

[DHCP f}fI[fWff,ìI—¹]

DHCP f}fI[fWff,ðI—¹,µ,Ü,·B

[fAfNfefBfu%»] ,Æ ["ñfAfNfefBfu%»]

[fAfNfefBfu%»] ,í□A'í'ð,μ,½fXfR□[fv,É'í,·,éfŠ□[fX,ì"z•z,ðŠjŽn,μ,Ü,·□B["ñfAfNfefBfu%»]
,í□A'í'ð,μ,½fXfR□[fv,É'í,·,éfŠ□[fX,ìžæ,è□Á,μ,ðŠjŽn,μ,Ü,·□BDHCP fNf%ofCfAf"fg,³fXfR□[fv,ð—~—
p,Å,«,é,æ,π,É,·,é,É,í□A,»],fXfR□[fv,ðfAfNfefBfu
%»»,μ,È,·,é,í,È,è,Ü,¹,ñ□B,½,¾,μ□AfXfR□[fv,lflfvfVf+f",ì□'è,ðŠ@—¹,·,é,Ü,Å,í□AfXfR□[fv,ðfAfNfefBfu
%»»,μ,È,ç,Ä,¾,³,ç□B

fXfR□[fv,ðí□œ,·,é,É,í□A,»],fXfR□[fv,ð"ñfAfNfefBfu%»»,μ,È,·,é,í,È,è,Ü,¹,ñ□BfXfR□[fv,ð"ñfAfNfefBfu
%»»,·,é,Æ□A,»],fXfR□[fv,ðžg,Á,Ä,ç,é DHCP fNf%ofCfAf"fg,³AfTfufIbfq□ä,ì,Ü,©,lfXfR□[fv,ì IP
fAfhfCEfX,ðžæ"¾,·,é,½,ß,ÉfŠ□[fX,ð'T,·,±,Æ,³%»Å"\,É,È,è,Ü,·□B,±,ì'€□i,ð□s,í,È,ç,Æ□ADHCP fNf
%ofCfAf"fg,ífŠ□[fX,ðž,·,ç,Ü,·□B

"ñfAfNfefBfu%»»,³,é,½fXfR□[fv,ì DHCP fNf%ofCfAf"fg,³□V,½,ÉfŠ□[fX,Ö,ì□',«Š·,ì,ð—v<□,·,é,Æ□ADHCP
fT□[fo□[í,í□ADHCP fNf%ofCfAf"fg,É'Ù'è%»ž"š (NACK□F negative acknowledgment) ,ð'—,è,Ü,·□BDHCP
fNf%ofCfAf"fg,í□A'Ù'è%»ž"š,ðžó,·žæ,é,Æ□%»Sú%»□ó'Ö,É-
ß,è□AfTfufIbfq□ä,ì,Ü,©,lfAfNfefBfu,ÉfXfR□[fv,©,ç□V,μ,ç IP fAfhfCEfX,ífŠ□[fX,ðžæ"¾,μ,æ,π,Æ,μ,Ü,·□B

□d—v

- fXfR□[fv,ð"ñfAfNfefBfu%»»,·,é,Æ,«,í□A,»],í'ä,í,è,Æ,È,éfXfR□[fv,³fTfufIbfq□ä,ÅfAfNfefBfu,É,È,Á,Ä,ç,È,·,é,í,È,è,Ü,¹,ñ□B'ä,í,è,Æ,È,éfXfR□[fv,í□A'·,¶fTfufIbfq□ä,É,·,é,í□A"ñfAfNfefBfu%»»,·,é,é,É,È,è,Ü,¹,ñ□B DHCP fT□[fo□[□ä,É,·,Á,Ä,à,©,Ü,ç,Ü,¹,ñ□B
- fXfR□[fv,ð^èžž'âž~·,·,é,½,ß,É,í□A["ñfAfNfefBfu%»] ,ðžg,í,È,ç,Ä,¾,³,ç□B["ñfAfNfefBfu%»]
- í□AfXfR□[fv,ðí□œ,·,é,½,ß,¾,·,Éžg,ç,Ü,·□B
- fXfR□[fv,ð"ñfAfNfefBfu%»»,μ,½CEä,í□AfXfR□[fv,ífŠ□[fXžžŠÖ,ì"¼·ª,É,·,½,éžžŠÖ,³CEo %»ß,·,é'Ö,É□A<N" @,μ,Ä,ç,é,·,·,·,Ä,lfNf%ofCfAf"fg,³ DHCP fT□[fo□[□ä,ì,Ü,©,lfAfNfefBfu,ÉfXfR□[fv,ífŠ□[fX,ð'T,μžn,ß,é,æ,π,É,μ,Ä,¾,³,ç□B

fXfR[fv

- DHCP fNf%ofCfAf“fg fT[fxfX,đŽÀ□s,·,éfRf“fsf...□[f^,ìŠÇ—□fOf<□[fv,Å,·□BŠÇ—
□ŽÒ,í□Af|fbfgf□□[fN□ă,ìTfuf|fbfg,²,Æ,ÉfXfR□[fv,đ□□□¬,μ□A,»,ìTfuf|fbfg,ìpf
%of□□[f^,đ’è<` ,μ,Ü,·□BfXfR□[fv,É,í□AZÿ,ìvf□fpfefB,³, ,è,Ü,·□B
- —^,!,ç,ê,½ IP fAfhfCefX,ìTfuf|fbfg,đCE^’è,·,é,½,ß,ì^è^Ó,ìTfuf|fbfg f}fXfN□B
 - fXfR□[fv,ì□□□—Žž,ÉS,,,è”- ,Ä,ç,ê,éfXfR□[fv-¼□B
 - “®“l,ÉS,,,è”- ,Ä,ç,ê,½ IP fAfhfCefX,đŽó,~Žæ,é DHCP fNf%ofCfAf“fg,ÉS,,,è”-
,Ä,ç,ê,éfŠ□[fXŠúŠÔ,ì’l□B

[íœ]

'í, µ, ½fR[fv, ðíœ, µ, ð, ·B

DHCP fT[fO[L,É,Â,ç,Ä

DHCP (Dynamic Host Configuration Protocol) fT[fO[L,íAWindows NT ServerAMicrosoft TCP/IPA,“,æ,Ñ DHCP fT[fO[L fVtfgfEfFfA,ðŽÀs,·,éRf“fsf...[f^,Á,·BDHCP,íARFC (Request for Comments) 1533A1534A1541A,“,æ,Ñ 1542 ,É'è'ç,è,Ä,ç,Ü,·Bfjfbfgf[fN,É DHCP fT[fO[L,ðW^,·,é,ÆAZÿ,ì,æ,æ,È—“_“¾,ç,è,Ü,·B

- ffbfgf[fNŠÇ—ŽÒ,íAfcf“f^[fbfgf[fN'S'í,É'í,µAfof[fofç,È TCP/IP fpf %of[f^,ÆfTufjfbfgcEÁ—L,ì TCP/IP fpf%of[f^,ðW^+“l,ÉŽw'è,µ,½,èA—\-ñfAfhfçfX,ðŽg,æfNf %ofCfAf“fg,ìfpf%of[f^,ð'è'ç,µ,½,è,Ä,«,Ü,·B
- fNf%ofCfAf“fg fRf“fsf...[f^,íATCP/IP ,ðŽè“@,ÁW^,·,é•K—v,ª,è,Ü,¹,ñBfNf%ofCfAf“fg fRf“fsf... [f^,æfTufjfbfgSÔ,ð^U“@,µ,½,è,è,íAfcf“fsf...[f^,ìN“@Žž,ÉŽ“@“l,É TCP/IP ,íAW^,ªs,í,è,Ü,·B

d—v

- •j“ ,ìç[f^ [,É,Ü,½,ª,éTufjfbfg,ðTfj[f^g,·,é,½,ß,É DHCP fT[fO[L,ðŽg,æè,í,íAfc[f^ [,ìftf@[fçfEfFfA,ìfAfbvfOfç[fh,ª•K—v,É,È,é,±,Æ,ª,è,Ü,·Bfç[f^ [,í RFC 1533A1534A1541A,“,æ,Ñ 1542 ,ðTfj[f^g,µ,Á,ç,é,à,ì,Ä,È,·,é,í,È,è,Ü,¹,ñBDHCP fŠfç[f^g[fWfFf“fg,ìTfj[f^g,É,Ä,ç,Ä,íAfc[f^ [,í»'çç³,É-à,çç,í,¹,Ä,¾,¾,çBÚx,É,Ä,ç ,Ä,íARFC1542.TXT ,ðŽQçÆ,µ,Ä,¾,¾,çBRFC1542.TXT ,íAftp.internic.net:/rfc ,ç“½-¼ FTP ,É,æ,è“ùžè,Ä,«,Ü,·B

ŠÖ~Aç€-Ú

DHCP fNf%ofCfAf“fg,ÆfT[fO[L,ìŠT—v

DHCP fNf%oFCfAf“fg,ÆFT[fO[l,ÌŠT—v

DHCP ,íA fNf%oFCfAf“fg fT[fO[l f,ff<,ðì—p,μ,Ä,ç,Û,·BDHCP fT[fO[l,ð 1 ‘ä,Û,½,í;í““äÿ’è,μ,Ä,“, -
,ÆA,»,) DHCP fT[fO[l,É,æ,Á,ÄA fNf%oFCfAf“fg,É’ñ<ÿ,³,è,é TCP/IP \N—î•ñ,ª•Ûžç,³,è,Û,·BDHCP
fT[fO[l,]ff[f^fx[fX,É,íAZÿ,ìî•ñ,ªŠÛ,Û,è,Û,·B

- fCf“f^ [f]fbfgf[fN[ä,ì,·, x, Ä, ífNf%oFCfAf“fg,ð’íÛ,Æ,·,é—LCEø,ÈN—fpf%o f[f^B
- fNf%oFCfAf“fg,ÉŠ,,,è“-,Ä,é,½,ß,Éfv[f<“à,Ä•Ûžç,³,è,é—LCEø,È IP fAfhfCEfX[A,“,æ,Nžè“@Š,,,è“-,Ä
—p,ì—\—ñfAfhfCEfX[B
- fT[fO[l,É,æ,Á,Ä’ñ<ÿ,³,è,é fŠ[fX,ìšúšÖBfš[fX,íAŠ,,,è“-,Ä,ç,è,½ IP fAfhfCEfX,ðžg—
p,Ä,«,éšúšÖ,ð’è<,μ,Û,·B

Windows NT TCP/IP ,Ä [DHCP fT[fO[l, ©,ç IP fAfhfCEfX,ðžæ“¾,·,é] ,ª’l’ð,³,è,Ä,ç,ééè#AWindows NT
,ðžÄ[s,·,éRf“fsf... [f^,í DHCP fNf%oFCfAf“fg,É,È,è,Û,·BDHCP fNf%oFCfAf“fg fRf“fsf...

[f^,íA<N“@Æä,É DHCP fT[fO[l,Æ’ÈM,μA•K—v,È TCP/IP ,ìN—î•ñ,ðžó, žæ,è,Û,·B,±,ì\
—î•ñ,É,íA,È,,Æ,à IP fAfhfCEfX,ÆfTfuf]fbfg f}fXfN,ì,Û,©,ÉA\
—,ÉŠÖ~A•t,·,ç,è,½fŠ[fX,ªŠÛ,Û,è,Ä,ç,Û,·B

- f]fbfgf[fN,É DHCP fT[fO[l,ðN—,·,é,ÆAZÿ,ì,æ,x,È—~“_ ,ª“¾,ç,è,Û,·B
- f]fbfgf[fNŠÇ—žÖ,íA fCf“f^ [f]fbfgf[fN’S’ì,É’í,μA fO f[fO f<,È TCP/IP fpf
%o f[f^,ÆfTfuf]fbfgÆÄ—L,ì TCP/IP fpf%o f[f^,ðW’t“l,Éžw’è,Ä,«,Û,·B
- fNf%oFCfAf“fg fRf“fsf... [f^,íATCP/IP ,ðžè“@,ÄN—,·,é•K—v,ª, ,è,Û,¹,ñB
- fNf%oFCfAf“fg fRf“fsf... [f^,ªfTfuf]fbfgŠÖ,ð^U“@,μ,½èè#ACEÁ,ç IP fAfhfCEfX,í%ø•ú,³,è,Ä,Äžg
—p,Ä,«,é,æ,x,É,È,èA^U“@,³,è,½fNf%oFCfAf“fg fRf“fsf... [f^,í<N“@žž,Éž“@“l,É TCP/IP ,ì,½,ß,ÉA\
—,³,è,Û,·B
- ,Û,Æ,ñ,ç,ì< [f^ [,ª DHCP N—v<,ð“l’—,Ä,«,é,½,ßA fCf“f^ [f]fbfgf[fN,ìfTfuf]fbfg,²,Æ,É
DHCP fT[fO[l,ð“z’u,·,é•K—v,ª, ,è,Û,¹,ñB

fš[]fx

“®“l,ÉŠ,,,è“-,Ä,ç,ê,½ IP fAfhfCEfX,đŽg—p,Å,«,éŠúŠÔ,Å,·BDHCP fNf%oCfAf“fg,í[]Afš[]fx (‘Ý,μ[]o,μ) ,ì—
LCEøŠúCEÀ,³[]ø,è,é‘O,É DHCP fT[]fo[],Åfš[]fx,đ[]‘,«Š·,ì,È, ¯,ê,î,È,è,Ü,¹,ň[]B

DHCP f}f[]fWff,đŽg,⌘

DHCP fT[]fo[] fT[]frfX,đCf“fXfg[]f<,·,é,Æ[]ADHCP f}f[]fWff] ,ª [ŠÇ—[]fc[]f< (<⌘'É)] ,É'Ç %oÁ,³,è,Ü,·BDHCP fT[]fo[][,ìfCf“fXfg[]f<Æä,í[]ADHCP f}f[]fWff,đŽg,Á,ÄŽŸ,ìŠì-

{[]<Æ,đ[]s,í,È,·,è,í,È,è,Ü,¹,ñ[]B

- DHCP fXfR[]fv,·,æ,ÑfX[]fp[]fXfR[]fv,ì[]-[]BDHCP fT[]frfX,ì'ñ<Ÿ,đŠŽn,·,é,½,ß,É•K—v,È,·,x,Ä,ì[]<Æ,đ[]s,ç,Ü,·[]B
- fXfR[]fv,ìfv[]pfefB,ì'è<[]BfXfR[]fv“à,ì DHCP fNf%ofCfAf“fg,ÉfT[]fo[][,É,æ,Á,Ä“z•z,³,è,é IP fAfhf[]fX,ì“í^í,È,Ç,đ'è< ,µ,Ü,·[]B
- DHCP fT[]fo[][,ìfv[]pfefB,ì•Ž;[]BDHCP fT[]fo[][,ìŠ“ @f[]fo,ìŽù[]W[]A<£[]#,ìCEŸ[]o[]ABOOTP fe[]fuf<,ì[]- ,È,Ç,ìfv[]fVf#“ ,ª ,è,Ü,·[]B
- DHCP fìfv[]fVf#“ f^fCfv,ì[]-[]BfŠ[]fXŠúŠÔ,È,Ç,ì DHCP fìfv[]fVf#“ ,ìŠù'è'ì,đ'è< ,µ,½,è[]AfffXf^f€ fìfv[]fVf#“ ,đ'Ç%oÁ,µ,½,è,µ,Ü,·[]B

[]d—v

- DHCP f}f[]fWff,Á[]<Æ,·,é,Æ,«,í[]A,·,x,Ä,ìfRf“fsf...[]f^-¼,É DNS (Domain Name System[]fhf[]fCf“ f[]f€ fVfXfef€) -¼,¾,·,đŽg,ç,Ü,·[]BfRf“fsf...[]f^-¼,í[]Aaccounting.trey.com ,ì,æ,⌘ ,ÉŠ@'S,È<L[]q,µ,Á,à[]Af[][]fj< fhf[]fCf“ ,É'í,·,é'Š'í^É'u,ÄŽw'è,µ,Á,à,©,Ü,ç,Ü,¹,ñ[]B

,±,ì—á,Á< ,°,½fRf“fsf...[]f^-¼,ìè[]#,í[]ADNS fhf[]fCf“ **trey.com** “à,ìfRf“fsf...[]f^ ,©,ç,í[]A'P,É

accounting ,ÄŽQ[]Æ,Á,«,Ü,·[]BDNS fzXfg-¼,í[]A•K, ,µ,à Windows NT fìfbfgf[][]fN,ÄŽg,í,è,é

NetBIOS fRf“fsf...[]f^-¼,Æ“ ,¶,Á ,é•K—v,í ,è,Ü,¹,ñ[]B

ŠÖ~A[]€-Ü

fXfR[]fv,đ[]- ,·,é

fXfR[]fv,ìfv[]pfefB,đ•ì[]X,·,é

DHCP fìfv[]fVf#“ f^fCfv

DHCP fífVfVf#f#“

DHCP fT[fó[f,ªfNf%ofCfAf“fg,ÉŠ,,è“-,Ä,é[f^,Å,·[B

,Ù,Æ,ñ,Ç,ífífVfVf#f#“,í[ARFC 1542 ,É'è<`³,ê,Ä,ç,éfpf%of[f^,ÉŠî,Ã,ç,Ä[A, ,ç,©,¶,ß'è<`³,ê,Ä,ç,Ü,·[B

ŠÇ—ŽÒ,í[A[DHCP fífVfVf#f#“] f[fj...[.}f“fh,đ'í,ñ,ÅfífVfVf#f#“,đŠ,,è“-,Ä,Ü,·[B

BOOTP fe[]fuf<

BOOTP fe[]fuf<,É,í[]ABOOTP fNf%ofCfAf“fg,^a—v<[],·,éfu[]fg ftj@fCf< f^fCfv,ì-¼‘O,Æ,»,ìftj@fCf<-
¼[]A,¨,æ,Ñ BOOTP fNf%ofCfAf“fg,^a±,ê,ç,ìftj@fCf<,ðŽæ“¾,Å,«,éT[]fo[][-¼,^aê—,³,ê,Ä,ç,Ü,·[]B

DHCP f}f[]fWff,đ·N“@,·,é

DHCP f}f[]fWff,đ·N“@,·,é,É,Í

1 [fXf^[]fg] f{f^f“ ,đNfŠfbfN,μ[]A[fvf[]Of%of€] ,đf[Cf“fg,μ,Ü,·[]BŽŸ,É[]A[ŠÇ—[]fc[]f· (<α‘É)] ,đf[Cf“fg,μ[]A[DHCP f}f[]fWff] ,đNfŠfbfN,μ,Ü,·[]B

‘O%ñ[]Ú‘±,μ,½fT[]fo[][,ÆfXfR[]fv,ÉŽ©“@“I,É[]Ú‘±,³,é,Ü,·[]B[DHCP f}f[]fWff] fEfBf“fhfE,É,Í[]ACE>[]Ý,ìfT[]fo[][,ìfXfR[]fv,ìê—,ª·\Ž!,³,é,Ü,·[]B·É,ìfT[]fo[][,É,à[]Ú‘±,Å,«,Ü,·[]B

DHCP fT[]fo[][,É[]Ú‘±,·,é,É,Í

1 [fT[]fo[][] f[]jf...[][,ì [‘Ç%Á] ,đNfŠfbfN,μ,Ü,·[]B

2 DHCP fT[]fo[][,ì-¼‘O,Ü,½,Í IP fAhfÆfX,đ“ü—í,μ[]A[OK] ,đNfŠfbfN,μ,Ü,·[]B

‘I‘đ,μ,½ DHCP fT[]fo[][,Ö,ì[]Ú‘±,đ%đ[]œ,·,é,É,Í

▶ [fT[]fo[][] f[]jf...[][,ì [[]í[]œ] ,đNfŠfbfN,μ,Ü,·[]B

DHCP fT[fo[fT[frfX,đŠJŽn,Ü,½,Í'âŽ~,.,é

DHCP fT[fo[fT[frfX,đŠJŽn,Ü,½,Í'âŽ~,.,é,É,í

1 fRf"fgf[f< fpf[f<,ì [fT[frfX] fAfCfRf" ,đf_fuf<fNfŠfbfN,μ,Ü,·□B

2 [fT[frfX] ^ê—,ì [Microsoft DHCP Server]

,đfNfŠfbfN,μ□AŽŸ,É□A[ŠJŽn]□A[âŽ~]□A[êŽž'âŽ~]□A,Ü,½,Í [±□s] ,đfNfŠfbfN,μ,Ü,·□B

'□

▪ DHCP fT[fo[fT[frfX,ìŠJŽn,Æ'âŽ~,đ□s,α,É,í□AfRf}f"fh fvff"fvfg,Å□Anet start
dhcpserver□Anet stop dhcpserver□Anet pause dhcpserver□A,Ü,½,Í net continue dhcpserver
fRf}f"fh,đ"ü—Í,·,é•û-@,à, ,è,Ü,·□B

▪ Šù'è,ì□Ý'è,Å,í□AMicrosoft DHCP Server fT[frfX,í□AfRf"fsf...
□[f^,ì<N"® Žž,ÉŽ© "®"I,ÉŠJŽn,³,è,Ü,·□B

DHCP fT[fO[L,lfvf[fpfefB,đ•\Ž!,•,é

DHCP fT[fO[L,lfvf[fpfefB,đ•\Ž!,•,é,É,Í

▶ [fT[fO[L] f[ifj...[L,Í [fvf[fpfefB] ,đfNfŠfbfN,μ,Ü,·[B

'[

▪ [fvf[fpfefB] ,Í[AfT[fO[L fAfhfCEfX,đ'!đ,μ,Ä,ç,é,Æ,«,É,¾, ~Žg—p%oÂ"\,Å,·[B

▪ [fvf[fpfefB] f_fCfAf[fo f{fbfNfX,É,Í[ADHCP fT[fO[L,ÍŠ^"®,lf[fo,ì<L~^A<£[±,ª"¶!,•,é%oÂ"\
[«,ì, ,éfAfhfCEfX,ÍCEŸ[o[ABOOTP fe[fuf<"à,ì\[-î•ñ,È,Ç,ªŠÜ,Ü,ê,Ü,·[BSù'è,ìŸ'è,Å,Í[A,±,ê,ç,íf[fvfVf#f",Í
—LCEø,É,È,Á,Ä,ç,Ü,¹,ñ[B

ŠÖ~A[€-Ú

[fT[fO[L fvf[fpfefB] - ['S"É]

[BOOTP fe[fuf<]

[fT[fO[f vjfpjefB] - [‘S”Ê]

,±,ìf_cjAfpfo f{fbfNfx,íADHCP fT[fO[.ìŠ^“®,ìfO,đŽúW,μAfAfhfCEfX,ì<£,ì%oÂ“\
«,đCEŸo,·,é,½,ß,ÉŽg,ç,Û,·B

€-Ú

[DHCP ffo]

[<£,ìCEŸo]

[DHCP fofO]

DHCP fT[fo[,iš^“@ ,lfO,đfefLjXfg ftf@fCf< (.log) ,ÉŽûW, ,é,É,íA,±,lf`fFbfN
f{fbfNfX,đfj“ ,É,μ,Û,·B,±,lf@fCf<,íADHCP fT[fo[,ìáŠQ,É’í^ ,éÛ,É-đ-š,Â%oÂ“\« ,è,Û,·B

[<£†,ìŸo]

,±,ìfìvìfìf“,íAIP fAfhfŒfX,É'í,μ,Ä DHCP fŠ[fX,ð'ñ<Ÿ,.é'O,É DHCP fT[fō[L,ªfAfhfŒfX,ðfefXfg,.é %oñ“,ðŽw'è,μ,Ü,.B

[BOOTP fe[fuf<]

[BOOTP fe[fuf<] ,đŽg,Á,ÄAfCfR[fh,đ'Ç%ÁAíœA,Ü,½,Í•ÒW,·,é,±,Æ,ª,Å,«,Û,·B

BOOTP ,í DHCP ,ì'Og,Å,·,ªABOOTP ,ífAfhfCfX fš[fX,ÆŽö-½,ÌŠ"O,đTf|f[fg,μ,È,ç,Æ,ç,¤d—
v,È'S^á,ª, ,è,Û,·BBOOTP fNf%ofCfAf"fg,ÍABOOTP ÇđŠ·,É,æ,è—^ ,!,ç,è,½ IP fAfhfCfX,Í-³ŠúCÈÀ,ìŽö-
½,đŽg,Á,Æ,Ý,È,μ,Û,·B

BOOTP ,ífAfhfCfXŠÇ—,ÍACEÅ'è"l,È—\-ñ,đ•K—v,Æ,·,ézfXfg,É'Í,·,é DHCP ,ífAfhfCfXŠÇ—,ÆŽ—,Ä,ç
,Û,·B

BOOTP fNf%ofCfAf"fg,ÍADHCP ,ì—\-ñfNf%ofCfAf"fg,Æ" -l,É,μ,Ä\—,³,è,Û,·BfNf%ofCfAf"fg,ì—\-
ñ,É,Å,ç,Ä,ìÚ×,ÍAfNf%ofCfAf"fg—\-ñ,đŠÇ—,·,é,đŽQÆ,μ,Ä,,¾,³,çB

fzfXfg,ª "Á'è,ìtf@fCf<-¼, ,é,ç,ìtf@fCf< fT[fœ[f,đ BOOTP —v<[,Å•Ô,³,è,é•K—v,ª, ,éè±,ÍAŠÇ—
ŽÖ,ÍA[DHCP flfvfVf†f"] f†fj...[,ì\—fpf%of[f^ ,đŽg,Á,ÄADHCP flfvfVf†f" 066 , ,æ,Ñ 067 (fuf[f^g
fT[fœ[f fzfXfg-¼] ,Æ [fuf[f†f@fCf<-¼]) ,đÝ'è,Å,«,Û,·B

ftfB[f<fh

['Ç%Á

[í[œ]

[•ÒW]

ŠÖ~A[€-Ú

fNf%ofCfAf"fg—\-ñ,đŠÇ—,·,é

[DHCP flfvfVf†f"]

['Ç%oÁ]

BOOTP fe[]fuf<,ÉfGf“fgfŠ,đ'Ç%oÁ,·,é,É,í[]A,±,}f{f^f“,đfNfŠfbfN,μ,Ü,·[]Bfu[]fg fCf[][]fW[]Aftf@fCf<-
¼[]A,“,æ,Ñftf@fCf< fT[]fo[][,đ IP fAfhfCEfX,ÅŽw'è,·,é•K—v,ª, ,è,Ü,·[]B

fu[]fg fCf[][]fW,í[]ABOOTP fNf%ofCfAf“fg,ª—v<[],·,éftf@fCf<,ìŽí—p,Å[]A,»,}fRf“fsf...[]f^,ìŽí—
p,đŽ`•É,μ,Ü,·[]Bftf@fCf<-¼,í[]ADHCP fT[]fo[][,©,ç BOOTP fNf%ofCfAf“fg,É•Ô,ª,è,é[]AŽw'è,μ,½ftf@fCf<
fT[]fo[][]ă,}ftf@fCf<,ì-¼'O,Å,·[]BfNf%ofCfAf“fg,í[]A—v<[],μ,½Ží—p,}fu[]fg fCf[][]fW,đ,±,}ftf@fCf<
fT[]fo[][,ÅŽó,`Žæ,é,±,Æ,ª,Å,«,Ü,·[]B

[iœ]

BOOTP fe[fuf<, ©, çfGf"fgfŠ, ðiœ, ·, é, É, íA, ±, ðfNfŠfbfN, µ, Ü, ·B

[•ÒW]

BOOTP fe[fuf<,lfGf“fgfŠ,đ•ÒW,·,é,É,íA,±,lf{f^f“,đfNfŠfbfN,μ,Ü,·B

[BOOTP fGf“fgfŠ,ì’Ç%Á]

,±,ìf_fCfAf□fO f{fbfNfX,í□ABOOTP fNf%ofCfAf“fg,^a•K—v,Æ,·,éŽŸ,ì□î•ñ,đ BOOTP fe□[fuf<,É’Ç
%Á,·,é,½,ß,ÉŽg,ç,Ü,·□B

- fu□[fg fCf□□[fW□BBOOTP fNf%ofCfAf“fg,^a—v<□,·,éftf@fCf<,ìŽí—p,Å□A,»,ìfRf“fsf...□[f^,ìŽí—
p,đŽ~•É,μ,Ü,·□B
- DHCP fT□[fo□[,©,ç BOOTP fNf%ofCfAf“fg,É•Ô,³è,éftf@fCf<—¼□B
- fu□[fg fCf□□[fW,^aŽù,ß,ç,è,Á,ç,éft□[fo□□B

DHCP fXfR[fv,É,Â,ç,Ä

DHCP fXfR[fv,Æ,íAftfufjfbfg,ì't,Å DHCP fNf%ofCfAf“fg fT[frfX,ðŽÀs,·,éRf“fsf...[f^,ìW,Ü,è,ì,±,Æ,Å,·BfXfR[fv,íAŠefTfufjfbfg,ìfpf%of[f^,ð'è<` ,·,é,½,ß,ÉŽg,ç,Ü,·B

ŠefXfR[fv,É,íAZÿ,ìvf[]pfefB,ª, ,è,Ü,·B

- —^,ì,ç,é,½ IP fAfhfCfX,ìTfufjfbfg,ðCè^'è,·,é,½,ß,ì^è^Ó,ìTfufjfbfg f}fXfN[]B
- fXfR[fv,ì[]Zž,ÉŠÇ—ZÒ,ªS,,,è“-,Ä,éfXfR[fv-¼[]B
- “@“ìfAfhfCfX,Æ<æ,É DHCP fNf%ofCfAf“fg,ÉS,,,è“-,Ä,ç,é,éfŠ[]fXŠúŠÒ,ì'[]B

ŠÖ~A[]€-Ú

fXfR[fv,ð[]-:·é

fXfR[fv,ìvf[]pfefB,ð·ì[]X:·é

fXfR[fv,ð[]í[]œ,·,é

fX[]fp[]fXfR[fv,ð[]-:,·æ,Ñ[]í[]œ,·,é

fxfr[fv,ð]i-.,é

fxfr[fv, .æ, ñfx[fpo[fxfr[fv,ð]i-]AŠÇ—A,Ü,½,í[í]œ,.,é,É,íADHCP
f}f[í]fwff,ðŽg,í,É,.,é,í,É,è,Ü,¹,ñB

V,μ,ç DHCP fxfr[fv,ð]i-.,é,É,í

- [DHCP f}f[í]fwff] fEfBf“fhfE,ì [DHCP fT[í]fo[í] ^è—,ÁAfxfR[fv,ð]i-.,é,É,íT[í]fo[í],ð'í,ð,μ,Ü,·B
- [fxfr[fv] f}fj...[í] [í]i-], ðfNfŠfbfN,μ,Ü,·B
- [í]i-.,é,fxfr[fv,Á—p%Á^,È IP fAfhfCfX,ì'í,ð'è<,.,é,É,í[A[Š]ŽnfAfhfCfX] f{fbfNfX,Æ [í]—
¹fAfhfCfX] f{fbfNfX,É[A'í,í]œ“ª,ì IP fAfhfCfX,Æ—“ò,ì IP fAfhfCfX,ð“ü—í,μ,Ü,·B
fvf%ofCf}fŠ fT[í]fo[í]ã,Á,±,ìfxfr[fv,ðfAfNfefBfu,É,.,é,É,í[A,±,ì]ñ,ð“ü—í,μ,É,.,é,í,É,è,Ü,¹,ñB
- [Tfufjfbfg f}fxfN] f{fbfNfX,É[A[Š]ŽnfAfhfCfX] ,Æ [í]—¹fAfhfCfX] ,ì',ÉŠ,Á,ç,½Tfufjfbfg f}fxfN,ª·\
Ž,¹,³,è,Ü,·BÜ,É,é',ª·K—v,Á,.,é,±,Æ,ª,í,©,Á,Á,ç,é[é]ñ^ÉŠO,í[A·Ž],³,è,½',ðŽg,ç,Ü,·B
- IP fAfhfCfX fv[f,ì'í'í'á,ÁœŠO,.,é,É,í[A[œŠO'í'í] ,ðŽg,ç,Ü,·B
 - œŠO'í'í,í]œ“ª,ì IP fAfhfCfX,ð [Š]ŽnfAfhfCfX] f{fbfNfX,É“ü—í,μ[AœŠO'í'í,ì—“ò,ì IP
fAfhfCfX,ð [í]—¹fAfhfCfX] f{fbfNfX,É“ü—í,μ,Ü,·BZÝ,É[A[Ç%Á]
ðfNfŠfbfN,μ,Ü,·B,Ü,©,É,È,ìœŠO'í'í,ª,.,é,í[A^,¹·ù-@,Á'è<,μ,Ü,·B
 - 'P^è,ì IP fAfhfCfX,ðœŠO,.,é,É,í[AœŠO,.,é IP fAfhfCfX,ð [Š]ŽnfAfhfCfX] f{fbfNfX,É“ü—í,μ[A[í]
—¹fAfhfCfX] f{fbfNfX,í<ó,ì,Ü,Ü,É,μ,Ü,·B
 - œŠO'í'í,©,ç'P^è,ì IP fAfhfCfX,Ü,½,í IP fAfhfCfX'í'í,ðŽæ,è[œ,.,é,É,í[A[œŠO,.,é,É,í[AfhfCfX]
f{fbfNfX,Á—U'í,ìfAfhfCfX,Ü,½,í'í'í,ðfNfŠfbfN,μ[AŽÝ,É [í]í]œ, ðfNfŠfbfN,μ,Ü,·B
œŠO'í'í,É,í[A,Ü,©,ì DHCP fT[í]fo[í]ñ DHCP fNf%ofCfAf“fg[AffBfXfNfCfX f[í]NfXfe[í]Vfj“[A,Ü,½,í
RAS fNf%ofCfAf“fg,Æ PPP fNf%ofCfAf“fg,ÉŽè“ @,ÁŠ,,è“—,Á,½ IP fAfhfCfX,ð[A,.,x,ÁŠÜ,ß,Á,.,ª·K—
v,ª,.,è,Ü,·B
- fxfr[fv“à,ì IP fAfhfCfX,ìfŠ[í]XŠúŠÖ,ðŽw'è,.,é,É,í[A[ŠúŠÖ]
ðfNfŠfbfN,μ[AŽÝ,É[A[“ú]A[ŽžŠÖ]A,.,æ,Ñ [ª] ,ìŠef{fbfNfX,ÁAfAfhfCfX fŠ[í]X,ì',³,ð'è<,.,é',ð“ü
—í,μ,Ü,·B
fxfr[fv“à,ì IP fAfhfCfX fŠ[í]X,ìŠúCÈ,ªØ,è,È,ç,æ,ª,É,.,é,É,í[A[-³ŠúCÈ], ðfNfŠfbfN,μ,Ü,·B—
³ŠúCÈA[A,.,É,í,¿%oi±“I,ÉfŠ[í]X,ðŽg,ª,Æ,ª,í[A\ª,É'Ó,ª·K—v,Á,·B
- [—¼'O] f{fbfNfX,É[A128 ·¶Žš,Ü,Á,ìfxfr[fv-¼,ð“ü—í,μ,Ü,·B
„,ìTfufjfbfg,ð·,½,ß,ì“C^Ó,ì-¼'O,ðŽw'è,Á,ª,Ü,·B—¼'O,É,í[A%opŽš[A“Žš[A,.,æ,ÑfjCfj“f,ðŽg—
p,Á,ª,Ü,·B
- ª·K—v,É%ž,¶,ÁAfxfR[fv,ÉŠÖ,.,é]à-¾,ð [fRf]“fg] f{fbfNfX,É“ü—í,μ,Ü,·B

'[

- fxfr[fv,í]i-.,ð]i-¹,.,é,Æ[A]i-.,μ,½fxfr[fv,ªfAfNfefBfu,Á,É,ç,±,Æ,ð^Ó,.,é]fbfZ[í]W,ª·\
Ž,¹,³,è,Ü,·B[í,ç] ,ðfNfŠfbfN,.,é,Æ[A]i-.,μ,½fxfr[fv,ì'¼,¿,ÉfAfNfefBfu%»»,³,è,Ü,·B,½,¾,μ[A,±
ìfxfr[fv,É'í,.,é DHCP f{fvfVfj“],ì'è<,ðŠ@—¹,.,é,Ü,Á,í[A[V,μ,í]i-.,μ,½fxfr[fv,ðfAfNfefBfu,É,μ,É,ç,Á,ß,
¾,³,ç]B
- IP fAfhfCfX'í'í,É,í[A[Š]ŽnfAfhfCfX] f{fbfNfX,.,æ,Ñ [í]—¹fAfhfCfX] f{fbfNfX,É“ü—
í,μ,½fAfhfCfX,àŠÜ,Ü,è,Ü,·B,±,ì'í'í,É,í[AŠù'¶,í]Á'í,É[í]i-.,³,è,½Rf“fsf...[í]f^,ìfAfhfCfX,ðŠÜ,ß,É,ç,æ,ª,
É,μ,Á,,¾,¾,ç[Bfxfr[fv,ì'í'í,ª,±,è,ç,ì]Á“fAfhfCfX,ðŠÜ,Ü,É,ç,æ,ª,É,.,é,©[A,Ü,½,í,±
è,ç,ì]Á“fAfhfCfX,ðfxfr[fv,ì'í'í,©,ç'¼,¿,É]œŠO,μ,É,.,é,í,É,è,Ü,¹,ñB,Ü,½ADHCP fT[í]fo[í]Ž“í,í]Á“í,É[í]
i-.,³,è,Á,ç,é,í,ÁADHCP fT[í]fo[í],ì IP
fAfhfCfX,ªfxfr[fv,ì'í'í]ŠO,É,.,é,©[A,Ü,½,ìfxfr[fv,ì'í'í,©,ç]œŠO,³,è,Á,ç,é,±,Æ,ðŠm“F,μ,Á,,¾,¾,ç]B

DHCP fxfr[fv,ðfAfNfefBfu,É,.,é,É,í

- [fxfr[fv] f}fj...[í] [fAfNfefBfu%»] ,ðfNfŠfbfN,μ,Ü,·B
 - 'í,ð,μ,½fxfr[fv,ª»YfAfNfefBfu,É,É,Á,Á,ç,é[é]ñ^,í[A]fj...[í],ìRf]f“fh-¼,í [“ñfAfNfefBfu%»]
É·í,í,è,Ü,·B

ŠÖ~A[€-Ü

fx[fpo[fxfr[fv,ð]i-.,æ,Ñ[í]œ,.,é

fX[]fP[]fXfR[]fv

fX[]fP[]fXfR[]fv, íADHCP fT[]fo[], É•Ê, ÌŠK'wfCFxf<, ð'Ç
%Á, µ, Ü, ·BfX[]fP[]fXfR[]fv, íAfT[]fo[], ÌfEfBf"fhfE<æ%æ, Ì%º, Éd, Ě, ç, è, Ü, ·BfX[]fP[]fXfR[]fv, ðŽg, x
, ±, Æ, É, æ, èADHCP fT[]fo[], íAfC[]fTfJfbfg fZfOf[]fg, È, Ç, Ì'P^è, Ì•" — fTfufJfbfg ä, ÅA•i", Ì~_ — IP
fTfufJfbfg, ðŠÇ —, Å, «, é, æ, x, É, È, è, Ü, ·BfX[]fP[]fXfR[]fv, íA" — %æ, ÌCEv
%æ, æ, è, à'½", ÌfzfXfg, ðfJfbfg[]fN, É'Ç
%Á, µ, È, , è, Ì, È, ç, È, ç, è, Ì, ·é, É•Ö—, Å, ·B
'P^è, ÌfX[]fP[]fXfR[]fv" à, É•i", Ì^Ù, È, éfXfR[]fv, ðfOf<[]fv%», ·, é, ±
, Æ, Å, «, Ü, ·B, », Ìé#A, », è, ç, ÌfXfR[]fv, íAZqfXfR[]fv, ÆCEÄ, Ì, è, Ü, ·B

fXfR[fv,lfvf]pfefB,đ•iX,•,é

fTfufjfbfg ID ,ÆfAfhfCEfX fv[f<,đfXfR[fv,lfvf]pfefB,Æ,č,č,Ü,•B

Šù'¶,lfXfR[fv,lfvf]pfefB,í•iX,Ä,«,Ü,•B

fAfNfefBfu,ÈfŠ[fX,đŠÜ,þfAfhfCEfX"í^í,íœŠO,Ä,«,Ü,¹,ňB,Ü,, AfAfNfefBfu,ÈfŠ[fX,đíœ,µAŽŸ,ÉœŠ
O,đÄ"xŽÄs,µ,Ü,•B

fXfR[fv,lfAfhfCEfX"í^í,đŠg'â,•,é,±,Æ,í,Ä,«,Ü,•,ªA□k□¬,•,é,±

,Æ,í,Ä,«,Ü,¹,ňB,½,¾,µAfAfhfCEfX"í^í,©,ç"Á'è,lfAfhfCEfX,đœŠO,•,é,±,Æ,í%Ä"\,Ä,•B

DHCP fXfR[fv,lfvf]pfefB,đ'è` ,•,é,É,í

1 [DHCP f}fj[fWff] fEfBf"fhfE,ì [DHCP fT[fo[] ^ê—,ÄAfvf]pfefB,đ•iX,•,é,fXfR[fv,đ'í'đ,µ,Ü,•B

2 [fXfR[fv] f□fj...□[,ì [fv]pfefB] ,đfNfŠfbfN,µ,Ü,•B

3 fXfR[fv,í'í,í•iX,ìÚ×,É,Ä,č,Ä,íA□ufXfR[fv,đ□□¬,•,é□v,đŽQ□Æ,µ,Ä,,¾,³,čB

ŠÖ~A□€-Ú

fNf%œfCfAf"fg fŠ[fX,đŠC—□,•,é

fXfR[fv,đííœ,-,é

fTfu|f|bfg,|Žg—p,đ,â,ß,é,Æ,«,È,ÇAŠù'¶,|fXfR[fv,ª•s—v,É,È,Á,½,Æ,«,ÍADHCP
f}f|í[fWff,đŽg,Á,ÄfXfR[fv,đííœ,Á,«,Ü,·BfXfR[fv"à,ì IP fAfhfCEfX,ªfŠ[fX,Ü,½,ÍŽg—p,ª,é,Ä,ç
,éíéí¶,íA,·,x,Ä,|fNf%ofCfAf"fg fŠ[fX,ì—LCEøŠúCEÀ,ªØ,é,é,©A,·,x,Ä,|fNf%ofCfAf"fg fŠ[fX,ì%œ,,·—
v<ª,ª"Ü,ª,é,é,Ü,ÁAfXfR[fv,đ"ñfAfNfefBfu%œ»„µ,Ä,“,•K—v,ª, ,è,Ü,·B

fXfR[fv,ª"ñfAfNfefBfu%œ»„ª,é,é,ÆA,»,|fXfR[fv,|fŠ[fX—v<Ü,½,í¶,«Š·,|—v<É'í,·,éŠm" F
%œž"š,đ¶s,í,È,,È,è,Ü,·B,µ,½,ª,Á,ÄAŠù'¶,|fNf%ofCfAf"fg,í¶,«Š·,|Žž,ÉfŠ[fX,đŽ,·çA—~p%œÁ"\
,È,Ü,©,ì DHCP fT[fó[.ÁÄ¶\¶—,·,é,±,Æ,É,È,è,Ü,·B,·,x,Ä,|fNf
%ofCfAf"fg,ªV,µ,çfXfR[fv,ÉfXf€[fY,É^Ú¶s,Á,«,é,æ,æ,É,·,é,É,íA¶,È,-
,Æ,àfŠ[fXŠúŠÖ,ì"¼•ªA,Ü,½,í,·,x,Ä,|fNf
%ofCfAf"fg,ª,Ü,©,|fXfR[fv,ÉŽè"®,Á^Ú"®„ª,é,é,Ü,Ä,ìŠÖA¶ííœ,·,éfXfR[fv,đ"ñfAfNfefBfu
%œ»„µ,Ä,“,«,Ü,·BfNf%ofCfAf"fg,đ,Ü,©,|fXfR[fv,ÉŽè"®,Á^Ú"®„·,é,É,íAfNf%ofCfAf"fg fRf"fsf...
[f^,|fRf}f"fh fvf"fvfg,Á **ipconfig /renew** ,Æ"ü—í,µAZŽ,ÉA•K—v,É%œž,¶,ÄfRf"fsf...
[f^,đÄ<N"®,µ,Ü,·B

fXfR[fv,đííœ,-,é,É,í

- 1 [DHCP f}f|í[fWff] fEfBf"fhfE,ì [DHCP fT[fó[] ^è—,ÁA¶ííœ,·,éfXfR[fv,đ'í'đ,µ,Ü,·B
fXfR[fv,ªŽg,í,é,Ä,ç,È,ç,±,Æ,ªŠm" F,Á,«,é,Ü,ÁAfXfR[fv,đ"ñfAfNfefBfu%œ»„µ,Ä,“,«,Ü,·B
- 2 [fXfR[fv] f¶fj...[.ì ["ñfAfNfefBfu%œ»] ,đfNfŠfbfN,µ,Ü,·B
fXfR[fv,ª"ñfAfNfefBfu,É,È,é,ÆAfRf}f"fh-¼,í [fAfNfefBfu%œ»] ,É·í,í,è,Ü,·B
- 3 [fXfR[fv] f¶fj...[.ì [ííœ] ,đfNfŠfbfN,µ,Ü,·B

fX [fp [fXfR [fv, ð ñ ò ñ, , æ, Ñ í ò œ, , é

fX [fp [fXfR [fv, ð Ž g, x, ±, Æ, É, æ, è ADHCP fT [fo [l, í AfC [fTfifbfg fZfof“fg, È, Ç, ì P ^ è, ì • —
[ftfuflfbfg ä, Å A • i “, ì _ — IP ftfuflfbfg, ð Š Ç — , , é, ±, Æ, ð, Å, «, é, æ, x
, È, È, è, Û, · B P ^ è, ì fX [fp [fXfR [fv, É • i “, ì ^ Û, È, é fXfR [fv, ð ‘ Ç % Á, Å, «, é, ½, ß A “ — % , ì C v
% œ æ, è, à ‘ ½ “, ì fzfXfg, ð flfbfg [fN, É ‘ Ç
% Á, µ, È, , é, ì, È, ç, È, ç, ê ð #, à Afifbfg [fN “ Ó ð t, ð • t, ‘ ¼, · ð ê #, É • Ö —
~, Å, · B fX [fp [fXfR [fv, à, É Š Û, Û, é, é fXfR [fv, í A Ž qfXfR [fv, Æ C E Ä, ì, è, Û, · B

fX [fp [fXfR [fv, ð ñ ò ñ, , é, É, í

- 1 [fXfR [fv] f [fj f ... [l, ì [fX [fp [fXfR [fv] , ð fNfŠfbfN, µ, Û, · B
- 2 [fX [fp [fXfR [fv, ì ñ ò ñ] , ð fNfŠfbfN, µ, Û, · B
- 3 fX [fp [fXfR [fv, ì -¼ ‘ O, ð “ ü — í, µ A [OK] , ð fNfŠfbfN, µ, Û, · B

fX [fp [fXfR [fv, ð í ò œ, , é, É, í

- 1 [fX [fp [fXfR [fv -¼] ^ è — , Å A í ò œ, , é fX [fp [fXfR [fv, ì -¼ ‘ O, ð ‘ ì ‘ ð, µ, Û, · B
- 2 [fX [fp [fXfR [fv, ì í ò œ] , ð fNfŠfbfN, µ, Û, · B

’
▪ fX [fp [fXfR [fv, ð í ò œ, µ, Ä, à A Ž qfXfR [fv, í ò ò œ, ð, è, Û, ð, ñ B

Š Ö ~ A [€ - Û

fX [fp [fXfR [fv, É fXfR [fv, ð ‘ Ç % Á, , æ, Ñ í ò œ, , é

fX[fP[fXfR[fv,ÉfXfR[fv,ð'Ç%Á,¨,æ,Ñíœ,·,é

fX[fP[fXfR[fv,ÉfXfR[fv,ð'Ç%Á,·,é,É,Í

1 [fXfR[fv] fñfj...[,ì [fX[fP[fXfR[fv] ,ðfNfŠfbfN,μ,Ü,·B

2 [fX[fP[fXfR[fv-¼] ^ê—,ÅAfXfR[fv,ð'Ç%Á,·,éfX[fP[fXfR[fv,ì-¼'O,ð'I'ð,μ,Ü,·B

3 [—~—p%Á"\\,ÉfXfR[fv] ^ê—,ÅfXfR[fv,ð'I'ð,μA[Ç%Á] ,ðfNfŠfbfN,μ,Ü,·B

fX[fP[fXfR[fv,©,çfXfR[fv,ðíœ,·,é,É,Í

▶ [ŽqfXfR[fv] ^ê—,ÅfXfR[fv,ð'I'ð,μA[íœ] ,ðfNfŠfbfN,μ,Ü,·B

[fX][fp][fXfR][fv,ì]ì-]

fX[fp][fXfR][fv,ì-¼'O,ð"ü—í,μ,Ü,·B

DHCP flfvVf#f" f^fCfv,É,Â,ç,Ä

DHCP fT[f]o[f],afNf%ofCfAf"fg,ÉŠ,,è"-,Ä,é\[-f]pf%of[f]^,íADHCP f}f[f]Wff,ðŽg,Á,Ä DHCP flfvVf#f",Æ,μ,Ä'è<` ,μ,Ü,·B,½,¾,μA^è"Ê,ÉŽw'è,·,é•K—v,ª, ,é,Ü,Æ,ñ,Ç,lflfvVf#f",íAfCf"f^f[f]fbfg flfbfgf[f]N[ì<ÆfOf<[fv,É,æ,Á,Ä RFC 1541 ,Ä'è<` ,³,è,½•W[€,lf]pf%of[f]^,ðŠí,ÉA, ,ç,©,¶,ß'è<` ,³,è,Ä,ç ,Ü,·B

DHCP fXfR[f]v,ð\[-,·,é,Æ,«,íAflfvVf#f" f^fCfv,ðŠ,,è"-,Ä,é,±,Æ,É,æ,Á,ÄA,·,·,Ä,ì\[-f]pf %of[f]^,ð§Eä,Ä,«,Ü,·BflfvVf#f" f^fCfv,íA'è<` A•ÒW[A,Ü,½,ííœ,Ä,«,Ü,·B

ŠÖ~A[€-Ú

DHCP \[-flfvVf#f",ðŠ,,è"-,Ä,é

'è<`[í,Ý DHCP fNf%ofCfAf"fg\[-flfvVf#f"

V,μ,çflfvVf#f" f^fCfv,ð'C%oÄ,-,é

DHCP [] - f1fvfVf#f# " , dŠ,, è " - , Ä, é

IP fAfhfCEfX [] • ñ, É%oÁ, Ĩ, Ä [] DHCP fNf%oCfAf"fg, É"n, , , » , ĩ, Û, ©, ĩ DHCP f1fvfVf#f# " , à [] AfXfR [] [fv, ? , Æ, É [] [] - , , µ, È, , é, ĩ, È, è, Û, , ñ [] B

f1fvfVf#f# " , ĩ [] A, , , x, Ä, ĩXfR [] [fv, É'ĭ, µ, ÄfOf [] [fof<, É'è< , , , é, ±, Æ, à [] A'ĭ'ð, µ, ½XfR [] [fv, Û, ½, ĩCEÄ•É, ĩ DHCP fNf%oCfAf"fg, É'ĭ, µ, Ä'è< , , , é, ±, Æ, à, Ä, «, , Û, [] B

- fAfNfefBfu, ÈfOf [] [fof< f1fvfVf#f# " f^fCfv, ĩ [] AfXfR [] [fv, Û, ½, ĩ DHCP fNf%oCfAf"fg, É'ĭ, , é [] Y'è, Ä [] ä [] ' , «, , ³, È, çCEÄ, è [] A [] ĩ, É"K-p, , ³, è, Û, [] B

- fXfR [] [fv, É'ĭ, µ, ÄfAfNfefBfu, Èf1fvfVf#f# " f^fCfv, ĩ [] ACEÄ•É, ĩ DHCP fNf%oCfAf"fg, É'ĭ, , é [] Y'è, Ä [] ä [] ' , «, , ³, È, çCEÄ, è [] A, » , ĩXfR [] [fv"à, ĩ, , , x, Ä, ĩfRf"fsf... [] f^ , É"K-p, , ³, è, Û, [] B

Microsoft DHCP f1fbfgf [] [fN fpfPfbfg, Ä, ĩ [] DHCP f1fvfVf#f# " , ĩ, ½, B, É 312 fofCfg, aŠ,, è " - , Ä, ç, è, Ä, ç, Û, [] B, ±, è, ĩ [] A'ä • • a, ĩf1fvfVf#f# " [] [] - , É, Æ, Ä, Ä [] \ • a, È'ä, «, , ³, Ä, [] B DHCP fT [] [fo [] [, ä DHCP fNf%oCfAf"fg, É, æ, Ä, Ä, ĩ [] DHCP fpfPfbfg, ĩŽg, ĩ, è, Ä, ç, È, ç - ĩ^æ, É, , ³, ç, Èf1fvfVf#f# " , dŠ,, è " - , Ä, é, ±, Æ, a, Ä, «, , Û, [] Bf1fvfVf#f# " f [] [fo [] [fCEfC, ÆCEÄ, ĩ, è, é, ±, ĩ<@ "\, ĩ [] A Microsoft DHCP fT [] [fo [] [, Ä, ĩfTf [] [fg, , ³, è, Ä, ç, Û, , ñ [] B 312 fofCfg, æ, è'ä, «, , ç - ĩ^æ, dŽg, x, Æ [] Af1fvfVf#f# " [] Y'è, ĩ^è • " , aŽ , ĩ, è, Û, [] B, ±, ĩ, æ, x, È [] è [] # [] , ĩ [] AŽg - p, µ, È, çf1fvfVf#f# " , à [] d - v, Ä, ĩ, È, çf1fvfVf#f# " , d [] [] [] œ, µ, Ä, , ¾, ³, ç [] B

fT [] [fh fp [] [fefB [] » , ĩ DHCP fT [] [fo [] [, dŽg, Ä, Ä, ç, é [] è [] # [] , ĩ [] A Microsoft DHCP fNf%oCfAf"fg, a f1fvfVf#f# " f [] [fo [] [fCEfC, dŧTf [] [fg, µ, Ä, ç, È, ç, ±, Æ, È' [] ^ [] Ó, µ, Ä, , ¾, ³, ç [] Bf1fvfVf#f# " fZfbfg, a 312 fofCfg, d' , ĩ, é [] è [] # [] , ĩ [] A Microsoft DHCP fNf%oCfAf"fg, aŽg, x [] Y'è, a [] Af1fvfVf#f# " , ĩ^è - - , ĩ [] A [] %o , ÈŠÛ, Û, è, Ä, ç, é, ±, Æ, dŠm" F, µ, Ä, , ¾, ³, ç [] B Microsoft DHCP fNf%oCfAf"fg, ĩ [] A [] Ä [] %o, ĩ 312 fofCfg, d' , ĩ, é [] Y'è, ĩ " Ç, YŽæ, è, Û, , ñ [] B

DHCP [] - f1fvfVf#f# " , dŠ,, è " - , Ä, é, É, ĩ

1 [DHCP f } f [] [fWff] fEfBf"fhfE, ĩ [DHCP fT [] [fo [] [] ^è - - , Ä [] A [] [] - , , éXfR [] [fv, d'ĭ'ð, µ, Û, [] B

2 CE» [] Y'ĭ'ð, µ, Ä, ç, éTf [] [fo [] [] ä, ĩ, , x, Ä, ĩXfR [] [fv, É'ĭ, µ, Äf1fvfVf#f# " [] Y'è, d'è< , , , é [] è [] # [] , ĩ [] A [DHCP f1fvfVf#f# "] f [] [ff... [] [, ĩ [fof [] [fof<] , dŧNfŠfbfN, µ, Û, [] B [DHCP f } f [] [fWff] fEfBf"fhfE, ÄCE» [] Y'ĭ'ð, µ, Ä, ç, éXfR [] [fv, É'ĭ, µ, Äf1fvfVf#f# " [] Y'è, d'è< , , , é [] è [] # [] , ĩ [] A [DHCP f1fvfVf#f# "] f [] [ff... [] [, ĩ [XfR [] [fv] , dŧNfŠfbfN, µ, Û, [] B

3 [Žg - p, µ, È, çf1fvfVf#f# "] ^è - - , Ä [] A " K - p, , , é DHCP f1fvfVf#f# " , ĩ - ¼ ' O, d'ĭ'ð, µ, Û, [] B ŽY, É [] A [' Ç %o Ä] , dŧNfŠfbfN, µ [] A'ĭ'ð, µ, ½f1fvfVf#f# " - ¼, d [Žg - p, , , éf1fvfVf#f# "] ^è - - , É'Ů" © , µ, Û, [] B

^è - - , É, ĩ [] A'è< [] [, Yf1fvfVf#f# " , Æ"ÆŽ © , É [] [] - , µ, ½ffXf^fE f1fvfVf#f# " , ĩ - ¼ • Ů, a • \ Ž, , ³, è, Û, [] B, ½, Æ, ĩ, ĩ [] AfRf"fsf... [] f^ , É DNS fT [] [fo [] [, dŽw'è, , , é [] è [] # [] , ĩ [] A [Žg - p, µ, È, çf1fvfVf#f# "] ^è - - , ĩ [006 DNS fT [] [fo [] [, dŧNfŠfbfN, µ [] A ŽY, É [' Ç %o Ä] , dŧNfŠfbfN, µ, Û, [] B

, ±, ĩNf%oX, É'ĭ, µ, ÄŠ,, è " - , Ä, ç, è, Ä, ç, é DHCP f1fvfVf#f# " , d [] [] [] œ, , , é [] è [] # [] , ĩ [] A [Žg - p, , , éf1fvfVf#f# "] f {fbfNfX, Ä [] A [] [] œ, , , éf1fvfVf#f# " , ĩ - ¼ ' O, dŧNfŠfbfN, µ [] A ŽY, É [] [] [] œ , dŧNfŠfbfN, µ, Û, [] B

4 fAfNfefBfu, Èf1fvfVf#f# " , ĩ'ĭ, d'è< , , , é, É, ĩ [] A [Žg - p, , , éf1fvfVf#f# "] f {fbfNfX, Ä [] A'ĭ'ð, d'è< , , , éf1fvfVf#f# " , ĩ - ¼ ' O, dŧNfŠfbfN, µ [] A ['ĭ] , dŧNfŠfbfN, µ, Û, [] B • Ó [] W, , , é " à - e, , æ, Ñ • Ů - @, ĩ [] Af1fvfVf#f# " , ĩff [] [f^CE^ , É %ož, ĩ, ÄŽY, ĩ, æ, x, É^Ů, È, è, Û, [] B

- IP fAfhfCEfX, ĩ [] è [] # [] , ĩ [] A'ĭ'ð, µ, ½f1fvfVf#f# " , ÈŠ,, è " - , Ä, éfAfhfCEfX, d"ü - ĩ, µ, Û, [] B
- [] "ĭ, ĩ [] è [] # [] , ĩ [] A " K [] Ø, É 10 [] ĭ'ĭ, Û, ½, ĩ 16 [] ĭ'ĭ, d"ü - ĩ, µ, Û, [] B
- • ĩŽš - ñ, ĩ [] è [] # [] , ĩ [] A • ĩŽš, Û, ½, ĩ [] " Žš, © , ç, È, é " K [] Ø, É ASCII • ĩŽš - ñ, d"ü - ĩ, µ, Û, [] B

, ½, Æ, ĩ, ĩ [] DHCP fNf%oCfAf"fg, aŽg, x DNS f [] [fE fT [] [fo [] [, dŽw'è, , , é, É, ĩ [] A [Žg - p, , , éf1fvfVf#f# "] ^è - - , ĩ [006 DNS fT [] [fo [] [, dŧNfŠfbfN, µ [] A ŽY, É [] A ["z - ñ, ĩ • Ó [] W] , dŧNfŠfbfN, µ, Ä DNS fT [] [fo [] [, ĩ IP fAfhfCEfX, ĩ^è - - , d"ü - ĩ, µ, Û, [] B ^è - - , ĩ [] æ " a, ĩfT [] [fo [] [, © , ç [] # [] , ÈŽQ [] Æ, , ³, è, é, ½, B [] A - D [] æ " x, ĩ [] , ç , à, ĩ, © , ç [] # [] , É DNS fT [] [fo [] [, ĩfAfhfCEfX, d"ü - ĩ, µ, Û, [] B

fifvfVf#f",i'!,d•iX,.,é

'è<`□ī,Ÿ DHCP fifvfVf#f" f^fCfv,,"æ,Ñ"ÆŽ©,É□□-μ,½ffjXf^f€ DHCP fifvfVf#f" f^fCfv,i'!,i'•iX,Å,«,Ü,•□B
IP fAfhfCEfX,i"z-ñ,đŽg,xfifvfVf#f",í□A0.0.0.0 ,aŠù'è'!,Ā,•□B,±,ì,æ,π
,ÉfifvfVf#f",đŽg,π□é□#,í□AŠù'è'!,đ□Ā□Ÿ'è,μ,Ā,,¾,¾,¢□B,Ü,½,í□AŠŸ"-.,éfifvfVf#f",đfOf□□[fof<,ÉŠ,,,è"-
,Ā,é,Æ,«,â'!đ,μ,½fXfR□[fv,ÉŠ,,,è"-,Ā,é,Æ,«,É□A•K,.,•É,i'!,đ□Ÿ'è,μ,Ā,,¾,¾,¢□B□Ú□x,É,Ā,¢,Ā,í□A□uDHCP
□□-fifvfVf#f",đŠ,,,è"-,Ā,é□v,đŽQ□Æ,μ,Ā,,¾,¾,¢□B

fifvfVf#f" f^fCfv,i'!,d•iX,.,é,É,í

- 1 [DHCP fifvfVf#f"] f□ffj...□[.i [Šù'è'!],đfNfŠfbfN,μ,Ü,•□B
- 2 [fifvfVf#f" fNf%ofX] ^è—,Ā□A'!,d•iX,.,éfifvfVf#f" fNf%ofX,đfNfŠfbfN,μ,Ü,•□B
- 3 fifvfVf#f",ìŠù'è'!,d•iX,.,é□é□#,í□A[fifvfVf#f"-¼] ^è—,Ā•iX,.,éfifvfVf#f",đfNfŠfbfN,μ□A[!]
f{fbfNfX,Ā□V,μ,¢'!,đ□Ÿ'è,μ,Ü,•□B
fifvfVf#f",ìŽí—p,É%ž,¶,Ā•\Ž!,¾,é,é [•Ò□W],đfNfŠfbfN,.,é,Æ□A•¶Žš—ñ□AIP fAfhfCEfX,i"z—
ñ□A,Ü,½,ífofCfifŠ'!,d•Ò□W,.,é,½,B,ì"Ā•É,Èf_fCfA□fO f{fbfNfX,¾•\Ž!,¾,é,Ü,•□B
- 4 ffjXf^f€ fifvfVf#f",ìŠi-{"!È—v'f,d•iX,.,é□é□#,í□A[fifvfVf#f"-¼] ^è—,ĀffjXf^f€
fifvfVf#f",đfNfŠfbfN,μ□AŽŸ,É [•iX],đfNfŠfbfN,μ,Ü,•□B
fifvfVf#f" f^fCfv,ì-¼'O□Aff□[f^CE^□AID□A,,"æ,ÑfR□f"fg,í•iX,Ā,«,Ü,•□B•iX,ìŽè□#,É,Ā,¢
,Ā,í□A□u□V,μ,¢fifvfVf#f" f^fCfv,đ'Ç%Ā,.,é□v,đŽQ□Æ,μ,Ā,,¾,¾,¢□B

□V,μ,ϕflfvfVf#f“ f^fCfv,δ'Ç%Á,·,é

DHCP fNf%ofCfAf“fg□□-□î•ñ,É,Í□AfffXf^f€ fpf%of□□[f^,δ'Ç%Á,Á,«,Ü,·□B,Ü,½□A'è<`□İ,Ý DHCP flfvfVf#f“ f^fCfv,ì'l,â,Ù,©,ì-v'f,δ•ì□X,·,é,±,Æ,à,Á,«,Ü,·□B

□V,μ,ϕflfvfVf#f“ f^fCfv,δ'Ç%Á,·,é,É,Í

- 1 [DHCP flfvfVf#f“] f□ffj...□[.ì [Šù'è'l] ,δfNfŠfbfN,μ,Ü,·□B
- 2 [flfvfVf#f“ fNf%ofX] ^è—,Á□A□V,μ,ϕflfvfVf#f“ f^fCfv,δ'Ç%Á,·,é,fNf%ofX,δfNfŠfbfN,μ□AZÏ,É [□V<K] ,δfNfŠfbfN,μ,Ü,·□B
flfvfVf#f“ fNf%ofX,É,Í□ADHCP,ì)•W□€flfvfVf#f“ ,Ü,½,í“ÆŽ©,É'Ç%Á,μ,½“C^Ó,ìffjXf^f€ flfvfVf#f“ ,δŠÜ,ß,é,±,Æ,ª,Á,«,Ü,·□B
- 3 [-¼'Ó] f{fbfNfX,É□A□V,μ,ϕflfvfVf#f“-¼,δ“ü—í,μ,Ü,·□B
- 4 [ff□[f^CE^] ^è—,Á□AflfvfVf#f“ ,ìff□[f^CE^ ,δfNfŠfbfN,μ,Ü,·□B,» ,è,¼,è,ìff□[f^CE^ ,É,Á,ç,Ä,Í□AZÏ,ì□à-¾,δŽQ□Æ,μ,Ä,,¾,¾,ç□B
[fofCfifŠ] ,Í□AfofCfG,ì”z—ñ,Á•\CE»,¾,é,l,Á,·□B
[fofCfG] ,Í□A8 frfbfg,ì•„□t,È,μ□@□” ,Á,·□B
[ffjvZf<%»] ,Í□A•„□t,È,μfofCfG,ì”z—ñ,Á,·□B
[IP fAfhfCEfX] ,Í□Aw.x.y.z CE`Ž@,ì IP fAfhfCEfX,Á,·□B
[Long CE^] ,Í□A32 frfbfg,ì•„□t•t,«□@□” ,Á,·□B
[Long CE^□@□”] ,Í□A32 frfbfg,ì•„□t,È,μ□@□” ,Á,·□B
[•¶Žš—ñ] ,Í□AASCII fefLxfG•¶Žš—ñ,Á,·□B
[f□□[fh] ,Í□A16 frfbfg,ì•„□t,È,μ□@□” ,Á,·□B
- 5 ff□[f^CE^ ,ª”z—ñ,δ•\,·□è□#,Í□A[”z—ñ] f^fFfbfN f{fbfNfX,δfif“ ,É,μ,Ü,·□B
- 6 [ID] f{fbfNfX,É□A,±,ìflfvfVf#f“ f^fCfv,ÉŠÖ~A•t,¯ ,é^è^Ó,ìfR□[fh]“Ó□t,δ“ü—í,μ,Ü,·□B
“ü—í,·,é”Ó□t,ª^è^Ó,Á,È,¯ ,è,ì,È,ç,È,ç,±,Æ,É'□^Ó,μ,Ä,,¾,¾,ç□BDHCP f}f□[fWff,Í□AfGf“fgfŠ,ª□d•i,μ,Ä,ç ,é,©,Ç,x,©,ì'²,x,Ü,¹,ñ□B
- 7 [fRf□“fg] f{fbfNfX,ÉflfvfVf#f“ f^fCfv,ÉŠÖ,·,é□à-¾,δ“ü—í,μ□AZÏ,É [OK] ,δfNfŠfbfN,μ,Ü,·□B
- 8 [DHCP flfvfVf#f“□F Šù'è'l] f_CfAf□fo f{fbfNfX,ì ['l] f{fbfNfX,Á□AflfvfVf#f“ f^fCfv,ìŠù'è'l,δ“ü—í,μ,Ü,·□B

flfvfVf#f“ f^fCfv,δ□í□œ,·,é,É,Í

- 1 [DHCP flfvfVf#f“] f□ffj...□[.ì [Šù'è'l] ,δfNfŠfbfN,μ,Ü,·□B
 - 2 [flfvfVf#f“ fNf%ofX] ^è—,Á□AŠÖ~A,·,éflfvfVf#f“ fNf%ofX,δfNfŠfbfN,μ,Ü,·□B
 - 3 [flfvfVf#f“-¼] ^è—,Á□A□í□œ,·,éflfvfVf#f“ ,δfNfŠfbfN,μ□AZÏ,É [□í□œ] ,δfNfŠfbfN,μ,Ü,·□B
- '□
- fljXf^f€ flfvfVf#f“ f^fCfv,Í□í□œ,Á,«,Ü,·,ª□A'è<`□İ,ÝflfvfVf#f“ f^fCfv,Í□í□œ,Á,«,Ü,¹,ñ□B

—\-ñ

“Á’è,ì DHCP fNf%ofCfAf“fg,ì,½,ß,É—\-ñ,³,ê,Ä,ç,é IP fAfhfÇfX,Å,·B[fXfR□[fv] f□fjf...□[,ì [—\-ñ,ì’Ç%oÁ]
.đNfŠfbfN,·,é,Æ□ADHCP ff□[f^fx□[fX“à,É—\-ñfNf%ofCfAf“fg—p,ìfGf“fgfŠ,²□ì□¬,³,ê,Ü,·B

'è<`ï,Ý DHCP fNf%oCfAf“fg\~fifvfVf#f“

DHCP ~,ì'è<`ï,Ý DHCP fifvfVf#f“,É,Â,ç,Ä,ÍAZÿ,ìŠefgfsfbfN,ðŽQ/Æ,μ,Ä,,³/₄,³,çB,±,é,ç,ìfifvfVf#f“,ÍARFC 1533 ,É'è<`³,é,Ä,ç,Û,·B

Šì-{fifvfVf#f“

fzfXfg,²,Æ,ì IP 'wfpf%of~f^

fCf“f^~[ftfFfCfX,²,Æ,ì IP fpf%of~f^

fCf“f^~[ftfFfCfX,²,Æ,ìŠf“fN'wfpf%of~f^

TCP fpf%of~f^

fCf“f^~[ftfFfCfX,²,Æ,ìfAfvfŠfP~fVf#f“'wfpf%of~f^

fxf“f_ÆÄ—L~î•ñ (NetBIOS over TCP/IP ,Æ X Window)

Ši- {fjfvfVf#f“

, ±, ±, Å à-¾, ., éfjfvfVf#f“, íAMicrosoft DHCP fT[fó[, ðŽg, Á, Ä, Ý, è, Å, «, Ü, ., B, ½, ¾, µAMicrosoft DHCP fNf%ofCfAf“fg, íAfR[fh, , æ, ÑfjfvfVf#f“-¼, ì%oi, ÉfAfXf^fŠfXfN, ² 2 , Å (**), •t, ç, Ä, ç, éfjfvfVf#f“, ì, ÝTfj [fg, µ, Ü, ., BfT[fh fp[fefB], ì DHCP fNf%ofCfAf“fg, ì è±, É, íAfT[fh fp[lfefB fNf%ofCfAf“fg f ftfgfEjfA, ÅfTj[fg, ³, è, é“C^Ó, ìfjfvfVf#f“, ð, Ý, è, Å, «, Ü, ., B

à-¾•¶, ÉfAfXf^fŠfXfN, ² 1 , Å (*) •t, ç, Ä, ç, éfjfvfVf#f“, Å, íA^ê—, ìæ“ª, ©, ç'l, ²Žg, í, è, é, ½, ßAŽg— p, ., é±, É'l, ðŽw'è, µ, Ü, ., B

0 = fpfbfh

Æä'±, ìftfB[f<fh, ðf[fh<<ŠE, É'µ, l, Ü, ., B

255 = ÅÆä

DHCP fpfPfbfg“à, ìfjfvfVf#f“, ì, l, í, è, ðŽ, l, µ, Ü, ., B

1 = fTfufjfbfg f}fXfN ()**

fNf%ofCfAf“fg fTfufjfbfg, ìTfufjfbfg f}fXfN, ðŽw'è, µ, Ü, ., B, ±, ìfjfvfVf#f“, íA[fXfR[fv, ì[]-] f_fCfAf[fO f{fbfNfX, Ü, ½, í [fXfR[fv, ìfvf[fpfefB] f_fCfAf[fO f{fbfNfX, Å'è<, µ, Ü, ., B'¼ÚÚA[DHCP fjfvfVf#f“] f_fCfAf[fO f{fbfNfX, Å, Ý, è, ., é, ±, Æ, í, Å, «, Ü, ¹, ñB

2 = f^fCfE flftfZfbfg

UCT (Universal Coordinated Time [f ŠE<l'èŽŽ]) flftfZfbfg, ð•b'P^É, ÅŽw'è, µ, Ü, ., B

3 = f<[f^ [

fNf%ofCfAf“fg, ìTfufjfbfg, ì, ìf<[f^ [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

4 = f^fCfE fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, éf^fCfE fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

5 = f [fE fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, éf [fE fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

6 = DNS fT[fó [()**

fNf%ofCfAf“fg, ²—~—p, Å, «, é DNS f [fE fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., Bf}f<f fz[fE fRf“fsf... [f^, ì è±, Å, àA•ÚŽ, Å, «, é^è—, ì 1 , Å, ¾, ^, Å, ., BfAf_fvf^ f [fh, ², Æ, É^è—, ðŽ, Å, é, í, ^, Å, í, , è, Ü, ¹, ñB(*)

7 = f [fO fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, é MIT_LCS UDP (User Datagram Protocol [f fT[fU [f [f^fO%ofE fvf[fgfRf<) f [fO fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

8 = fNfbfL [fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, é RFC 865 fNfbfL [fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

9 = LPR fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, é RFC 1179 f%ofCf“ fvfŠf“f^ fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

10 = fCf“fvfCfX fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, é Imagen fCf“fvfCfX fT[fó [, ì IP fAfhfCfX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

11 = fŠf [fX f [fP [fVf#f“ fT[fó [

fNf%ofCfAf“fg, ²—~—p, Å, «, é RFC 887 fŠf [fX f [fP [fVf#f“ fT[fó [, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

12 = fzfXfg-¼

fNf%ofCfAf“fg, ìfzfXfg-¼, ð 63 •¶Žš, Ü, Å, ÅŽw'è, µ, Ü, ., BfzfXfg-

¼,í•ŕŽš,ÅŽn,Ü,è□A•ŕŽš,Ü,½,í□Žš,Å□I,í,è,Ü,·□B,»„ìŠŎ,ì•”•ª,É,í•ŕŽš□A□Žš□A,Ü,½,ÍfñfCftf“¾,“
,ðŽg—p,Å,«„Ü,·□BfzfXfg-¼,í□A□f□□[f]f< DNS fhf□fCf“-¼,Å□C□ü,Å,«„Ü,·□B

13 = fu□lfg ftf@fCf< fTfCfY

fNf%□fCfAf“fg,ìŠù’è,Ífu□lfg fCf□□[fW ftf@fCf<,ÍTfCfY,ð 512 flfNfefbfg fuf□fbfN,ÅŽw’è,µ,Ü,·□B

14 = f□Šfbfg f_“fv ftf@fCf<

fNf%□fbjVf...ª<N,«„½□è□‡,É□AfNf%□fCfAf“fg,ÍfRfA fCf□□[fW,ªf_“fv,³,è,éftf@fCf<,ì ASCII fpfX-
¼,ðŽw’è,µ,Ü,·□B

15 = fhf□fCf“-¼ ()**

fNf%□fCfAf“fg,ª DNS fzfXfg-¼,ì%□□ðCE^,ÉŽg,ª DNS fhf□fCf“-¼,ðŽw’è,µ,Ü,·□B

16 = fXf□fbfv fT□[fo□[

fNf%□fCfAf“fg,ÍfXf□fbfv fT□[fo□[,ì IP fAfhfCEfX,ðŽw’è,µ,Ü,·□B

17 = f<□lfg fpfX

fNf%□fCfAf“fg,Íf<□lfg fffBfXfN,ì ASCII fpfX-¼,ðŽw’è,µ,Ü,·□B

18 = Šg’£fpfX

BOOTP %□ž“š“à,Ífxf“f_Šg’£ftfB□[f<fh,Æ“˘,ŕ,ª,ª,É%□□ðŽŽ,³,è,é□î•ň,ðŠÜ,ň,¾□ATFTP
,ðŽg,Á,ÅŽæ“¾,Å,«„éftf@fCf<,ðŽw’è,µ,Ü,·□B,½,¾,µ□Aftf@fCf<’,É□Š-ň,í,È,□Aftf@fCf<“à,ì Tag 18
,Ö,ìŽQ□Æ,í-³Ž<,³,è,Ü,·□B

fzfXfg,²,Æ,ì IP ‘wfpf%of□□[f^

fzfXfg,²,Æ,ì IP ‘wfpf%of□□[f^,ì^è—,í□AZÿ,ì,Æ,“,è,Å,·□B

19 = IP fCEfCf,“]’—

fNf%ofCfAf“fg,ì IP fpfPfbfg,ì“]’—,ð—LCEø,Ü,½,í-³CEø,É,μ,Ü,·□B1 ,í“]’—,ð—LCEø,É□A0 ,í“]’—,ð-³CEø,É,μ,Ü,·□B

20 = “ñf□□[fjf< f□[fX f<□[fefBf“fO

“ñf□□[fjf< f□[fX f<□[fefBf“fO,Å,ìff□[f^fOf%of€,ì“]’—,ð—LCEø,Ü,½,í-³CEø,É,μ,Ü,·□B1 ,í“]’—,ð—LCEø,É□A0 ,í“]’—,ð-³CEø,É,μ,Ü,·□B

21 = f|fšfv ftfBf<f^ f}fXfN

f|fšfv ftfBf<f^,ðŽw’è,μ,Ü,·□B,±,ìftfBf<f^,í□A”ñf□□[fjf< f□[fX f<□[fefBf“fO,ÉftfBf<f^,ð,©,“,é,½,ß,ì, ,Ä□æ,Æf}fXfN,ìí,ðŽw’è,·,é□AIP fAfhfCEfX,Æf}fXfN,ìí,ì^è —,Å□□-,³,è,Ü,·□BŽÿfzfbfv fAfhfCEfX,æftfBf<f^,Æ^è^v,μ,È,cf□[fX f<□[fgŽw’è□í,ÿff□[f^fOf%of€ ,í□AfNf%ofCfAf“fg,É,æ,Á,Ä”pšü,³,è,Ü,·□B

22 = □Å’å DG □ÄfAfZf“fuf< fTfCfY

fNf%ofCfAf“fg,³□ÄfAfZf“fuf<,Å,«,éff□[f^fOf%of€,ì□Å’åfTfCfY,ðŽw’è,μ,Ü,·□B□Å□-’l,í 576 ,Å,·□B

23 = ffftfHf<fg TTL

fNf%ofCfAf“fg,³—□Mff□[f^fOf%of€,ÅŽg,±□AŠù’è,ì TTL (Time-To-Live□F □¶’¶ŠúŠÔ) ,ðŽw’è,μ,Ü,·□Bf|fNfefbfg,ì’l,í 1 ,©,ç 255 ,Ü,Å,Å,·□B

24 = fpfX MTU fG□[fWf“fO TO

CEÄ,,É,Á,½fpfX MTU (Maximum Transmission Unit□F □Å’å“‘—’P^Ê) ‘l,ìf^fCf€fAfEfgŽžŠÔ,ð•b’P^Ê,ÅŽw’è,μ,Ü,·□BCEÄ,,É,Á,½ MTU ,í RFC 1191 ,É’è<’,³,è,½<@□\ ,É,æ,è”CE©,³,è,Ü,·□B

25 = fpfX MTU plateau fe□[fuf<

RFC 1191 ,É’è<’,³,è,½fpfX MTU “CE©,ðŽÀ□s,·,é,Æ,«,ÉŽg,±□AMTU fTfCfY,ìfe□[fuf<,ðŽw’è,μ,Ü,·□B,±,ìfe□[fuf<,í□AfTfCfY,ì□,□‡,Å•Å,×’Ö,ì,ç,è,Ü,·□B□Å□-,ì MTU ‘l,í 68 ,Å,·□B

fCf“f^[]ftfFfCfX,²,Æ,lfŠf“fN’wfpf%of[]f^

fCf“f^[]ftfFfCfX,²,Æ,lfŠf“fN’wfpf%of[]f^,îê—,ÍAŽŸ,Ì,Æ,“,è,Å,·B,±
.è,ç,lfjfvfVf#“,ÍAfCf“f^[]ftfFfCfX,²,Æ,lf[]f^ fŠf“fN’w,ì“@,É%e<ç,μ,Û,·B

34 = fgfCE[]f%o fJfvfZf<%o»

ARP fvf[]fgfRf<,ðŽg,Á,Ä,ç,é,Æ,«[]AfNf%ofCfAf“fg,³fgfCE[]f%o (RFC 983) ,lŽg—p,É,Å,ç
,ÄfjSfVfG[]fg,ðs,æ,©,Ç,æ,©,ðŽw’è,μ,Û,·B1 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,lfgfCE[]f%o,ðŽg—
p,μ,æ,æ,Æ,μ,Û,·B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,lfgfCE[]f%o,ðŽg—p,μ,Û,¹,ñB

35 = ARP fLfffbfVf... f^fCf€fAfEfg

ARP fLfffbfVf... fGf“fgfŠ,lf^fCf€fAfEfg,ð•b’P^Ê,ÅŽw’è,μ,Û,·B

36 = Ethernet fJfvfZf<%o»

fCf“f^[]ftfFfCfX,³ Ethernet ,lê‡,É[]AfNf%ofCfAf“fg,³ Ethernet v. 2 (RFC 894) fJfvfZf<%o»,Æ
IEEE 802.3 (RFC 1042) fJfvfZf<%o»,l,Ç,ç,ðŽg,æ,©,ðŽw’è,μ,Û,·B1 ,ðŽw’è,·,é,Æ[]AfNf
%ofCfAf“fg,Í RFC 1042 fJfvfZf<%o»,ðŽg,ç,Û,·B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,Í RFC 894
fJfvfZf<%o»,ðŽg,ç,Û,·B

TCP fpf%of[]f^

TCP fpf%of[]f^,îê—,íAŽŸ,ì,Æ, ",è,Å,·B,±,ê,ç,ìfjfvfj†“,íAfCf“f^[]ftfFfCfX,²,Æ,ì TCP ‘w,ì“®[],É %œ<ç,μ,Û,·B

37 = ffftHf<fg TTL flfvfj†“

fNf%ofCfA†“fg,³ATCP fZfOf[]“fg,ð’—M,·,é,Æ,«,ÉŽg,αŠù’è,ì TTL (Time-To-Live[]F []‘[]ŽžŠÔ) ,ðŽw’è,μ,Û,·BfjNfefbj†g,ìÅ[]-’l,í 1 ,Å,·B

38 = fL[]fvfA†%ofCfuŠÔŠu

fNf%ofCfA†“fg TCP ,²AfL[]fvfA†%ofCfu f[]fbfZ[]fW,ð TCP []Ú’±[]ă,É’— []M,·,é’O,É’ò<@,·,éšÔŠu,ð•b[]”,ÅŽw’è,μ,Û,·B0 ,ðŽw’è,·,é,Æ[]A’Á,ÉfAfvfŠfP[]fVfj†“,©,ç,ì— v<[],³,È,çEÀ,è[]AfNf%ofCfA†“fg,íL[]fvfA†%ofCfu f[]fbfZ[]fW,ð[]Ú’±[]ă,É’—[]M,μ,Û,¹,ñ[]B

39 = fL[]fvfA†%ofCfu fKfx[]fW

fNf%ofCfA†“fg,³A^È’O,ìfo[]fWfj†“,ìŽÀ’•,Æ,ìCEŸŠ·[]«,ð•Û,Å,½,β,É[]ATCP fL[]fvfA†%ofCfu f[]fbfZ[]fW,ÉfKfx[]fW ff[]f^ flfNfefbj†g,ð•t, -,Ä’—[]M,·,é,©,ç,α,©,ðŽw’è,μ,Û,·B1 ,ðŽw’è,·,é,Æ[]AfKfx[]fW flfNfefbj†g,³—[]M,³,é,Û,·B0 ,ðŽw’è,·,é,Æ[]AfKfx[]fW flfNfefbj†g,í’— []M,³,é,Û,¹,ñ[]B

fCf“f^[]ftfFfCfX,²,Æ,lfAfvfŠfP[]fVf#f““wfpf%of[]f^

fAfvfŠfP[]fVf#f““wfpf%of[]f^,îê—,í[]AZŸ,ì,Æ,“,è,Å,·[]B,±
.é,ç,lfifvfVf#f“,í[]AfAfvfŠfP[]fVf#f“,“,æ,ŇfT[]fX,ì[]- ,ÉŽg,ç,Ü,·[]B

fAfXf^fŠfXfN (*) ,ª•t,ç,Ä,ç,élfifvfVf#f“,Å,í[]A^ê—,ì[]æ“ª,©,ç‘l,ªŽg,í,ê,é,½,ß[]AZg—
p,·,é[]‡,É‘l,ðŽw‘è,μ,Û,·[]B

40 = NIS fhf[]fCf“ -¼

NIS (Network Information Service[]F flfbfgf[]fN[]i•ňfT[]fX) fhf[]fCf“,ì-¼‘O,ð ASCII •¶Žš—
ň,ÅŽw‘è,μ,Û,·[]B

41 = NIS fT[]fo[]

fNf%ofCfAf“fg,ª—~—p,Å,«,é NIS fT[]fo[],ì IP fAfhf[]fX,îê—,ðŽw‘è,μ,Û,·[]B*

42 = NTP fT[]fo[]

fNf%ofCfAf“fg,ª—~—p,Å,«,é NTP (Network Time Protocol[]F flfbfgf[]fN f^fCf€ fvf[]fgfRf<)
fT[]fo[],ì IP fAfhf[]fX,îê—,ðŽw‘è,μ,Û,·[]B*

,Æ,Í,Å,«,Ü,¹,ň□B

59 = □ÄCE<□‡ (T2) ŽžŠŎ'I ()**

fAfhfCEfX,ðŠ,,è“-,Ä,Ä,©,ç□AfNf

%ofCfAf“fg,ª□ÄCE<□‡□ó'Ô,É,È,é,Ü,Ä,ìŽžŠŎ,ð•b'P^Ê,ÅŽw'è,μ,Ü,·□B□ÄCE<□‡ŽžŠŎ,í□AfŠ□[fXŠúŠŎfjf

vfvf‡f“,ì^è<@“\,Ä,·□B,±,è,í□A[fXfR□[fv,ì□ì□-] f_fCfAf□fO f{fbfNfX,Ü,½,í [fXfR□[fv,ìfv□fpfefB]

f_fCfAf□fO f{fbfNfX,Å'è<` ,μ,Ü,·□B'¼□Ú□A[DHCP fìfvfvf‡f“] f_fCfAf□fO f{fbfNfX,Å□Ý'è,·,é,±

,Æ,Í,Å,«,Ü,¹,ň□B

DHCP fNf%oCfAf“fg,İŞÇ—□,É,Â,ç,Ä

ŞÇ—□ŽÒ,ªfXfR□[fv,ðŠm—š,µ□A—~—p%oÂ“\,È IP fAfhfCEfX,ì“í^í,“,æ,Ñ□œŠO,·,é IP
fAfhfCEfX,ì“í^í,ð'è<`,µ,½CEã,Í□ADHCP ,ð—~—p%oÂ“\,ÈfNf%oCfAf“fg,Í TCP/IP ,ìŽ ©“®□\
□-,ìfT□[fxfX,ðŽg,çŽn,ß,é,±,Æ,ª,À,«,Ü,·□B

DHCP f}f□[fWff,ðŽg,ª,Æ□ACEÂ•Ê,ìfNf%oCfAf“fg fŠ□[fX,ðŞÇ—□,À,«,Ü,·□BfNf%oCfAf“fg,ì—\—ñ,ì'Ç
%oÁ,âŞÇ—□,È,Ç,à,À,«,Ü,·□B

fNf%ofCfAf“fg fŠ[fX,đŠÇ—□,·,é

DHCP fT□[fo□[.É,æ.Á,ÄŠ,,è“- .Ä,ç,è,½ IP fAfhfCEfX,İfŠ□[fX,É,İ□A—LCEøŠúCEÀ,ª, ,è,Ü,·□BfNf
%ofCfAf“fg,ª□AŠ,,è“- .Ä,ç,è,½ IP fAfhfCEfX,đ—LCEøŠúCEÀ,İCEä,àŽg,ç‘±, ,é,½,ß,É,İ□AfŠ□[fX,İ□‘,«Š,·İ
(□X□V) ,đ□s,ı,É, ,è,İ,È,è,Ü,¹,ñ□BDHCP f}fİ□[fWff,đŽg,ª,Æ□A‘Á‘è,İ DHCP fNf
%ofCfAf“fg,İfŠ□[fXŠúŠÖ,È,Ç,İ□İ•ñ,đ•\Žİ,Á,«,Ü,·□B,Ü,½□A—\—ñ□İ,Ý DHCP fNf%ofCfAf“fg,İ□□—,İ□Ý‘è,đ‘Ç
%oÁ,Ü,½,İ•İ□X,·,é,±,Æ,à,Ä,«,Ü,·□B

CE»□Ý‘İ‘đ,µ,Ä,ç,é,ÉfXfR□[fv“à,İfAfNfefBfu,ÈfŠ□[fX,É,Á,ç,Ä,İ□İ•ñ,İ□A[fAfNfefBfu fŠ□[fX] f_fCfAf□fO
f{fbfNfX,É•\Žİ,³,è,Ü,·□B[fAfNfefBfu fŠ□[fX] f_fCfAf□fO f{fbfNfX,É,İ□ACEÀ•È,İfŠ□[fX,Æ—\—
ñ,ÉŠÖ,·,é□İ•ñ,¾, ,Ä,È,□AfXfR□[fv“à,İfAfhfCEfX,İ□□□□AfAfNfefBfu%o»,µ,Ä,ç,é,©□æŠÖ,³,è,Ä,ç
,é,½,ß,ÉCE»□Ý—~—p,Ä,«,É,çfAfhfCEfX,İ□□,Æ,» ,İŠ,,□□A, ,æ,ÑCE»□Ý—~—p%oÁ“\
,ÉfAfhfCEfX,İ□□,Æ,» ,İŠ,,□□,à•\Žİ,³,è,Ü,·□B

fAfNfefBfu,ÈfŠ□[fX,Æ□æŠÖ,³,è,½fAfhfCEfX,İ,Ü,Æ,ß,ÄfJfEf“fg,³,è,é,İ,Ä□AfAfNfefBfu,ÈfŠ□[fX,¾, ,É,Á,ç
,Ä,İ□İ•ñ,İ“¾,ç,è,É,ç,±,Æ,ª, ,è,Ü,·□BfXfR□[fv,ª“ñfAfNfefBfu%o»,³,è,Ä,ç,é,Æ,« ,É [fAfNfefBfu/□æŠÖ] ,É•\
Žİ,³,è,é,ÉfJfEf“fg□□,İ□□æŠÖ,³,è,½fAfhfCEfX,¾, ,đ“½%of,·,é,İ,Ä□AfAfNfefBfu,ÈfŠ□[fX,İ□□,Æ—\—
ñ,İ□□,đ‘², x,é,É,İ□AfXfR□[fv,đfAfNfefBfu%o»,·,é‘O,ÆCEä,Ä□A[fAfNfefBfu/□æŠÖ] ,É•\
Žİ,³,è,é,ÉfJfEf“fg□□,đ“äŠr,µ,Ä,,¾,¾,¾,ç□B

fŠ□[fX,İ□AŠúCEÀ,ª□ø,è,½CEä,Ä,à-ñ 1 “úŠÖ DHCP fT□[fo□[.É•ÜŽ□,³,è,Ä,ç,Ü,·□B,±,İ—P—\
ŠúŠÖ,É,æ,Á,Ä□AfNf%ofCfAf“fg,ÆfT□[fo□[.É‘Ü,È,é,Éf^CfE f]□[f^ ,ª□Ý‘è,³,è,Ä,ç,½,è□A2 ,Ä,İfRf“fsf...
□[f^ ,İŽžEv,İ□Ý‘è,ª^Ü,È,Á,Ä,ç,½,è,µ,½□è□□A,Ü,½,İfŠ□[fX,İŠúCEÀ,ª□ø,è,½,Æ,« ,ÉfNf%ofCfAf“fg
fRf“fsf...□[f^ ,ªfİfbf□□[fN,É□Ú‘±,µ,Ä,ç,È,© ,Á,½□è□□,É□AfNf
%ofCfAf“fg,İfŠ□[fX,ª•ÜCEİ,³,è,Ü,·□BŠúCEÀ□ø,è,İfŠ□[fX,İ□A[fAfNfefBfu fŠ□[fX] f_fCfAf□fO f{fbfNfX,İ
[fAfNfefBfu/□æŠÖ] fJfEf“fg□□ ,ÉŠÜ,ß,ç,è□A“Žž,ÉfAfNfefBfu,ÉfNf%ofCfAf“fg,İ^è—
,É,àŠÜ,ß,ç,è,Ü,·□BŠúCEÀ□ø,è,İfŠ□[fX,İfAfCfRf“ ,İ□A‘W□F•\Žİ,³,è,Ü,·□B

fXfR□[fv“à,İ DHCP fNf%ofCfAf“fg,İfŠ□[fX,İ□İ□æ,Ä,« ,Ü,·□BŠú□[fX,İ□İ□æ,ª•K—v,É,È,é,İ,İ□AZâ,É□AIP
fAfhfCEfX,İ□æŠÖ,âfNf%ofCfAf“fg,İ—\—
ñ,đ□s,ª□è□□,É□A ϵ □□, ,é,ÉfŠ□[fX,đ□İ□æ,·,é,Æ,« ,Ä,·□BfŠ□[fX,đ□İ□æ,·,é,Æ□AfŠ□[fX,ªŠúCEÀ□ø,è,É,È,Á,½,Æ,
« ,Æ“ ,□□‘O,É,È,è,Ü,·□B,Ä,Ü,è□AfNf%ofCfAf“fg fRf“fsf...□[f^ ,İ□AZŽ‘%oñ‘N“® ,·,é,Æ,« ,É□%Šú
%o»□ó‘O,É‘Ú□s,µ□ADHCP fT□[fo□[.©,ç□V,µ,ç TCP/IP ,İ□\
□—□İ•ñ,đŽæ“¾,µ,È, ,è,İ,È,è,Ü,¹,ñ□B,½,¾,µ□A,» ,İfNf%ofCfAf“fg,ª□Ä,Ñ“ ,□ IP
fAfhfCEfX,đ□V κ fŠ□[fX,Æ,µ,ÄŽæ“¾,·,é,±,Æ,ª \cdot ÖŽ~ ,³,è,Ä,ç,é,İ, ,Ä,Í, ,è,Ü,¹,ñ□B,±,İ,½,ß□AfNf
%ofCfAf“fg,ªŽŸ,İfŠ□[fX,đ—v□□,·,é‘O,É□A,» ,İfAfhfCEfX,đ—~—p,Ä,« ,É,ç,æ,ª,É,µ,Ä, ,•K—v,ª, ,è,Ü,·□B

□İ□æ,µ,Ä,à,æ,çfGf“fgfŠ,İ□AŠ,,è“- .Ä,ç,è,½ DHCP fŠ□[fX,đŽg,Á,Ä,ç,È,çfNf
%ofCfAf“fg,©□A,Ü,½,İ,·,® ,É□V,µ,çfAfhfCEfX,đ□Ý‘è,·,é,±,Æ,É,È,Á,Ä,ç,ÉfNf
%ofCfAf“fg,İfGf“fgfŠ,¾, ,Ä,·□BfAfNfefBfu,ÉfNf
%ofCfAf“fg,İfGf“fgfŠ,đ□İ□æ,·,é,Æ□A□İ□æ,³,è,½fAfhfCEfX,ª□V κ fAfNfefBfu fNf%ofCfAf“fg,ÉŠ,,è“-
,Ä,ç,è,é□è□□,ª, ,é,½,ß□Afİfbf□□[fN□ä,Ä IP fAfhfCEfX,ª□d•ı,·,é,±,Æ,ª, ,è,Ü,·□BfNf
%ofCfAf“fg,İfŠ□[fX,đ□İ□æ,µ,Ä□A—\—ñ,Ü,½,İ□æŠÖ,đ□Ý‘è,µ,½CEä,İ□A•K, ,fNf%ofCfAf“fg fRf“fsf...□[f^ □ä,Ä
ipconfig /release ,đŽÄ□s,µ□AfNf%ofCfAf“fg,İ IP fAfhfCEfX,đ%đ•ú,µ,Ä,,¾,¾,¾,ç□B

fNf%ofCfAf“fg fŠ□[fX□İ•ñ,đ•\Žİ,·,é,É,İ

- 1 [DHCP f}fİ□[fWff] fEfBf“fhfE,İ [DHCP fT□[fo□[.É^è— ,Ä□AfNf%ofCfAf“fg□İ•ñ,đ•\
Žİ,Ü,½,İ•İ□X,·,é,ÉfXfR□[fv,đfNfŠfbfN,µ,Ü,·□B
- 2 [fXfR□[fv] f□fİf...□[.İ [fAfNfefBfu fŠ□[fX] ,đfNfŠfbfN,µ,Ü,·□B
- 3 [fNf%ofCfAf“fg] ^è— ,ÄfŠ□[fX,đ•\Žİ,·,é,ÉfRf“fsf...□[f^ ,đ‘İ‘đ,µ□AZŽ,É [fvf□fPfefB] ,đfNfŠfbfN,µ,Ü,·□B
—\—ñ IP fAfhfCEfX,đŽg,Á,Ä,ç,é,ÉfNf%ofCfAf“fg,¾, ,đ•\Žİ,·,é,É,İ□A[—\—ñ□İ•ñ,İ,Ý,đ•\Žİ,·,é] f fFfbfN
f{fbfNfX,đfİf“ ,É,µ,Ü,·□B
- 4 [fNf%ofCfAf“fg,İfvf□fPfefB] f_fCfAf□fO f{fbfNfX,É□A[^è^O,İ ID] ,à [fŠ□[fX,İŠúCEÀ] ,È,Ç,İfNf
%ofCfAf“fg□İ•ñ,ª•\Žİ,³,è,Ü,·□B

'l,đ•Ò□W,Å,«,é,ì,í□A—\—ñ IP fAfhfCEfX,đŽ□,ÂfNf%ofCfAf“fg,ì□ê□‡,¾,¯,Å,·□B,Û,½□A[fNf %ofCfAf“fg,ìfvf□fpfefB] f_fCfAf□FO f{fbfNfX,Å [fìfvfVf‡f“] ,đfNfŠfbfN,Å,«,é,ì,à□A—\—ñ IP fAfhfCEfX,đŽ□,ÂfNf%ofCfAf“fg,ì□ê□‡,¾,¯,Å,·□B[fNf%ofCfAf“fg,ìfvf□fpfefB] f_fCfAf□FO f{fbfNfX,ì [fìfvfVf‡f“] ,ì□Ú□×,É,Å,ç,Ä,í□A□u—\—ñ—p,ìfìfvfVf‡f“,đ'è<`.,:é□v,đŽQ□Æ,μ,Å,,¾,³,ç□B

fNf%ofCfAf“fg,ìfŠ□[fX,đ□í□œ,·,é,É,í

- 1 [fNf%ofCfAf“fg] ^ê——,Å□AfŠ□[fX,đŽæ,è□Á,·fNf%ofCfAf“fg fŠ□[fX,đfNfŠfbfN,μ□AŽÿ,É [□í□œ] ,đfNfŠfbfN,μ,Û,·□B
- 2 ,» ,ì IP fAfhfCEfX,đ—\—ñ,·,é,©□A,Û,½,í“í^í,©,ç□œŠO,μ,Û,·□B
- 3 fNf%ofCfAf“fg fRf“fsf...□[f^,ìfRf}f“fh fvf□f“fvfg,Å□A **ipconfig /release** ,Æ“ü—í,μ□AfNf %ofCfAf“fg,ìŠù‘¶,ìfŠ□[fX,đ%ođ•ú,μ,Û,·□B
- 4 •K—v,É%ož,¶,Ä□AfNf%ofCfAf“fg fRf“fsf...□[f^,ìfRf}f“fh fvf□f“fvfg,Å **ipconfig /renew** ,Æ“ü—í,μ□AfNf %ofCfAf“fg,É□V,μ,ç IP fAfhfCEfX,đ—^,ì,Û,·□B

fNf%ofCfAf"fg—\—ñ,đŠÇ—□,·,é

fNf%ofCfAf"fg,ì,½,ß,É"Á'è,ì IP fAfhfCEfX,đ—\—ñ,Á,«,Ü,·□B^è"É,É□AfNf%ofCfAf"fg,ª□A·É,ì·ù-
@,É,æ,Á,ÄŠ,,è"—,Ä,ç,è,½ IP fAfhfCEfX,đŽg,Á,Ä TCP/IP ,đ□□—,µ,Ä,ç,é□é□±,ì□A,±,ìfAfhfCEfX,đ—\—ñ,·,é·K
—v,ª, ,è,Ü,·□B

·□",ì DHCP fT□[fo□[,ª□A"~^è,ìfXfR□[fv,ÉfAfhfCEfX,đ"z·z,µ,Ä,ç,é□é□±,ì□A,»,è,¼,è,ì DHCP fT□[fo□[□ä,ìfNf
%ofCfAf"fg—\—ñ,ì"~^è,Á, ,é·K—v,ª, ,è,Ü,·□BfNf%ofCfAf"fg—\—ñ,ª^ù,É,é□é□±,ì□ADHCP —\—ñ□ì,ÝfNf
%ofCfAf"fg,ªŽó, Žæ,é IP fAfhfCEfX,ì□A%ž"š,µ,½fT□[fo□[,É,æ,Á,Ä^ù,È,é,±,Æ,É,È,è,Ü,·□B

fNf%ofCfAf"fg,É—\—ñ,µ,½ IP fAfhfCEfX,đ·ì□X,·,é□é□±,ì□ACE»Ý,ì—\—ñfAfhfCEfX,đ□í□æ,µ,Ä,©,ç□A□V,µ,ç
—\—ñ,đ'Ç%oÁ,µ,È, ,è,ì,È,è,Ü,¹,ñ□B—\—ñ,³,è,½fNf%ofCfAf"fg,ì,»,ì'¼,ì□î·ñ,ì□A—\—ñ IP
fAfhfCEfX,đ·ÜŽ□,µ,½,Ü,Ü,Á·ì□X,Á,«,Ü,·□B

CE»Ý·É,ìfNf%ofCfAf"fg,ªŽg,Á,Ä,ç,é fAfhfCEfX,đ—\—ñ,µ,½□é□±□AfAfhfCEfX,ªŽ©"®"ì,É%ođ·ú,³,è,é,í, ,Á,ì,
è,Ü,¹,ñ□BfNf%ofCfAf"fg,É□V,µ,çfAfhfCEfX,đ—\—ñ,·,é□é□±,à□AfNf%ofCfAf"fg,ªCE»ÝŽg,Á,Ä,ç
é fAfhfCEfX,Æ^ù,È,é fAfhfCEfX,đ—\—ñ,·,é□é□±,ì□ADHCP fT□[fo□[,ª,»,ìfAfhfCEfX,ìfŠ□[fX,đ□s,Á,Ä,ç,É,è,
©,Ç,κ,©,đŠm" F,·,é·K—v,ª, ,è,Ü,·□BfAfhfCEfX,ªŽg,ì,è,Á,ç,é□é□±□AfAfhfCEfX,đŽg,Á,Ä,ç,é fNf
%ofCfAf"fg,ì□A%ođ·ú—v□,đ"□s,µ,Ä□AfAfhfCEfX,đ%ođ·ú,µ,È, ,è,ì,È,è,Ü,¹,ñ□BfAfhfCEfX,đ
%ođ·ú,·,é,É,ì□AfNf%ofCfAf"fg fRf"fsf...□[f^ ,ìfRf}f"fh fvf□"fvfg,Á **ipconfig /release** ,Æ"ü—
ì,µ,Ü,·□BMS-DOS ,đŽg,Á,Ä,ç,é fNf%ofCfAf"fg,à□A^è"·",ìfT□[fH f□[fefB□»ìfYfCE□[fefBf"fo fvfXfefè
đŽg,Á,Ä,ç,é fNf%ofCfAf"fg,Á,ì□A·ì□X,µ,½Ý'è,đ—LCEø,É,·,é,½,ß,É□Ä^N"® ,·,é·K—v,ª, ,è,Ü,·□BfNf
%ofCfAf"fg,ª^È'ÓŽg,Á,Ä,ç,½fAfhfCEfX,ì—\—ñ,³,è,Ä,ç,é,ì,Á□AfNf
%ofCfAf"fg,É,ì^ù,È,é fAfhfCEfX,ª□Ý'è,³,è,Ü,·□B

·Ü,½□AfAfhfCEfX,đ—\—ñ,µ,Ä,à□AfNf%ofCfAf"fg,É,»,ìfAfhfCEfX,ªŽ©"®"ì,É□Ý'è,³,è,é,í, ,Á,ì, ,è,Ü,¹,ñ□B,±
ì□é□±,à□AfNf%ofCfAf"fg,ì□',«Š·,ì—v□,đ"□s,·,é·K—v,ª, ,è,Ü,·□BfNf%ofCfAf"fg fRf"fsf...□[f^ ,ìfRf}f"fh
fvf□"fvfg,Á **ipconfig /renew** ,Æ"ü—ì,µ□AZŽ,É□A·K—v,É%ož,ñ,ÄfRf"fsf...□[f^ ,đ□Ä^N"® ,µ,Ä,-
¾,¾,ç□BDHCP fT□[fo□[,ì□A,»,ìfNf%ofCfAf"fg,ª—\—ñ,³,è,½fAfhfCEfX,đŽg,Á,Ä,ç,é,±,Æ,đŠm" F,µ□AfNf
%ofCfAf"fg,É,»,ìfAfhfCEfX,đ□Ý'è,µ,Ü,·□B

DHCP f}f□[fwff,Á IP fAfhfCEfX,đ—\—ñ,µ,½CEä,ì□AfNf%ofCfAf"fg fRf"fsf...□[f^ ,đ□Ä^N"® ,µ□A□V,µ,ç IP
fAfhfCEfX,ÁfRf"fsf...□[f^ ,đ□Ä□□—,µ,Ä,¾,¾,ç□B

fNf%ofCfAf"fg,ì—\—ñ,đ'Ç%oÁ,·,é,É,í

- 1 [fXfR□[fv] f□fj...□[,ì [—\—ñ,ì'Ç%oÁ] ,đfNfŠfbfN,µ,Ü,·□B
- 2 □Ä□%o,ì—\—ñ□ì,ÝfNf%ofCfAf"fg,đŽ~·É,·,é,½,ß,ì□î·ñ,đ"ü—ì,µ,Ü,·□B
 - [IP fAfhfCEfX] f{fbfNfX,É,ì□A—\—ñfAfhfCEfX fvf□[f<"à,É, ,é fAfhfCEfX,đŽw'è,µ,Ü,·□B—\—ñ□ì,Ý,Á—çŽg—
p,ì" C^Ó,ì IP fAfhfCEfX,đŽw'è,Á,«,Ü,·□B□d·j,·,é fAfhfCEfX,Ü,½,ì—\—ñ,³,è,Ä,ç,É,ç fAfhfCEfX,đ"ü—
ì,·,é,Æ□ADHCP f}f□[fwff,É,æ,Á,ÄCEx□□,ª·\Ž!,³,è,Ü,·□B
 - [^è^Ó,ì ID] f{fbfNfX,É,ì□AfNf%ofCfAf"fg fRf"fsf...□[f^ ,ìfìfbfgf□□[fN fAf_fvf^ f□[fh,ì MAC (Media
Access Control) fAfhfCEfX,đŽw'è,µ,Ü,·□BMAC fAfhfCEfX,ì□AfNf%ofCfAf"fg fRf"fsf...□[f^ ,ìfRf}f"fh
fvf□"fvfg,Á **net config wksta** ,Æ"ü—ì,·,é,ÆŠm" F,Á,«,Ü,·□B
 - [fNf%ofCfAf"fg-¼] f{fbfNfX,É,ì□AfNf%ofCfAf"fg,ìfRf"fsf...□[f^ -¼,đŽw'è,µ,Ü,·□BfRf"fsf...□[f^ -
¼,ìŽ~·É,ì,½,ß,¾, ,ÉŽg,ì,è□AfNf%ofCfAf"fg,ìŽÄ□Ü,ìfRf"fsf...□[f^ -¼,É,ì%oè< ,µ,Ü,¹,ñ□B
 - [fNf%ofCfAf"fg fRf□"fg] f{fbfNfX,É,ì□AfNf%ofCfAf"fg,đ□à-¾,·,é" C^Ó,ìfefLxfg,đ"ü—ì,µ,Ü,·□BfNf
%ofCfAf"fg fRf□"fg,ì□É—ª,Á,«,Ü,·□B

3 ['Ç%oÁ] ,đfNfŠfbfN,µ□ADHCP ff□[f^ fX□[fX,É—\—ñ,đ'Ç%oÁ,µ,Ü,·□B,Ü,©,É,à'Ç%oÁ,·,é—\—
ñ,ª, ,é□é□±,ì□Af_fCfAf□fo f{fbfNfX,đ·Á,ñ, ,É—\—ñ,đ'Ç%oÁ,Á,«,Ü,·□B

—\—ñ IP fAfhfCEfX,đ·ì□X,·,é,É,í

- 1 [fAfNfefBfu fŠ□[fX] f_fCfAf□fo f{fbfNfX,Á□A·ì□X,·,é—\—ñ IP fAfhfCEfX,đfNfŠfbfN,µ,Ü,·□BŽŽ,É□A□[□œ]
,đfNfŠfbfN,µ□A[OK] ,đfNfŠfbfN,µ,Ü,·□B
- 2 [fXfR□[fv] f□fj...□[,ì [—\—ñ,ì'Ç%oÁ] ,đfNfŠfbfN,µ□AZŽ,É□A□V,µ,ç—\—ñ,ì□î·ñ,đ"ü—ì,µ,Ü,·□B□Ü□x,É,Á,ç
,Á,ì□A□ufNf%ofCfAf"fg,ì—\—ñ,đ'Ç%oÁ,·,é,É,ì□v,đŽQ□Æ,µ,Ä,¾,¾,ç□B

—\-ñï,ÝfNf%ofCfAf“fg,ìŠî- {ï•ñ,ð•ïX,.,é,É,Í

1 [fXfR[fv] f[]fj...[][,ì [fAfNfefBfu fŠ[]fX] ,ðfNfŠfbfN,μ,Û,·[]B

2 [fNf%ofCfAf“fg] ^è—,Ä[]A•ïX,.,é—\-ñï,ÝfNf%ofCfAf“fg,ðfNfŠfbfN,μ[]AZÿ,É [fvf[]pfefB] ,ðfNfŠfbfN,μ,Û,·[]B

3 [fNf%ofCfAf“fg,ìfvf[]pfefB] f_fCfAf[]fO f{fbfNfX,Ä[]A[^è^Ó,ì ID]A[fNf%ofCfAf“fg-¼]A,Û,½,Í [fNf %ofCfAf“fg fRf[]“fg] f{fbfNfX,ì“à—e,ð•ïX,μ[]AZÿ,É [OK] ,ðfNfŠfbfN,μ,Û,·[]B[fNf %ofCfAf“fg,ìfvf[]pfefB] f_fCfAf[]fO f{fbfNfX,Ä'ì,ð•ïX,Ä,«,é,ì,ìA—\-ñï,ÝfNf %ofCfAf“fg,ìé[]‡,¾,¯,Ä,·[]B

'[]

■ —\-ñï,ÝfNf%ofCfAf“fg,ì[]\-fjpf%of[]f^,ð'è<`.,é DHCP flfvfVf[]f“ f^fCfv,ð•\ Ž,μ,½,è[]A•ïX,μ,½,è,.,é,±,Æ,à,Ä,«,Û,·[]B[]Ü[]x,É,Â,ç,Ä,Í[]A[]u—\-ñ—p,ìfvfVf[]f“,ð'è<`.,é[]v,ðŽQ[]Æ,μ,Ä,- ,¾,¾,ç[]B

[íœ]

'I'ð,μ,½ DHCP fT[fo[,ð [DHCP f}f![]fWff] fEfBf“fhfE,î^ê—,©,çíœ,μ,Û,·B

[DHCP fT[fO[l,ì'Ç%Á]

[DHCP fT[fO[l,ì'Ç%Á] f_fCfAfO f{fbfNfX,íAÚ'±,·,é DHCP fT[fO[l,ì-¼'O,ðŽw'è,·,é,Æ,«,ÉŽg,¢
,Ü,·B,±,ìf_fCfAfO f{fbfNfX,íA[fT[fO[] fffj...[ì [Ç%Á] ,ðNfŠfbfN,μ,½,Æ,«,É•Ž!,³,é,Ü,·B

DHCP fT[fO[l,ð^ê—,É'Ç%Á,·,é,É,Í

▶ DHCP fT[fO[l,ì-¼'O,Ü,½,Í IP fAfhfEfX,ð“ü—Í,μAZÿ,É [OK] ,ðNfŠfbfN,μ,Ü,·B

[fXfR[fv, ð] -] ,Æ [fXfR[fv, ð] fpfefB]

[fXfR[fv, ð] -] f_CfAfO f{fbfNfX, íAftfufbfg, ðV<KfXfR[fv, ð] - , , é, Æ, «, ÉŽg, č, Ü, ·B, ± , ðfNfŠfbfN, μ, ½, Æ, «, É•Ž, ³, é, Ü, ·B

[fXfR[fv, ð] fpfefB] f_CfAfO f{fbfNfX, íAftfufbfg, ðV<KfXfR[fv, ð] - , , é, Æ, «, ÉŽg, č, Ü, ·B, ± , ðfNfŠfbfN, μ, ½, Æ, «, É•Ž, ³, é, Ü, ·B

€-Ú

[P fAfhfEfX fv[f<] , ð [Š]ŽnfAfhfEfX] ,Æ [—¹fAfhfEfX]

[Tfufbfg f}fXfN]

[œŠO"íí] , ð [Š]ŽnfAfhfEfX] ,Æ [—¹fAfhfEfX]

[œŠO, .éfAfhfEfX]

[Š[fXŠúŠÖ] , ð [-³ŠúÈÀ] ,Æ [ŠúŠÖ]

[-¹/₄'O]

[Rf"fg]

[fš [fXšúšô] , ì [-³šúĉÈÀ] , Æ [šúšô]

, ±, ìfXfR [fv, ìfš [fX, ì—LĉøšúĉÈÀ, º∅, ê, È, ĉ, æ, x, É, ·, é∅ê±, íA[-³šúĉÈÀ] , ðfNfšfbfN, μ, Ů, ·B

, ±, ìfXfR [fv, ìfš [fX, ì—LĉøšúĉÈÀ, ð'è<, ·, é, É, íA["ú]A[žžšô]A, ", æ, Ñ [•º]

, ìšef {fbfNfX, ÅAfš [fX, º'¶±, ·, é"ú"AZžšô" A, ", æ, Ñ•º", ðžw'è, μ, Ů, ·B

[fTfufifbfg ID]

,±,ìfXfR[]fv,ÉŠÖ~A•t,¯,ç,ê,½fTfufifbfg,đŽ~•Ê,·,é,É,í[]A[fTfufifbfg ID]
f{fbfNfX,É[]AŠÖ~A,·,éfTfufifbfg,ì[]Å[]%,ì IP fAfhfCEfX,đ"ü—í,μ,Ü,·[]B

[fTfuflfbfg f}fXfN]

[fTfuflfbfg f}fXfN] f{fbfNfX,É□AŠÖ~A,·,éTfuflfbfg,ìTfuflfbfg f}fXfN,ð“ü—í,μ,Û,·□B

fTfuflfbfg f}fXfN,ì'í,í□AClass A fAfhfCEfX,ì□ê□#,í 255.0.0.0□AClass B fAfhfCEfX,ì□ê□#,í
255.255.0.0□AClass C fAfhfCEfX,ì□ê□#,í 255.255.255.0 ,É,È,è,Û,·□B

[IP fAfhfCefX fv[f<] ,ì [ŠJŽnfAfhfCefX] ,Æ [□I—¹fAfhfCefX]

,±,ìfXfR□[fv,Å—~—p,Å,«,é IP fAfhfCefX,ì—LCEø"í^í,ð'è<` ,·,é,É,í□A[ŠJŽnfAfhfCefX] f{fbfNfX,Æ [□I—¹fAfhfCefX] f{fbfNfX,É□AIP fAfhfCefX"í^í,ì□æ"ª,ìfAfhfCefX,Æ--"ö,ìfAfhfCefX,ð"ü—í,μ,Ü,·□B

[ŠJŽnfAfhfCefX] f{fbfNfX,·,æ,Ñ [□I—¹fAfhfCefX] f{fbfNfX,É"ü—í,μ,½fAfhfCefX,à□Afv□[f<,ÉŠÜ,Ü,é,Ü,·□B
fv%ofCf}fŠ fT□[fo□[□ä,ÅfXfR□[fv,ðfAfnfefBfu%o» ,·,é,É,í□A,±,ì□î•ñ,ð"ü—í,μ,É,·,é,î,È,è,Ü,¹,ñ□B

[œŠO"íí] ,ì [ŠŽnfAfhfĀfX] ,Æ [I—¹fAfhfĀfX]

- IP fAfhfĀfX fv[f<"íí"à,ìœŠOfAfhfĀfX,đ'è<` ,.é,É,íA[œŠO"íí] fRf"fgf[f<,đŽg,ĉ,Ü,·B
œŠO"íí,ìæ"ª,ì IP fAfhfĀfX,đ [Š]ŽnfAfhfĀfX] f{fbfNfX,É"ü—í,μAœŠO"íí,ì--"ö,ì IP
fAfhfĀfX,đ [I—¹fAfhfĀfX] f{fbfNfX,É"ü—í,μ,Ü,·BŽY,ÉA[Ç%Á]
,đNfŠfbfN,μ,Ü,·B,Ü,©,É,àœŠO"íí,ª, ,é,íA" ,¶•ù-@,Á'è<` ,μ,Ü,·B
 - 'P^ê,ì IP fAfhfĀfX,đœŠO,·,é,É,íAœŠO,·,é IP fAfhfĀfX,đ [Š]ŽnfAfhfĀfX] f{fbfNfX,É"ü—
í,μ,Ü,·B[I—¹fAfhfĀfX] f{fbfNfX,íA<ó,ì,Ü,Ü,É,μ,Ä, ",«,Ü,·B
- ,Ü,©,ì DHCP fT[fó[A"ň DHCP fNf%ofCfAf"fg[AffBfXfNfĀfX f[fNfXfe[fVf#f"A,Ü,½,í RAS fNf
%ofCfAf"fg,È,Ç,ÉŽè"® ,ÅŠ,,è"- ,Ä,½ IP fAfhfĀfX,íA,· ,x,ÄœŠO"íí,Æ,μ,Ä'è<` ,μ,Ä, ",•K—v,ª, ,è,Ü,·B,±
,ê,ç,ìfAfhfĀfX,íADHCP ,É,æ,éŽ©"®[~—,É,í—~—p,Å,«,Ü,¹,ňB

[ŠO, .éfAfhfEfX]

IP fhfhfEfX,đíœ, .,é,É,íAíœ, .,é IP fhfhfEfX,đNfŠfbfN,μAZŸ,É [íœ] ,đNfŠfbfN,μ,Ü, .B

[-¼'Ö]

128 •¶Žš,Ü,Å,İfXfR□[fv-¼,ð“ü—Í,μ,Ü,·□B

fTfufjfbfg,ð•\,“C^Ó,İ-¼'Ö,ðŽw'è,Å,«,Ü,·□BfXfR□[fv-¼,É,Í□A%opŽš□A□”Žš□A,“,æ,ŃfñfCftf“,ðŽg—
p,Å,«,Ü,·□B

[fRf“fg]

,±,ìfXfR[fv,ðà-¾,·,é”C^Ó,ì•¶Žš—ñ,ð“ü—í,μ,Û,·B

[•À,×'Ö,;]

[fNf%ofCfAf“fg] ^ê——,đ IP fAfhfĀfX□‡,É•\Ž!,. ,é,ĀE,«,í□A[IP fAfhfĀfX□‡,ÉfŠ□[fX,đ•À,×'Ö,;,é]
,đfNfŠfbfN,μ,Ü,·□B

DNS -¼□‡,É•\Ž!,. ,é,ĀE,«,í□A[-¼'O□‡,ÉfŠ□[fX,đ•À,×'Ö,;,é] ,đfNfŠfbfN,μ,Ü,·□B

[fAfNfefBfu fŠ[fX]

,±,lf_cCfAf□FO f{fbfNfX,í□A[DHCP f}fí□[fWff] fEfBf“fhfE,Å'!‘ð,μ,½fXfR□[fv,lfNf%ofCfAf“fg□î•ñ,ð•\
Ž|,Ü,½,Í•í□X,·,é,Æ,«,ÉŽg,č,Ü,·□B,±,lf_cCfAf□FO f{fbfNfX,ð•\Ž|,·,é,É,í□A[fXfR□[fv] f□fjf...□[.ì [fAfNfefBfu
fŠ[fX] ,ðfNfŠfbfN,μ,Ü,·□B

□€-Ú

[fNf%ofCfAf“fg]

[fvf□pfefB]

[□í□œ]

[□@□‡□«]

[—\-ř□î•ñ,ì,Ý,ð•\Ž|,·,é]

[•À,x'Ö,|]

[flfvVf‡f“]

[fŠ[fX,ìŠúçÈÀ]

【@#<】

DHCP ff[f^fx[fX,ÆfCFWfXfgfŠ,Æ,ÌŠÖ,ì@#<«,đ'²,x,éfvfOf%of€,đŽÀs,μ,Û,·B,±,ì'€],É,æ,Á,ÄADHCP ff[f^fx[fX,ì'èŠÑ«,³CEŸ,³,è,Û,·B·s@#<,È,·,x,Ä,ì IP fAfhfCFX,³A^ê——,É·\Žì,³,è,Û,·B·s@#<,È IP fAfhfCFX,Æ,ÍAfCFWfXfgfŠ,ìY'è,Ä,ÍŠ[fX,³,è,Ä,ç,é,É,à,©,©,í,ç,,ADHCP ff[f^fx[fX,É,Í,±,ìi'ñ,³"½%of,³,è,Ä,ç,È,ç IP fAfhfCFX,ì,±,Æ,Ä,·B,±,ì@#<f^fFbfN,ÍAfXfR[fv fCFxf<,ÄŽÀs,³,è,Û,·B,μ,½,³,Ä,ÄAfT[fO[.É·i",ìXfR[fv,³\³,³,è,Ä,ç,éèè#,[A,±,ìfvfOf%of€ ,đXfR[fv,²,Æ,ÉŽÀs,·,é·K—v,³,è,Û,·B

fOfbfNfAfbfv fRfs[.,©,ç DHCP ff[f^fx[fX,đ·æCE³,μ,½,Æ,«A,Û,½,ìfvfXfef€,³Nf%ofbfVf... ,μ,½CEä,ÍA@#<«,đ'²,x,é,½,ß,ÉA,±,ìfvfOf%of€,đŽÀs,μ,Ä,,³/4,³,çB,Û,½ADHCP ff[f^fx[fX,ì·ÛŽç,ì,½,ß,ÉA'èŠú"l,É,±,ìfvfOf%of€,đŽÀs,·,é,±,Æ,đ,,[S,μ,Û,·B

[fNf%ofCfAf“fg]

[fNf%ofCfAf“fg] ^ê—,Å,íA•\Ž!,Ü,½,í•ïX,.,éfŠ[fX,ªY’è,³ê,Ä,ç,éfRf“fsf...[f^,ðfNfŠfbfN,µ,Ü,·B

[fš[fX,ìšúĀ]

'l'ð,μ,½fNf%ofCfAf“fg,ìĀ»Ÿ,ì IP fAfhfĀfX fš[fX,ª—LĀøšúĀÀ∅,ê,É,È,é“ú•t,ÆŽž∅,ª•\Ž!,³,ê,Û,·B

[^ê^Ó,ì ID]

fNf%oCfAf“fg fRf“fsf...[]f^,ìfìfbfgf[][]fN fAf_fvf^ fj[]f^h,ì MAC (Media Access Control)
fAfhfCEfX,đŽw’è,.,é^ê^Ó,ìŽ`•ÊŽq,³•\Žì,³,è,Ü,·□B

MAC fAfhfCEfX,í[]fNf%oCfAf“fg fRf“fsf...[]f^,ìfRf}f“fh fvf[]f“fvfg,Å□**unet config wksta**□v,Æ“ü—
í,.,é,Æ•\Žì,Å,<,Ü,·□B

[fNf%ofCfAf“fg-¼]

'l' ð, μ, ½fNf%ofCfAf“fg, ðŽ•Ê, ·, é-¼'O, ð•İX, ·, é, Ê, ÍA[fNf%ofCfAf“fg-¼] f{fbfNfX, ÊV, μ, ç-¼'O, ð“ü—
Í, μ, Ü, ·B

, ±, Ì-¼'O, ÍŽ•Ê, Ì, ½, ß, ¾, ¯, ÉŽg, í, êAfNf%ofCfAf“fg, ÌŽÀÜ, ÌRf“fsf... [f^-¼, É, Í%e<ç, μ, Ü, ¹, ñB

[fNf%ofCfAf“fg fRf□f“fg]

'l' ð, μ, ½fNf%ofCfAf“fg, ð□à-¾, ·, é”C^Ó, ìfefLfXfg, ð“ü—í, μ, Ü, ·□B

[—\-ñ□î•ñ,ì,Ý,ð•\Ž!,·,·,é]

—\-ñ IP fAfhfCEfX,ðŽg,xfNf%ofCfAf“fg,¾,¯,ð•\Ž!,·,·,é,É,í□A[—\-ñ□î•ñ,ì,Ý,ð•\Ž!,·,·,é] f`fFfbfN
f{fbfNfX,ðfj“ ,É,μ,Ü,·□B

[fifvfVf#f“]

—\~ñfNf%ofCfAf“fg,ìfifvfVf#f“ f^fCfv,ð•ïX,·,é,É,íA[fNf%ofCfAf“fg] ^ê—,Å—\~ñfNf
%ofCfAf“fg,ðf_fuf<fNfŠfbfN,μ,Ü,·BŽŸ,ÉA[fifvfVf#f“] ,ðfNfŠfbfN,μA[DHCP fifvfVf#f“F —\~ñ]
f_fCfAf□fO f{fbfNfX,ð•\Žì,μ,Ü,·B

,±,ìf{f^f“,ª•\Žì,³,è,é,ì,íA—\~ñfNf%ofCfAf“fg,ìê□‡,¾,¯,Å,·B

[fvf]pfefB]

—\-ñfNf%ofCfAf“fg, ð•ïX, ·, é, É, í[A[fNf%ofCfAf“fg] ^ê—, Å—\-ñfNf
%ofCfAf“fg, ðfNfŠfbfN, μ, Ü, ·BŽŸ, É[A[fv]pfefB] , ðfNfŠfbfN, μ[A[fNf%ofCfAf“fg, ðfNfŠfbfN] f_CfAfO
f{fbfNfX, ð•Ž, μ, Ü, ·B

[íœ]

fNf%ofCfAf“fg,ì DHCP □\□¬,ðŽæ,è□Á,·,É,í□A[fNf%ofCfAf“fg] ^ê—,Å□ADHCP □\□¬,ðŽæ,è□Á,·fNf %ofCfAf“fg,ðfNfŠfbfN,μ□AŽŸ,É [íœ] ,ðfNfŠfbfN,μ,Û,·□B

[—\~ñfNf%ofCfAf“fg,ì'Ç%oÁ] ,Æ [fNf%ofCfAf“fg,ìfvf[]pfefB]

,±,ìf_fCfAf[]fO f{fbfNfX,íAŽw'è,μ,½fNf%ofCfAf“fg,ìî•ñ,ð'Ç%oÁA•\Ž![]A,Û,½,í•ï[]X,.,é,Æ,«,ÉŽg,ç
,Û,·[]B[]V,μ,ç=—\~ñ,ð'Ç%oÁ,.,é,½,β,É,±,ìf_fCfAf[]fO f{fbfNfX,ð•\Ž!,.,é,É,í[]A[fXfR[][fv] f[]ff...[]L,ì [—\~ñ,ì'Ç
%oÁ] ,ðfNfŠfbfN,μ,Û,·[]B—\~ñfNf%ofCfAf“fg,ÉŠÖ,.,éî•ñ,ð•\Ž!,Û,½,í•ï[]X,.,é,½,β,É,±,ìf_fCfAf[]fO
f{fbfNfX,ð•\Ž!,.,é,É,í[]A[fAfNfefBfu fŠ[][fX] f_fCfAf[]fO f{fbfNfX,ì [fNf%ofCfAf“fg] ^è—,ÅfNf%ofCfAf“fg-
¼,ðfNfŠfbfN,μ[]A[fvf[]pfefB] ,ðfNfŠfbfN,μ,Û,·[]B

[]€-Ú

[IP fAfhf[]fX]

[^ê^ó,ìID]

[fNf%ofCfAf“fg-¼]

[fNf%ofCfAf“fg fRf[]f“fg]

[f[]fvf[]f[]f“]

[IP fAfhfĀfX]

—\-ñfAfhfĀfX fv□[f<,É, ,é^ê^Ó,ì IP fAfhfĀfX,ð“ü—í,μ,Û,·□B

□V,μ,ϕ—\-ñ,ð'Ç%oÁ,·,é,Æ,«,í□A—\-ñ□ĩ,Ÿ,Ā-ϕŽg—p,ì”C^Ó,ì IP fAfhfĀfX,ðŽw'è,Ā,«,Û,·□B

—\-ñfNf%ofCfAf“fg,ÉŠÖ,·,é□î•ñ,ð•ĩ□X,μ,Ā,ϕ,é□ê□#□A—\-ñ IP fAfhfĀfX,í•ĩ□X,Ā,«,Û,¹,ñ□B—\-ñfNf
%ofCfAf“fg,ìfAfhfĀfX,ð•ĩ□X,·,é,É,í□A[fAfNfefBfu fŠ□[fX] f_fCfAf□fO f{fbfNfX,ì [fNf%ofCfAf“fg] ^ê—
,Ā,»,ìfAfhfĀfX,ð□í□œ,μ□AŽŸ,É [fXfR□[fv] f□fjf...□[,ì [—\-ñ,ì'Ç%oÁ] ,ðfNfŠfbfN,μ,Ā□V,μ,ϕ—\-ñ,ð'Ç
%oÁ,μ,È,̄,ê,î,È,è,Û,¹,ñ□B

[^ê^Ó,ì ID]

fNf%oCfAf“fg fRf“fsf...[]f^,ìfìbfqf[][]fN fAf_fvf^ fj[]fh,ì MAC (Media Access Control)
fAfhfCEfX,đŽw’è,·,é^ê^Ó,ìŽ·•ÊŽq,đ“ü—í,μ,Ü,·□B

MAC fAfhfCEfX,í[]fNf%oCfAf“fg fRf“fsf...[]f^,ìfRf}f“fh fvf[]f“fvfg,Å□unet config wksta□v,Æ“ü—
í,·,é,Æ•Žì,³,ê,Ü,·□B

[fNf%ofCfAf“fg-¼]

fNf%ofCfAf“fg, ìfRf“fsf... [f^-¼, ð“ü—í, μ, Û, · □B

, ±, ì-¼' O, ÌŽ·Ê, ì, ½, ß, ¾, ¯, ÉŽg, í, ê □AfNf%ofCfAf“fg, ÌŽÀ □Û, ìfRf“fsf... [f^-¼, É, Í%oe<¿, μ, Û, ¹, ñ □B

[fNf%ofCfAf“fg fRf□f“fg]

fNf%ofCfAf“fg, ðà-¾, ·, é”C^Ó, ìfefLfxfg, ð”ü—í, μ, Ü, · □BfNf%ofCfAf“fg fRf□f“fg, íÈ—ª, Å, «, Ü, · □B

[DHCP flfvVf#f"] (fOf[fof<AfXfR[fv,Ü,½,í—\-ñ)

,±,lf_cCfAf□fo f{fbfNfX,íADHCP fT□[fo□□ã,ì,·,×,Ä,lfXfR□[fv,Ü,½,í'δ,μ,½fXfR□[fv,É DHCP flfvVf#f",δŠ,,è"-,Ä,é,Æ,«,ÉŽg,ç,Ü,·□B,±,lf_cCfAf□fo f{fbfNfX,δ•\Ž!,·,é,É,í□A[DHCP flfvVf#f"] f□fj...□[,ì [fOf□□[fof<],Ü,½,í [fXfR□[fv],δfNfŠfbfN,μ,Ü,·□B

,Ü,½□A,±,lf_cCfAf□fo f{fbfNfX,δŽg,α,Æ□A—\—ñ,lf_lfvVf#f" f^fCfv,δ•í□X,Å,«,Ü,·□B—\—ñfNf%ofCfAf"fg,É'í %ož,·,é,±,lf_cCfAf□fo f{fbfNfX,δ•\Ž!,·,é,É,í□A[fXfR□[fv] f□fj...□[,ì [fAfNfefBfu fŠ□[fX],δfNfŠfbfN,μ□A[fNf %ofCfAf"fg] ^ê—,Å□AflfvVf#f" f^fCfv,δ•í□X,·,é—\—ñfAfhfCEfX,δfNfŠfbfN,μ,Ü,·□BŽŸ,É□A[fvf□fpfefB] ,δfNfŠfbfN,μ□A[flfvVf#f"] ,δfNfŠfbfN,μ,Ü,·□B□V,μ,ç—\—ñfNf%ofCfAf"fg,ìê□#,í□A[—\—ñfNf%ofCfAf"fg,ì'Ç %oÁ] f_cCfAf□fo f{fbfNfX,ì [flfvVf#f"] ,δfNfŠfbfN,μ,Ü,·□B

□€-Ú

[flfvVf#f"]

[Žg—p,μ,È,çflfvVf#f"]

[Žg—p,·,éflfvVf#f"]

[']

€»□Ý,ì'

["] f{f^f"

['] , ð f N f Š f b f N , · , é , Æ [A ' ð , μ , ½ f l f v f V f # f " , ì E » [Ý , ì ' l , ð • \ Ž | , Ü , ½ , í • Ò [W , Å , « , Ü , · [B

[fjfvfVfjf“ fNf%ofX]

•W□€,\AE—\ñ,ì,Ç,ç,ìfjfvfVfjf“,ìŽí—p,É□Ý’è,a“K—p,³,ê,é,©,ª•\Ž|,³,ê,Ü,·□B

[fifvfVf#f“]

fifvfVf#f“ f^fcfv, a'è` ,³,ê,Ä,ç,é DHCP fT□[fo□[.ì^ê^Ó,ìŽ`•ÉŽq,a•\Ž|,³,ê,Ü,·□B

[Žg—p,·,é!f!v!V!f!f!“]

,±,ìfNf%ofX,ÉŠ,,è“-,Ä,ç,ê,½f!f!v!V!f!f!“ f^fCfv,ðííœ,·,é,É,íA[Žg—p,·,é!f!v!V!f!f!“] f{fbfNfX,Åf!f!v!V!f!f!“
f^fCfv,ì-¼‘O,ðfNfŠfbfN,μAŽŸ,É [ííœ] ,ðfNfŠfbfN,μ,Ü,·B

[Žg—p,μ,È,čflfvfVf+f“]

[Žg—p,μ,È,čflfvfVf+f“] ^ê—,Å□A“K—p,·,éflfvfVf+f“ f^fCfv,ì-¼‘O,đfNfŠfbfN,μ,Ü,·□BŽŸ,É□A[‘Ç%oÁ]
,đfNfŠfbfN,μ□A‘I‘đ,μ,½-¼‘O,đ [Žg—p,·,éflfvfVf+f“] ^ê—,É^Ú“® ,μ,Ü,·□B

[Žg—p,μ,È,čflfvfVf+f“] ^ê—,É,Í□A‘è<`□İ,ŸflfvfVf+f“,Æ“ÆŽ©,É‘Ç%oÁ,μ,½fjXf^f€ flfvfVf+f“,ì-¼•û,ª\
Ž|,³,ê,Ü,·□B,½,Æ,İ,Î□A‘I‘đ,μ,½fXfR□[fv“à,İfRf“fsf...□[f^,ª□A^è‘è,İfŠ□[fXŠúŠŌ,đ—v<□,Å,«,é,æ,π
,É,·,é,É,Í□A[Žg—p,μ,È,čflfvfVf+f“] ^ê—,İ [fAfhfCfX fŠ□[fXŽžŠŌ] ,đfNfŠfbfN,μ□AŽŸ,É [‘Ç%oÁ]
,đfNfŠfbfN,μ,Ü,·□B

CE»Ÿ,ì'!

fAfNfefBfu,ÈfIfvfVf#f",ì'l,đ'è<` , ,é,É,Í[A[Žg—p,·,éIfvfVf#f"] f{fbfNfX,Ā[A'l,đ'è<` , ,éIfvfVf#f",ì-
¼'O,đfNfŠfbfN,μ,Û,·B•Ò[W,·,é"à—e,"æ,Ñ•û-@,Í[AfIfvfVf#f",ìff[f^CE^,É%ž,Ÿ,ÄŽŸ,ì,æ,κ
,É^Û,È,è,Û,·B

IP fAfhfCEfX,ìêê# ,Í[A'l'đ,μ,½fIfvfVf#f",.ÉŠ,,è"-,Ä,éfAfhfCEfX,đ"ü—Í,μ,Û,·B

Ÿ"l,ìêê# ,Í[A"KØ,È 10 Ÿ'l,Û,½,í 16 Ÿ'l,đ"ü—Í,μ,Û,·B

•Ÿš—ñ,ìêê# ,Í[A•Ÿš,Û,½,Í"Žš,©,ç—,é"KØ,È ASCII •Ÿš—ñ,đ"ü—Í,μ,Û,·B

,½,Æ,ì,Í[AfXfR[fv"à,ìfNf%ofCfAf"fg,žg,κ DNS f[f€ fT[fö[f,đŽw'è,·,é,É,Í[A[Žg—p,·,éIfvfVf#f"] ^è
—,ì [006 DNS fT[fö[f] ,đfNfŠfbfN,μ[AŽŸ,É[A"z—ñ,ì•Ò[W] ,đfNfŠfbfN,μ,Ä DNS fT[fö[f],ì IP
fAfhfCEfX,ì^è—,đ"ü—Í,μ,Û,·B

[fifvfVf#f“ f^fCfv,ì'Ç%Á] ,Æ [fifvfVf#f“ f^fCfv,ì•ïX]

,±,ìf_fCfAf□fO f{fbfNfX,íA“ÆŽ©,ì DHCP_fifvfVf#f“ f^fCfv,ð'Ç%Á,Ü,½,Í•Ò□W,·,é,Æ,«,ÉŽg,ç,Û,·□B

,±,ìf_fCfAf□fO f{fbfNfX,ð•\Žì,·,é,É,íA[DHCP_fifvfVf#f“] f□ffj...□[,ì [Šù'è'I]

,ðNfŠfbfN,μ□AŽŸ,É□A•ï□X,·,éfNf%oX,ðNfŠfbfN,μ,Û,·□B□V,μ,çfifvfVf#f“ f^fCfv,ð'Ç%Á,·,é,É,íA[□V<K]

,ðNfŠfbfN,μ,Û,·□BŠù'¶,ì“ÆŽ©,ìfifvfVf#f“ f^fCfv,ð•Ò□W,·,é,É,íA[fifvfVf#f“ -¼] f{fbfNfX,Å-

Ú“ì,ìfifvfVf#f“ -¼,ðNfŠfbfN,μ□AŽŸ,É [•ï□X] ,ðNfŠfbfN,μ,Û,·□B

□€-Ú

[fNf%ofX]

[-¼'0]

[ff□f^ÇE^]

[“z—ñ]

[ID]

[fRf□f“fg]

[fNf%ofX]

[DHCP flfvfVfjf“□F Šù'è'l] f_CfAf□fO f{fbfNfX,Å'l'ð,μ,½flfvfVfjf“ fNf%ofX,É,Â,ç,Ä,ì<L□q,Å,·□B

[-¼'Ö]

[-¼'Ö] f{fbfNfX,É,ÍA□V,μ,†f{fvfVf†f“-¼,δ“ü—Í,μ,Ü,·□B

["z-ñ]

ff[f^E^,"z-ñ,ð•\,·ê‡,íA["z-ñ] f`fFbfN f{fbfNfX,ðfj",É,μ,Û,·B

[ID]

[ID] f{fbfNfX,É,íA,±,ìfifvJVf#f“ f^fCfv,ÉŠÖ~A•t, -,é^ê^Ó,ìfR□[fh”Ô□t,đ“ü—í,μ,Û,·□B

[fRf“fg]

fifvfj#f“ f^fcfv,ÉŠÖ,·,éà-¾,ð“ü—Í,μ,Û,·B

[DHCP fífVfíf“F Šù'è'I]

,±,íf_CfAf□FO f{fbfNfX,í□A'í'ð,μ,½ DHCP fífVfíf“ f^fCfv,ìŠù'è'I,ì•í□X□A,Ü,½,íjffXf^f€ fífVfíf“
f^fCfv,ì'Ç%Á□Aí□œ□A,“,æ,Ñ•Ò□W,ð□s,α,Æ,«,ÉŽg,ç,Ü,·□B,±,íf_CfAf□FO f{fbfNfX,ð•\
Ž!,·,é,É,í□A[DHCP fífVfíf“] f□jff...□[,ì [Šù'è'I] ,ðfNfŠfbfN,μ,Ü,·□B

□€-Ú

[fífVfíf“ fNf%□fX]

[fífVfíf“-¼]

[í]

[fRf□“fg]

[□V<K]

[íí□œ]

[•í□X]

[•Ò□W]

[fifvfVf#f" fNf%ofX]

[fifvfVf#f" fNf%ofX] ^ê—,Å,í□A•\Ž|,Ü,½,í•ï□X,·,élfifvfVf#f" f^fCfv,lfifvfVf#f" fNf%ofX,ðfNfŠfbfN,μ,Ü,·□B

[fifvVfjf“-¼]

[fifvVfjf“-¼] ^ê—,Å,í□A•\Ži,Ü,½,í•ï□X,·,éfifvVfjf“ f^fCfv,đNfŠfbfN,μ,Ü,·□B

['1]

,±,lf{fbfNfX,Å,Í□A,±,lfvfVf#“ f^fCfv,É'Í,μ,Ä□□¬,³,ê,éŠù'è'l,ð“ü—Í,μ□AŽŸ,É [OK] ,ðfNfŠfbfN,μ,Ü,·□B
flvfVf#“ ,lf□[f^CE^,³fofCfifŠ“ü—Í,ð•K—v,Æ,·,é□é□#,â”z—ñ,ì□é□#,Í□A[•Ò□W] f{f^f“ ,²•\
Ž,³,ê,Ü,·□Bf{f^f“ ,ðfNfŠfbfN,·,é,Æ□AŠù'è'l,ð•Ò□W,·,é,½,ß,ì“Á•Ê,Ë_fCfA□f□O f{fbfNfX,²•\Ž,³,ê,Ü,·□B

[fRf□f“fg]

'l'ö,μ,½fifvjvfj“,Éí,μ,Ä [fifvjvfj“ f^fCfv,ìÇ%Á] f_fCfAf□fO f{fbfNfX,Å'è<`,μ,½fRf□f“fg,^a•\Ž|,³ê,Ü,·□B

[V<K]

V,μ,ϕjffXf^f€ flfvfVf#f“ f^fCfv,δ'Ç%oÁ,·,é,É,íA[V<K] ,đfNfŠfbfN,μ,Ü,·B[flfvfVf#f“ f^fCfv,ì'Ç%oÁ]
f_fCfAfO f{fbfNfX,ì [-¼'O]A[ff[f^CE^]A,“,æ,Ñ [ID] f{fbfNfX,ÅA-
¼'OAff[f^CE^A,“,æ,ÑŽ•ÊŽq,đ'è<` ,Å,<,Ü,·B

[íœ]

fVfVf#f" f^fCfv,ðíœ,·,é,É,íA[fVfVf#f" -¼] ^ê—,Åíœ,·,éfVfVf#f",ðfNfŠfbfN,μAŽŸ,É [íœ]
.ðfNfŠfbfN,μ,Û,·B

[•ïX]

[f]v]Vf]f" -¼] ^ê—,Å'ı'đ,μ,½f]f]v]Vf]f" f^fCfv,đ•ïX,·,é,É,íA[•ïX] ,đNfŠf]f]N,μ,Ü,·B

[•ÒW] ,Æff[f^E^

•\Ž!,³,ê,éff[f^E^,íA,±,lfvfVf#f“,É'è<`ï,Ý,ìE^,©A[lfvfVf#f“ f^fCfv,ì'Ç%Á] f_CfAfO
f{fbfNfX,Á'è<`³,ê,½E^,Á,·B'ì'ð,μ,½lfvfVf#f“,ì'l,ª”z—ñ,ìê#f,íA[•ÒW] f{f^f“,ª•\Ž!,³,ê,Ü,·B
[•ÒW] ,ðfNfŠfbfN,·,é,ÆA'ì'ð,μ,½lfvfVf#f“,ìff[f^E^,É%ž,¶,ÄA[IP fAfhfEfx”z—ñfGfffBf^]
f_CfAfO f{fbfNfX,Ü,½,í [“l”z—ñfGfffBf^] f_CfAfO f{fbfNfX,ª•\Ž!,³,ê,Ü,·B

[IP fAfhfCEfX”z—ñfGffBf^]

,±,lf_fCfAf□fo f{fbfNfX,í□A'í'ð,μ,½flfvfVf#f“ f^fCfv,ìŠù'è,ì IP fAfhfCEfX'í,ð•í□X,.,é,Æ,«,ÉŽg,č,Ü,·□B,±
,lf_fCfAf□fo f{fbfNfX,ð•\Ž|,.,é,É,í□A[DHCP flfvfVf#f“□F Šù'è'í] f_fCfAf□fo f{fbfNfX,ì [flfvfVf#f“-¼]
f{fbfNfX,Å□Aff□[f^CE^,ª IP fAfhfCEfX,ì”z—ñ,Å, ,éflfvfVf#f“-¼,ðfNfŠfbfN,μ□AZŽ,É [•Ò□W]
,ðfNfŠfbfN,μ,Ü,·□B

□€-Ú

[fAfvfŠfP□[fvf#f“] ,Æ [flfvfVf#f“]

[□V,μ,č IP fAfhfCEfX]

[IP fAfhfCEfX]

[fT□[fo□[-¼]

[%oðCE^]

[fAfvfŠfP[fVfjf“] ,Æ [fifvfVfjf“]

fNf%ofX f^fCfv ([fOf[fof<]A[fXfR[fv]A,Ü,½,Í [—\-ñ] ,ì,ç,.,ê,©) ,ÆA'í'ð,μ,½•ÒW't,lfifvfVfjf“,ª•\
Ž,³,ê,Ü,·B

[V,μ,ϕ IP fAfhfCefX]

^ê—,É'Ç%Á,·,éV<K IP fAfhfCefX,ð"ü—Í,μ,Ü,·BŽŸ,É[A[Ç%Á] ,ðfNfŠfbfN,μA"ü—Í,μ,½fAfhfCefX,ð
[IP fAfhfCefX] ^ê—,É^Ú"®,μ,Ü,·B

[IP fAfhfCefX]

CE»Ÿ,ìšù'è'l,ð□□→,·,é"z—ñ,ìŠe—v'f,Å, ,é IP fAfhfCefX,^a•\Ž|,³,ê,Û,·□B

^ê—,É□V,μ,ϕ'l,δ'Ç%Á,·,é,É,í□A[□V,μ,ϕ IP fAfhfCefX] f{fbfNfX,ÉfAfhfCefX,ð"ü—í,μ□AŽŸ,É ['Ç%Á]
,ðfNfŠfbfN,μ,Û,·□B^ê—,©,çfAfhfCefX,ð□í□œ,·,é,É,í□A—Ú"l,ìfAfhfCefX,ðfNfŠfbfN,μ□AŽŸ,É [□í□œ]
,ðfNfŠfbfN,μ,Û,·□B

,Ù,Æ,ñ,Ç,ì IP fAfhfCefX'l,í□A^ê—,ì□æ"^a,©,ç□‡,ÉŽg,í,ê,é,½,β□AŽg—p,·,é□‡,É'l,ðŽw'è,μ,Û,·□B^ê—
,ì't,ìfAfhfCefX,ì□‡□~ ,ð•ï□X,·,é,É,í□A•ï□X,·,é fAfhfCefX,ðfNfŠfbfN,μ□AŽŸ,É□ăCEü,«-î^óf{f^f",Û,½,í
%^oCEü,«-î^óf{f^f",ðfNfŠfbfN,μ,Ă□AfAfhfCefX,ì^É'u,ð^Ú"® ,μ,Û,·□B

[fT][fo][^{-1/4}]

IP fAfhfCEfX,đ'è<` ,:é DHCP fT[fo[,đŽw'è,·,é,É,íA[fT[fo[^{-1/4}] f{fbfNfX,ÉfT[fo[,ì-¼'O,Ü,½,í IP fAfhfCEfX,đ"ü—í,μ,Ü,·B-¼'O,ì%đCE^,đ[s,ϣ,É,íA[%đCE^] ,đfNfŠfbfN,μ,Ü,·B

[%oδCE^]

fT[fO[-¼,ð IP fAfhfCEfX,É%oδCE^,·,é,É,ÍA[%oδCE^] ,ðfNfŠfbfN,μ,Ü,·B

[□"l"z—ñfGffffBf^]

,±,lf_cCfAf□fO f{fbfNfX,í□A'í'ð,μ,½flfvfVf+f" f^fCfv,ìŠù'è'l,ð•ï□X,·,é,Æ,«,ÉŽg,č,Ü,·□B,±,lf_cCfAf□fO
f{fbfNfX,ð•\Ž|,·,é,É,í□A[DHCP flfvfVf+f"□F Šù'è'l] f_cCfAf□fO f{fbfNfX,ì [flfvfVf+f"^-¼]
f{fbfNfX,Å□Aff□[f^CE^,ª□"l,ì"z—ñ,Å, ,éflfvfVf+f"^-¼,ðfNfŠfbfN,μ□AŽŸ,É [•Ò□W] ,ðfNfŠfbfN,μ,Ü,·□B

□€-Ú

[fAfvfŠfP□[fvf+f"l,Æ [flfvfVf+f"l]

[ftfjfbfg_fTfCfY]

[□V,μ,č'l]

[CE»□Ý,ì'l]

[ff□[f^"ü—Íf,□[fh]

[ftfjfbfg fTfCfY]

'l,}ff[]f^ fTfCfY,^fjfnfefbfg'P^Ê,Å•\Ž|,³,ê,Ü,·□B

[V,μ,ϕ']

"z—ñ,É'Ç%Á,·,éV,μ,ϕ',ðŽw'è,μ,Ü,·B

[V,μ,ϕ'] f{fbfNfX,É'I,ð"ü—Í,μ,Ü,·BŽŸ,ÉA[Ç%Á] ,ðfNfŠfbfN,μA"ü—Í,μ,½'I,ð [CE»Ý,ì'] ^ê—
,É^Ú"®,μ,Ü,·B

[CE»Ÿ,ì'í]

CE»Ÿ,ìšù'è'l,đ□□-.,é"z-ñ,ìŠe-v'f,Å, ,é'l,a•\Ž!,³,ê,Û,·□B

^ê—,É□V,μ,ç'l,đ'Ç%oÁ,·,é,É,í□A[□V,μ,ç'l] f{fbfNfX,É□"l,đ"ü—í,μ□AŽŸ,É ['Ç%oÁ] ,đfNfŠfbfN,μ,Û,·□B

^ê—,©,ç'l,đ□í□œ,·,é,É,í□A-Ú'l,ì'l,đfNfŠfbfN,μ□A[□í□œ] ,đfNfŠfbfN,μ,Û,·□B

,ù,Æ,ñ,ç,ì'l,í□A^ê—,ì□æ"ª,©,ç□#,ÉŽg,í,é,é,½,ß□AŽg—p,·,é□#,É'l,đŽw'è,μ,Û,·□B^ê—

,ì't,ì'l,ì□#□~,đ•ï□X,·,é,É,í□A•ï□X,·,é'l,đfNfŠfbfN,μ□AŽŸ,É□ãCEü,«-î^óf{f^f",Û,½,í%o²CEü,«-
î^óf{f^f",đfNfŠfbfN,μ,Ä□A'l,ì^Ê'u,đ^Ú"® ,μ,Û,·□B

[ff][f^“ü—Íf, [fh]

'l,đ“ü—Í,·,é•û-@,đžw'è,·,é,É,Í[A[10 □i□”] ,Ü,½,Í [16 □i□”] ,đfNfŠfN,μ,Ü,·□B

[ŽŸ, ðæ%æ]

[DHCP f}f][fWff] fEfBf“fhfE, ðfAfNfefBfu, Èðì<Æ—ì^æ, ðŽŸ, ðæ%æ, É^Ú“®, µ, Ü, ·, □B

[<<ŠE,İ•İX]

[DHCP f}f[]fWff] fEfBf“fhfE,İ<æ%œ,İ<<ŠE,đ^Ú“ @%Â“\,É,μ,Ü,·Bf}fEfX,Å<<ŠE,đ-Ú“l,İ^Ê‘u,Ü,Åfhf
%ofbfO,μA fNfŠfbfN,μ,Ü,·B

[fXfe][f^fX fo][

[DHCP f}f][fWff] fEjBf“fhfE, iÅ%º•”, ÉfXfe[f^fX fo[.đ•\Ž!, μ, Ü, ·BfXfe[f^fX
fo[.É, íACE»Ý‘!đ,³,ê,Ä, ç, éfRf}f“fh,âCE»Ý, ì— —pó<μ,É,Â, ç
,Ä, ïî•ñA, ”, æ, Ñ‘!đ,³,ê, ½fXfR[fv, qfAfNfefBfu%º»³,ê,Ä, ç, é, ©, Ç, x, ©, º•\Ž!,³,ê,Ü, ·B

fgfsbfN,î^ê—,đ•\Ž!,·,é,É,í□A[fgfsbfN] ,đfNfŠbfN,μ,Ä,,³/₄,³,č□B

