfCfg, ©,ç’—M,³,èAfrf“fsf... [f^,É•Ú‘¶,³,è,éftf@fcf<,Ä,·B,±  
,ìftf@fcf<,É,ÍAft [fU [.,ìŽ ˇ•Êî•ň,ÆftfCfg,ÉfAfNfZfX,μ,½,Æ,«,ìÝ’è,³•Ú‘¶,³,è,Ä,ç,Û,·B

fCf“f^[]flfbfg fTfCfg, ©, ç’—M,³,è,é cookie ,đŽó,~“ü,è,È,ç,æ,ı,É,μ□Afrf“fsf...[]f^,É, ,éŠù’¶,ì cookie  
,đfCf“f^[]flfbfg fTfCfg, ©, ç“Ç,ÝŽæ,é,±,Æ,ª,Ā,«,È,ç,æ,ı,É,μ,Û,·□Bcookie ,Í□Afcf“f^[]flfbfg  
fTfCfg, ©, ç’—M,³,è□Afrf“fsf...[]f^,É•Û’¶,³,è,éftf@fCf<,Ā,·□B,±  
,ìftf@fCf<,É,Í□Aft□fU□[,İŽ~•Ê□î•ň,ÆfTfCfg,ÉfAfNfZfX,μ,½,Æ,«,ì□Ý’è,ª•Û’¶,³,è,Ä,ç,Û,·□B

fy[]fW,đ^óü,·,é,Æ,«,É" wCEi[]F,Æ%œ'œ,đ^óü,·,é,æ,α,É,μ,Û,·[]B,±,lf`fFbfN  
f{fbfNfX,đf|f",É,·,é,Æ[]AfvfŠf"f^,ìŽd—l,É,æ,Á,Ä,í[]Afy[]fW,ì^óü'—"x,â^óü•iŽ,ª'á%º,·,é[]ê[]‡,ª, ,è,Û,·  
[]B

"fhfCf"" ,^ù,È,éfCf"f^[]fifbfg fAfhfCfX,ðŸö, ,é,æ,æ,É,μ,Û,·B  
,½,Æ,!,íAwww.microsoft.org ,ì,æ,æ,ÉfhfCf",ìŠg'£Žq,ðŠÔ^á,!,Ä"ü—í,μ,½ê#,íAf<[]fg,ì "microsoft"  
,É .eduA.comA.gov ,È,ÇA,Û,©,ìfhfCf",ìŠg'£Žq,ª•t, ¯,ç,ê,ÁfTfCfg,ªŸö,ª,ê,Û,·B,±  
,ìê#,íAª,μ,çfAfhfCfX,ì www.microsoft.com ,ªŸö,Ä,©,è,Û,·B

fAfhfCEfX fo[] ,É“ü—í,μ,½fAfhfCEfX,âfNfŠfbfN,μ,½fAfhfCEfX,³CE©,Â,©,ç,È,ç,Æ,«,É[]A,æ,Ž—  
,½fAfhfCEfX,ðCEŸ[]ð,·,é,æ,α,É,μ,Û,·[]BŽŸ,ìŸ'è,ì,ç,·,é,©,ð'ð,μ,Û,·[]B  
,æ,Ž—,½fAfhfCEfX,ðCEŸ[]ð,μ,È,ç,æ,α,É,·,é,É,í[]A[CEŸ[]ð,μ,È,ç] ,ðfNfŠfbfN,μ,Û,·[]B  
Šm" F,ìf\_cfAf[]fo f{fbfNfX,ð•\Ž!,μ,Ä,©,ç[]AfAfhfCEfX,ðCEŸ[]ð,·,é,æ,α,É,·,é,É,í[]A[í,Éf\_cfAf[]fo,ð•\Ž!]  
,ðfNfŠfbfN,μ,Û,·[]B  
f\_cfAf[]fo f{fbfNfX,ð•\Ž!,·,·,ÉfAfhfCEfX,ðCEŸ[]ð,·,é,æ,α,É,·,é,É,í[]A[í,ÉCEŸ[]ð] ,ðfNfŠfbfN,μ,Û,·[]B



[Ú×Ý'è] f^fu,ìÝ'è,ð,·,×,ÄÅ%o,ìÝ'è,É-ß,·,Æ,«,ÉfNfŠfbfN,μ,Ü,·B

Web fTfCfg, ©, çî•ñ, ð—v<□, ³, ê, ½, Æ, «, É'ñ<ÿ, ·, éCEÂ□î•ñ, ðŽw'è, ·, é, Æ, «, ÉfNfŠfbfN, μ, Ü, ·□B

∅-¾, ì" s æ, â" s E³, ì Ú × A, ", æ, Ñ ∅-¾, ì-¾ ×, δ • Ž!, ·, é, Æ, «, É f N f Š f b f N, μ, Û, · B

∅-¾,đ"s,·,éŠé<Æ,Ü,½,í'g□D ("F∅<Ç) ,ì∅-¾,đ•\Ž!,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

,±,ì∅-¾,ÉŠ,,è“-,Ä,é-¼'O,ðŽw'è,μ,Û,·∅B-¼'O,ðŠ,,è“-,Ä,é,Æ∅AŽ©•ª,ìRf“fsf...∅[f^,ì\ftfgfEjFfA,Å∅∅-¾,ª^ê—•\Žì,³,è,é,Æ,«,É-Ú“ì,ì∅-¾,ðCE©,Ä,¯,â,.,,É,è,Û,·∅B

∅<sup>-3/4</sup>,<sup>a</sup>—LCE∅,Å, ,é,©,Ç,κ,©□A,¨,æ,Ñ∅<sup>-3/4</sup>,<sup>a</sup>□M—Š,Å,«,é∅<sup>-3/4</sup>,Æ,μ,Ä'ı'đ,<sup>3</sup>ê,Ä,ç,é,©,Ç,κ,©,<sup>a</sup>•\  
Ž,<sup>3</sup>ê,Ü,•□B

,±,ì∅-¾,ì—p“r,ª•\Ž!,³,ê,Û,·□B,½,Æ,¡,î□A∅-¾,í□A“dŽqf□□[f<,ì’—Žó□M□AWeb  
fTfCf g□î•ñ□A,Û,½,íNfÆfWfbfg f□□[fh□î•ñ,È,Ç,ÉŽg,í,ê,Û,·□B

∅-¾,lf`fF[f",a∅-¾,i"□sCE³ ("F∅<Ç) ,Ü,Å,³,©,ì,Ú,Á,Ä•\Ži,³,ê,Ü,·□Bf`fF[f",đ•\  
Ži,·,é,Æ□Af`fF[f",ÉŠÜ,Ü,ê,é∅-¾,i,ç,,ê,©□A,Ü,½,í,±,ì∅-¾Ž©'ì,ÉŠî,Ã,ç,Ä□A□M—Š,Å,«,é,©,Ç,κ  
,©,đ"»'f,μ,â,·,,É,è,Ü,·□B



∅-¾, ð`fF[f“, Å'í'ð, µ, ½∅-¾, ð•\Ží, ð, ê, Ü, ·∅B

∅-¾, ì" sE³, É"K—p, ³, ê, Ä, ç, éM—Š, ðfÇfxf<, ð, ±, ì∅-¾, É"K—p, ·, é, æ, ¼, É, µ, Ü, ·B

"sCE³, ìØ-¾, ðM-Š, :é, ©, Ç, ɣ, ©, É, ©, ©, í, ç, , A, ±, ìØ-¾, ðM-Š, :é, æ, ɣ, É, μ, Ü, :B

"sCE³, ìØ-¾, ðM—Š, :é, ©, Ç, ɣ, ©, É, ©, ©, í, ç, , A, ±, ìØ-¾, ðM—Š, μ, È, ç, æ, ɣ, É, μ, Ü, :B

,±,ì∅-¾,ÉŠÖ,,éÚ×,đŠÜ,pftfB[f<fh,ì^ê—,ª•Ž!,³,ê,Ü,.B

[ftfB[][f<fh] f{fbfNfX,Å'!ø,μ,½ftfB[][f<fh,ÉŠÖ,·,éÚ×,ª•\Ž!,³,ê,Û,·B

fŠf“fN,đf|fCf“fg,μ,½,Æ,«,É□AŽw’è,μ,½□F,ÅfŠf“fN,đ•\Ž!,·,é,æ,κ,É,μ,Ü,·□B

fAfNfZfXCE ,dŠm" F, ,éf\_fCfAf□fO f{fbfNfX,đ•\Ž!,<sup>1</sup>, ,É Java fAfvfCEfbfg,đŽÀ□s,Ā,« ,é,æ,π,É, ,éfZfLf...  
fŠfefB fCEfxf<,đŽw'è,μ,Ü,·□B^ê"Ê,É□AJava fAfvfCEfbfg,Ā,í□Afrf"fsf...  
□[f^□ã,íftf@fCf<□AftfHf<f\_□A, ",æ,Ńfifbfgf□□[fN□Ú'±,É'í,μ,Ā□A"Á'è,ífCEfxf<,lfAfNfZfX,<sup>a</sup>—  
v<□,<sup>3</sup>,ê,Ü,·□BŽw'è,μ,½fCEfxf<,æ,è□§CEĀ,ì□,È,čfAfNfZfX,đ—v<□, ,é Java  
fAfvfCEfbfg,ì□ê□±,í□A,» ,lfAfvfCEfbfg,É'í,μ,Ā,æ,è□§CEĀ,ì□,È,čfAfNfZfXCE ,đ<-‰oĀ, ,é,©,Ç,π  
,©,đŠm" F, ,éf\_fCfAf□fO f{fbfNfX,<sup>a</sup>•\Ž!,<sup>3</sup>,ê,Ü,·□BŽŸ,ì,č, , ,é,©,đ'l,Ń,Ü,·□B  
Java fAfvfCEfbfg, ©,ç—v<□,<sup>3</sup>,ê,éfAfNfZfX,ìŽí—b,đCEĀ•Ê,É□Ÿ'è, ,é,É,í□A[fjfxf^f€] ,đfNfŠfbfN,μ,Ü,·□B  
Java fAfvfCEfbfg, ©,ç—v<□,<sup>3</sup>,ê,½,Æ,« ,É,æ,è□§CEĀ,ì□,È,čfAfNfZfXCE ,đ<-‰oĀ, ,é,É,í□A[^À'S□« - 'á]  
,đfNfŠfbfN,μ,Ü,·□B  
Java fAfvfCEfbfg, ©,ç—v<□,<sup>3</sup>,ê,½,Æ,« ,É'É□í,Ç, ",è,ì□§CEĀ,lfAfNfZfXCE ,đ<-‰oĀ, ,é,É,í□A[^À'S□« - 't]  
,đfNfŠfbfN,μ,Ü,·□B  
Java fAfvfCEfbfg, ©,ç—v<□,<sup>3</sup>,ê,½,Æ,« ,É,æ,è□§CEĀ,ì½,čfAfNfZfXCE ,đ<-‰oĀ, ,é,É,í□A[^À'S□« - □,]  
,đfNfŠfbfN,μ,Ü,·□B  
Java fAfvfCEfbfg,<sup>a</sup>fRf"fsf...□[f^□ã,ĀŽÀ□s,<sup>3</sup>,ê,È,č,æ,π,É, ,é,É,í□A[Java ,đ-<sup>3</sup>CEø,É, ,é] ,đfNfŠfbfN,μ,Ü,·□B



, .éfy[]fW, ©, ç•Ê. \fy[]fW, É^Ú“ ©, ;, é, Æ, «, É[]ACE»[]Ý, \fy[]fW, ðftfF[]fhfAfeFg, μ[]AZÿ, \fy[]fW, ÉftfF[]fhfCf“,  
·, é, æ, x, É, μ, Û, ·[]B

fj[fW,ÉŠÜ,Ü,ê,éfŠf“fN,É,Ç,ì,æ,κ,É%°ü,ð^ø,,©,ðŽw’è,μ,Û,·□BŽŸ,ì□Ý’è,ì,ç,,é,©,ð’l,Ñ,Û,·□B  
·,·,×,Ä,ìfŠf“fN,É%°ü,ð^ø,,æ,κ,É,·,é,É,í□A[□í,É•t,¯,é] ,ðfNfŠfbfN,μ,Û,·□B  
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fŠf“fN,ì□ã,Éf}fEfX fjfCf“f^,ð’u,ç,½,Æ,« ,É%°ü,ð^ø,,æ,κ,É,·,é,É,í□A[fjCf“fg,μ,½,Æ,«]  
·ðfNfŠfbfN,μ,Û,·□B

,±,ìf]□[f“,ìfZfLf...fŠfefB fœfxf<,ð•W□€,ì□Ý’è,É-ß,·,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

,» ,ê,¼,ê,ìfìfvfVf#f“ ,ìjXf^f€Ý'è,ðAŽw'è,μ,½fZfLf...fŠfefB fÇfxf<,ì•W€Ý'è,É-  
β,·,Æ,«,ÉfNfŠfbfN,μ,Ü,·B,±,è,É,æ,èA, A'tA,Ü,½,í'á,ìfZfLf...fŠfefB fÇfxf<,ì•W€Ý'è,ÉC³,ð  
%Á,!,Ä,©,çA,±,ìfZfLf...fŠfefB f]f“,É“K—p,·,é,±,Æ,ª,Å,«,Ü,·B

□î•ñ,ð—v<□,μ,Ä,ç,é Web fTfCfg,ì-¼'O,Æ URL ,ª•\Ži,³,ê,Û,·□B

Web fTfCf g, 3fvf@ftf@fCf< fAfVfXf^f“fg, É'í, μ, Ä—v<□, μ, Ä, ç, é□î•ñ, 3•\Ží, 3, ê, Ü, ·□B, Ü, ½□A'ñ<ÿ, ·, é□€-  
Ú, ð'í'ð, ·, é, ½, ß, í` fFfbfN f{fbfNfX, 3•\Ží, 3, ê, Ü, ·□B

'ñ<ÿ, : é□î•ñ, ì Web fTfCfg, Å, ìŽg—p-Ú“l, a•\Žl, ³, ê, Û, ·□B

□î•ñ,đ—v<□,μ,Ä,ç,é Web fTfCfg,ì□Ø-¾,đ•\Ž!,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·□B



'ñ<ÿ, : éî• ñ, ðfCf“f^[]flfbfg, ðEo—R, µ, Ä'—[]M, , é, Æ, «, É[]A• ÛEì, ³, ê, é, æ, α, É, µ, Û, ·[]B

,±,ì Web fTfCfg,âfTfCfg“à,lfy[]fW,©,ç[]î•ñ,ª—v<[],³,ê,½,Æ,«,É[]AŠm”F,lf\_fCfAf[]fO f{fbfNfX,ð•\  
Ž,¹,„,É[]î•ñ,ðŽ©“®“l,É’—[]M,·,é,æ,α,É,μ,Û,·[]B

fXfNfŠfvfg ffofbfK, ³fCf" fXfg [f, ³, ê, Ä, ç, é, ê, ð, É, A fXfNfŠfvfg ffofbfK, ð-³Eø, É, ·, é, æ, ¼, É, µ, Û, ·, B

Œ»Ÿ•\Ź!,μ,Ä,ç,é Web fTfCfg,ìV,μ,ç^À'S,ÈØ-¾,đŽó,~“ü,êAŽg—p,·,é,æ,κ,É,μ,Û,·B

Œ»Ÿ•\Ž!,μ,Ä,ç,é Web fTfCfç,ìV,μ,ç^À'S,ÈØ-¾,đŽó,-“ü,ê,é,æ,æ,É,μ,Ü,·B,½,¾,μAŽó,-“ü,ê,½Ø-¾,íŽg—p,¾,ê,Ü,¹,ñB

Œ»Ÿ•\Ź!,μ,Ä,ç,é Web fTfCfg,ìŸV,μ,ç^À'S,ÈŸØ-¾,đŽó,~“ü,ê,ŸAŽg—ρ,μ,È,ç,æ,κ,É,μ,Û,·ŸB

[Downloaded Program Files] ftfHf<f\_đ•\Ž!, : ,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□BfRf“fsf...□[f^,Éf\_fEf“f□□[fh,<sup>3</sup>,ê,<sup>1</sup>/<sub>2</sub>  
ActiveX fRf“fgf□□[f<,ª•\Ž!,<sup>3</sup>,ê,Ü,·□B

Downloaded Program Files ,ifvf\fpfefB,lf\_fCfA\fo f{fbfNfX bug 48579, 49989



fRf“fgf□□[f<,lŽí—p,ª•\Ž!,³,ê,Ü,·□BŽí—p,ªfVf#□[fgfjfbfg,ì□ê□#,í□ACE³,lfRf“fgf□□[f<,Å,í,È,-  
□AfVf#□[fgfjfbfg,ÉŠÖ,·,é□î•ň,ª•\Ž!,³,ê,Ü,·□B

fRf“fgf□□[f<,²□ì□¬,³,ê,½“úŽž,²•\Ž!,³,ê,Ü,·□B

fRf“fgf□□lf<,ª□ÅĈã,ÉfAfNfZfX,³,ê,½“ú•t,ª•\Ž|,³,ê,Ü,·□B

fRf“fgf□□[f<,jTfCfY,a•\Ž!,³,ê,Ü,·□B

fRf“fgf□□[f<,lfNf%ofX ID (CLSID) ,ª•\Ž!,ª,ê,Û,·□BHTML fhflf...f□f“fg,ì Object f^fO,É<L□q,ª,ê,Ä,ç,é ID  
,Æ“~,¶,à,ì,Ä,·□B

fRf“fgf[]f<,³fCf“fXfg[]f<,³,ê,Ä,ç,é,©[]A%ó,ê,Ä,ç,é,©[]A,Ü,½,Í[]œŠO,³,ê,Ä,ç,é,©,³•Ž!,³,ê,Ü,·[]B  
%ó,ê,Ä,ç,é[]ó’Ö,Æ,Í[]AŠÖ~A,·,éftf@fCf<,³í[]œ,³,ê,Ä,ç,é,±,Æ,ðŽ!,μ,Ü,·[]B[]œŠO,³,ê,Ä,ç  
,é[]ó’Ö,Æ,Í[]A fRf“fgf[]f<,ðfCf“fXfg[]f<,μ,½fvf[]fOj%of€,É,æ,è[]A,Ü,©,ì[]ê[]Š,É OCX  
ftf@fCf<,³“o~^,³,ê,Ä,ç,é,±,Æ,ðŽ!,μ,Ü,·[]B

fRf“fgf□□[f<,lfEf“f□□[fh€³,ì URL ,ª•\Ž!,³,ê,Ü,·□B

fRf“fgf□□[f<,đŽÀ□s,·,é,½,ß,É•K—v,Èftf@fCf<,ì^ê—,ª•\Žì,³,ê,Ü,·□B•\Žì,³,ê,Ä,č,éftf@fCf<,ÍRf“fsf...  
□[f^,É•Ù‘¶,³,ê,Ä,č,Ü,·□B



fRf“fgf□□[f<,đŽÀ□s,·,é,½,ß,É•K—v,È Java fpfbfP□[fW,ì^è—,ª•\Žì,³,è,Ü,·□B•\  
Žì,³,è,éfpfbfP□[fW,ífRf“fsf...□[f^,É•Ü‘¶,³,è,Ä,ϕ,Ü,·□B

fRf“fgf□□[f<,lfo□[fWf+f“□i•ň,ā•\Ži,³,é,Ü,·□B

fRf“fgf□□[f<,ì□à-¾,ª•\Ž,³,ê,Û,·□B

fRf“fgf□□[f<,l%oiŽĐ-¼,ª•\Žl,³,ê,Û,·□B

fRf“fgf□□[f<,lCE¾CEêfo□[fWf#f“,ª•\Žl,³,ê,Ü,·□B

fRf“fgf□□[f<,l’~□ì€ ,ì□i•ň,â•\Ži,³,ê,Ü,·□B

**Bug 49994 fC“fgf%ooflfbfg fl[]f“**

Œ»Ÿ•\Ž!,³,ê,Ä,ç,éf]Ÿ[f“,É Web fTfCfg,đ'Ç%Á,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·ŸB



ſvfXfef€ŠÇ—□ŽÖ,ªf□□[fjf< fTfCfg (fCf“fgf%oflfbfg) ,Æ,µ,ĂŽw'è,µ,½,·,×,Ă,lfTfCfg,ª,±  
,lf]□[f“,ÉŠÜ,Ü,ê,é,æ,ɾ,É,µ,Ü,·□B

fvf□fLjV fT□[fo□[,đŽg,í,,É□Ú'±,·,é,æ,κ,ÉŽw'è,³,è,Ä,ç,é,·,×,Ä,]fTfCfg,ª,±,]f]□[f" ,ÉŠÜ,Ü,è,é,æ,κ  
,É,μ,Ü,·□BfTfCfg,ì^ê—,đ•\Ž!,·,é,É,í□A[•\Ž!} f□fjf...□[.ì [fCf"f^□[flfbfg flfvjVf#f" ] ,đfNfŠfbfN,μ□A[□Ú'±]  
f^fu,đfNfŠfbfN,μ,Ü,·□BŽŸ,É□A[□Ú□×] ,đfNfŠfbfN,μ,Ü,·□B

fjfbfgf[]fN fpfX[]ã, ì, ·, ×, Ä, ìfTfCfg,ª, ±, ìf][]f“, ÉŠÜ, Ü, ê, é, æ, ɣ, É, μ, Û, ·[]B

**Bug 50005:** [0-3/4<@ŠÖ] f\_CfAfO f{fbfNfX [fCf“f^[flfbfg flfvfVf#f”] - [fRf“fef“fc] f^fu -  
[<@ŠÖ]

∅-¾, ěí-p, î^ê—, a•\Ž!, ³, ê, Ü, ·□B["□sĚ³, ěí-p] f{fbfNfX, î^ê—, Å"□sĚ³, ěí-p, ōfNfŠfbfN, μ, Ü, ·□B

Java ,ìŸ'è,đ•ĩ,ı,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·B

Œ»Ÿ•\Ž!,μ,Ä,ç,éf`fff`flf<,ðw“Ç,: ,é,æ,κ,É,μ,Ü,·Bf`fff`flf<,ªXV,³,ê,é,Æ'É'm,³,êAf`fff`flf<  
fvf[]ofCf\_,lfXfPfwf...[]f<A,Ü,½,ÍŽw'è,μ,½fXfPfwf...[]f<,É[],Á,ĂŽ©“®“l,Éfy[]fw,ªf\_fEf“f[]fh,³,ê,Ü,·B

Œ»Ÿ•Ž!,μ,Ä,ϕ,é Web fTfCfg,δ,¨<C,É“ü,è,É’Ç%oÁ,μ,Ü,·□B,½,¾,μ□AWeb  
fTfCfg,ÿy□[fW,ª□X□V,³,ê,Ä,à‘É’m,³,ê,½,è□A□X□V,³,ê,½fy□[fW,ªf\_Ef“f□□[fh,³,ê,½,è,μ,È,ϕ,æ,π,É,μ,Ü,·□B  
Web fTfCfg,É^Ú“©,μ,½,Æ,«,É□Afc□[f< fo□[,ì [□X□V] f{f^f“,ðfNfŠfbfN,μ,Ä□Å□V,ÿy□[fW,ð•Ž!,·,é,±  
,Æ,ª,Ä,«,Ü,·□B



Œ»Ÿ•Ž!,μ,Ä,ç,é Web fTfCfg,ìXV,ðfXfPfwf...[f<,É]  
,Á,ÄŽ©“@“l,ÉŠm“F,μAfrf“fef“fc,<sup>a</sup>XV,<sup>3</sup>,ê,é,Æ'É'm,<sup>3</sup>,ê,é,æ,α,É,μ,Û,·B  
Web fTfCfg,É^Ú“@,μ,½,Æ,«,ÉAfc[f< fo[l,ì [XV] f{f^f“,ðfNfŠfbfN,μ,ÄÅV,ÿy[fW,ð•Ž!,·,é,±  
,Æ,<sup>a</sup>,Ä,«,Û,·B

Œ»Ÿ•Ž!,μ,Ä,ç,éf`fff`flf<,ðf`fff`flf< fo[],É'Ç%oÁ,μ,Û,·□B,½,¾,μ□Af`fff`flf<,ì"à—  
e,<sup>a</sup>□X□V,<sup>3</sup>,ê,Ä,à'Ê'm,<sup>3</sup>,ê,½,è□A□X□V,<sup>3</sup>,ê,½fRf"fef"fc,af\_fEf"f□□[fh,<sup>3</sup>,ê,½,è,μ,È,ç,æ,κ,É,μ,Û,·□B  
f`fff`flf<,ð•Ž!,μ,Ä,ç,é,Æ,«,É□Afc□[f< fo[],ì [□X□V] f{f^f",ðfNfŠfbfN,μ,Ä□Å□V,ìfRf"fef"fc,ð•Ž!,·,é,±  
,Æ,<sup>a</sup>,Ä,«,Û,·□B

Œ»Ÿ•Ž!,μ,Ä,ç,éf`fff"flf<,ìX[V,ðfXfPfwf...[f<,É[]  
,Á,ÄŽ©"®"l,ÉŠm"F,μAfrf"fef"fc,<sup>a</sup>X[V,<sup>3</sup>,ê,é,Æ'É'm,<sup>3</sup>,ê,é,æ,α,É,μ,Û,·[]B  
f`fff"flf<,ð•Ž!,μ,Ä,ç,é,Æ,«,ÉAfc[]f< fo[].ì [X[V] f{f^f",ðfNfŠfbfN,μ,ÄÅ[V,ìfrf"fef"fc,ð•Ž!,·,é,±  
,Æ,<sup>a</sup>,Ä,«,Û,·[]B

ftfCfg,Ü,½,íf`fff“flf<,ìfRf“fef“fc,ìX□V,ìÊ‘m□AŠm”F,ìfXfPfwf...  
□[f<□A,Ü,½,íf\_fEf“f□□[fh,ì□Ý’è,ð•ì,ì,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·□B

,±,lf]l" ,ÉŠÜ,Ü,è,é\ftfgfEjFfA f`fff"flf<,É"Ý'è,.,ézfLf...fŠfefB fCefxf<,ðŽw'è,μ,Ü,·□BŽŸ,ì,ç,.,è,©,lfzflf...  
fŠfefB fCefxf<,ð'ì,Ñ,Ü,·□B

Šm"F,lf]fbfz□[fW,ð•\Ž! , , ,É□A\ftfgfEjFfA f`fff"flf<,©,çvf□fOf%of€  
,Ž©"@"ì,Éf\_fEf"f□□[fh,Ü,½,lfCf"fXfg□[f< ,³,è,é,æ,κ,É,·,é,É,í□A[^À'S□« - 'á] ,ðfNfŠfbfN,μ,Ü,·□B

Šm"F,lf]fbfz□[fW,ð•\Ž! , , ,É□A\ftfgfEjFfA f`fff"flf<,©,çvf□fOf%of€,Ž©"@"ì,Éf\_fEf"f□□[fh,³,è,é,æ,κ  
,É,μ□AŽ©"@"ì,ÉfCf"fXfg□[f< ,³,è,é,±,Æ,í,É,ç,æ,κ,É,·,é,É,í□A[^À'S□« - '†] ,ðfNfŠfbfN,μ,Ü,·□B

'È'm,¾, , ,ðŽó, , ,é,æ,κ,É,μ□Afvf□fOf%of€,Ž©"@"ì,Éf\_fEf"f□□[fh,Ü,½,lfCf"fXfg□[f< ,³,è,É,ç,æ,κ  
,É,·,é,É,í□A[^À'S□« - □,] ,ðfNfŠfbfN,μ,Ü,·□B

fT[fO[,ÉfOfif“ ,.é•K—v,<sup>a</sup>, ,ééé#ÉAfOfif“,ì•û-@,đŽw’è,μ,Û,·BfCf“fgf  
%oflfbfg,ìfT[fO[,Û,½,ífCf“f^[]lfbfg,ì^è•”,ìfT[fO[,ÉfOfif“ ,.é,Æ,«,ÉA“Á’è,ìft[fU[ ^ÈŠO,ìfAfNfZfX,  
đ\$CEÀ,.,é,½,ßAf+f[U[-¼,ÆfpfXf[]fh,<sup>a</sup>•K—v,É,È,é,±,Æ,<sup>a</sup>, ,è,Û,·B,±,ìf[]f“,ì Web fTfCfG,É“K—  
p,.,éfOfif“,ì•û-@,đŽw’è,μ,Û,·BŽŸ,ì,ç,.,é,©,ì•û-@,đ’l,Ñ,Û,·B  
fOfif“î•ñ,đ—M,<sup>1</sup>,.,ÉfT[fO[,ÉÚ’±,.,é,É,íA[“½-¼fOfif“] ,đNfŠfbfN,μ,Û,·B  
fOfif“î•ñ,đ—v<[],<sup>3</sup>,è,½,Æ,«,ÉAf+f[U[-¼,ÆfpfXf[]fh,đ“ü—í,μ,ÄfT[fO[,ÉÚ’±,.,é,É,íA[f+f[U[-  
¼,ÆfpfXf[]fh,đ“ü—í,μ,ÄfOfif“] ,đNfŠfbfN,μ,Û,·B  
CE»Ý’è,<sup>3</sup>,è,Ä,ç,é Windows ,ìft[fU[-¼,ÆfpfXf[]fh,đŽg,Á,ÄfT[fO[,ÉÚ’±  
.,é,É,íA[CE»Ý,ìft[fU[-¼,ÆfpfXf[]fh,ÄŽ©“®“l,ÉfOfif“] ,đNfŠfbfN,μ,Û,·B

fRf“fgf□□[f<,l-¼‘O,³•\Ž!,³,ê,Û,□B

fvf[]ftj@fCf< fAfVfXf^f“fg,ì[]•ñ,É[]AŠm”F,ìf[]bfz[]lfW,đ•\Ž!,<sup>1</sup>,,ÉfAfNfZfX,Å,«,é,æ,α,É[]Ý’è,<sup>3</sup>,è,Ä,ç  
,éfTfCfg,ì^è—,đ[]í[]œ,·,é,Æ,«,ÉfNfŠfbfN,μ,Û,·[]B



Web fTfCfgr, ©, çvfñftf@fCf< fAfVfXf^f“fg, ìñ•ñ, ð—v<ñ, ³, è, ½, Æ, «, É□Añ•ñ, ð'ñ<ÿ, ·, é, æ, æ, É, µ, Ü, ·□B, ±, ìf`fFfbfN f{fbfNfX, ðfift, É, È, Á, Ä, ç, é□éñ, í□Añ•ñ, í'ñ<ÿ, ³, è, , □Añ•ñ, ì'ñ<ÿ, ð<ñ, ß, éfñfbfZ□[fW, à•\ Ž, ³, è, Ü, ¹, ñ□B

, ±, ìf`fFfbfN f{fbfNfX, ðfif“ , É, È, Á, Ä, ç, é□éñ, í□AWeb fTfCfgr, ©, çvfñftf@fCf< fAfVfXf^f“fg, ìñ•ñ, ð—v<ñ, ³, è, ½, Æ, «, É□A, Ç, ìñ•ñ, ð<æ—L, ·, é, ©, ð'í'ð, ·, é, ½, ß, ìfñfbfZ□[fW, ð•\Ž, ³, è, Ü, ·□B, ±, ì□éñ, í□A□; CEã, ±, ì Web fTfCfgr, Á'í'ð, µ, ½ñ•ñ, ð<æ—L, ³, è, é, Æ, «, É□AñfbfZ□[fW, ð•\Ž, ³, è, È, ç, æ, æ, É, ·, é, ±, Æ, à, Å, «, Ü, ·□B

Internet Explorer ,ì<N“®Žž,Éfy[]fW,đ‘S%œ-Ê•\Ž!,·,é,æ,æ,É,μ,Û,·□B

Web fTfCfg,ÅftfH[]f€,đŽg,Á,Äi•ñ,đ'—M,·,éê±A'—Mæ,³ftfH[]f€  
,ì•Û'¶êŠ,Æ,í^ù,È,é,Æ,«,ÉACEx[],ª•\Ži,³,ê,é,æ,π,É,μ,Û,·B

f c [ f < f o [ , É [ f t f H f " f g ] f { f ^ f " , ð • \ Ž ! , , é , æ , x , É , μ , Û , · □ B

Internet Explorer ,lfVf#[]fgfjfbfg fAfCfRf“,đffXfNfgfbfv,É•\Ž|,·,é,æ,π,É,μ,Û,·□B,±  
,ìŸ'è,đ•İ□X,μ,½□é□‡,í□AfRf“fsf...□[f^,đ□Ä<N“®,·,é•K—v,<sup>a</sup>, ,è,Û,·□B

fRf“fsf...[]f^,ìkN“®Žž,É Internet Explorer ,ìkN“®%œ-Ê,đ•\Ž|,·,é,æ,π,É,μ,Û,·[]B

ffXfNfgfbfv, ©, çf` fff` flf<, đŠ, ç, ½, Æ, «, É Af` fff` flf<, ì Web fy[]fW, đ'S%œ-Ê, Å•Ž!, ·, é, æ, x, É, μ, Û, · B

fuf%ofEfU,đ•Â,¶,½,Æ,«,É□AfCf“f^□[f|fbfg^êŽžftf@fCf<,đ•Û‘¶,·,éftfHf<f\_,”à—e,đ□í□œ,·,é,æ,κ,É,μ,Û,·□B



Žw'è,μ,½ .pfx ftj@fCf<,ÉŠÜ,Ü,ê,Ä,ç,é∅<sup>-3/4</sup>,ÆfL∅[,ðfCf“f|∅[fg,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·∅B

'l'đ,μ,½∅-¾,đftf@fCf<,ÉfGfNfXf|∅[fg,·,é,Æ,«,ÉfNfŠfbfN,μ,Ü,·∅B'É∅í∅A∅∅-¾,ìftf@fCf<,É,í .pub ,Æ,ç  
,xŠg'£Žq,<sup>a</sup>•t,«,Ü,·∅B' l'đ,μ,½∅-¾∅A∅∅-¾,ì`fF∅[f“ (∅∅-¾,ìŠK'w∅\`ç)∅A,“,æ,ÑŠÖ~A•t,·,ç,ê,Ä,ç  
,éfL∅[,<sup>a</sup>Žw'è,μ,½∅ê∅Š,ìftf@fCf<,ÉfGfNfXf|∅[fg,<sup>3</sup>,ê,Ü,·∅Bftf@fCf<,É,í .pub ,Æ,ç,xŠg'£Žq,<sup>a</sup>•t,«,Ü,·∅B

fvf[]fLfv fT[]fo[],đEo—R,μ,Ä Web fTfCfg,ÉÚ'±,·,é,Æ,«,É HTTP 1.1 ,đŽg,α,æ,α,É,μ,Ü,·B'½,,ì Web  
fTfCfg,Å,Í,Ü,¾ HTTP 1.0 ,žg,í,é,Ä,č,é,½,βAÚ'±,Å,«,È,č Web fTfCfg,ª, ,éê[]#,íA,±,ìf`fFbfN  
f{fbfNfX,đfift,É,μ,Ä,,¾,³,čB

Web fTfCfg,ÉÚ'±,·,é,Æ,«,É HTTP 1.1 ,đŽg,α,æ,α,É,μ,Û,·B'½,,ì Web fTfCfg,Å,í,Û,¾ HTTP 1.0  
,<sup>a</sup>Žg,í,ê,Ä,ç,é,½,βAÚ'±,Å,«,È,ç Web fTfCfg,<sup>a</sup>, ,éêç,íA,±,ìf`fFbfN f{fbfNfX,đfift,É,μ,Ä,,¾,¾,çB

[%œ'œ,ì\Ž! ] f`fFbfN f{fbfNfX, ðift,É,È,Á,Ä,ç,éê#AfCf[fW,ì'ä,í,è,É•\Ž!,·,é•¶Žš—  
ñ,É#í,¹,ÄfCf[fW,ìTfCfY,ðŠg'â,·,é,æ,κ,É,μ,Û,·B

ftfH[]ffX,^Ú“® ,μ,½,èA•Ê,ì€-Ú,ð‘l’ð,μ,½,è,μ,½,Æ,«,ÉfVfXfef€ fJfCFfbfg,ð^Ú“® ,; ,é,æ,α,É,μ,Û,·B  
%œ-Ê,ìî•ñ,ð“Ç,Ýã,°,½,èA%œ-Ê,ðŠg‘â,μ,½,è,·,éft[]fU[][•â[]•<@“\,Å,íA-  
Ú“l,ìêŠ,ðŽw’è,·,é,½,β,ÉfVfXfef€ fJfCFfbfg,Žg,í,ê,Û,·B

Active Desktop ,đ-³Ĉø,É,μ,Ä,ç,é,Æ,«,Å,à□AfRf“fsf...□[f^,ì<N“@Žž,Éf`fff“flf< fo□[.đffXfNfgfbfv,É•\  
Ž|,·,é,æ,α,É,μ,Û,·□B

Java fRf“f\[]f<,đŽg,ꝛ,æ,ꝛ,É,μ,Û,·[]B,±,ì[]Ý’è,đ•í[]X,μ,½[]ê[]‡,í[]A[]f[]R[]f“[]f[]s[]f...[]f[]^,đ[]Ä<N“®,,é•K—  
v,<sup>a</sup>, ,è,Û,·[]B



