

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

fXfR□[fv,ð□í□œ,·,é,É,í□A,»,ìfXfR□[fv,ð"ñfAfNfefBfu%»»,μ,È,·,é,í,È,è,Û,¹,ñ□BfXfR□[fv,ð"ñfAfNfefBfu
%»»,·,é,Æ□A,»,ìfXfR□[fv,ðžg,Á,Ä,ç,é DHCP fNf%ofCfAf"fg,³AfTfufìfbfg□ä,ì,Û,©,ìfXfR□[fv,ì IP
fAfhfçfX,ðžæ"¾,·,é,½,ß,Éřš□[fX,ð'T,·,±,Æ,³%»Å"\,É,È,è,Û,·□B,±,ì'€□ì,ð□s,í,È,ç,Æ□ADHCP fNf
%ofCfAf"fg,ìřš□[fX,ðž,·,ç,Û,·□B

"ñfAfNfefBfu%»»,³,é,½fXfR□[fv,ì DHCP fNf%ofCfAf"fg,³□V,½,Éřš□[fX,Ö,ì□',«š·,ì,ð—v<□,·,é,Æ□ADHCP
fT□[fo□[í,í□ADHCP fNf%ofCfAf"fg,É'Û'è%»ž"š (NACK□F negative acknowledgment) ,ð'—,è,Û,·□BDHCP
fNf%ofCfAf"fg,í□A'Û'è%»ž"š,ðžó,·žæ,é,Æ□%»šú%»□ó'Ö,É-
ß,è□AfTfufìfbfg□ä,ì,Û,©,ìfAfNfefBfu,Éřš□[fv,©,ç□V,μ,ç IP fAfhfçfX,ìřš□[fX,ðžæ"¾,μ,æ,π,Æ,μ,Û,·□B

□d—v

- fXfR□[fv,ð"ñfAfNfefBfu%»»,·,é,Æ,«,í□A,»,ì'ä,í,è,Æ,È,éřš□[fv,³fTfufìfbfg□ä,ÅfAfNfefBfu,É,È,Á,Ä,ç,È,·,é,í,È,è,Û,¹,ñ□B'ä,í,è,Æ,È,éřš□[fv,í□A'·,ìfTfufìfbfg□ä,É,·,é,í□A"ñfAfNfefBfu%»»,·,éřš□[fv,Æ^Û,È,é DHCP fT□[fo□[□ä,É,·,Á,Á,à,©,Û,ç,Û,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,ð□í□œ,·,é,½,ß,¾,·,Éžg,ç,Û,·□B
- fXfR□[fv,ð"ñfAfNfefBfu%»»,μ,½çÉä,í□AfXfR□[fv,ìřš□[fXžžšÖ,ì"¼·ª,É,·,½,éžžšÖ,³çeo %»ß,·,é'Ö,É□A<N" @,μ,Ä,ç,é,·,·,·,Ä,ìfNf%ofCfAf"fg,³ DHCP fT□[fo□[□ä,ì,Û,©,ìfAfNfefBfu,Éřš□[fv,ìřš□[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< ,³,è,Ä,ç,Ü,·BfJfbfgf[fN,É DHCP fT[fO[L,ð\□¬,·,é,ÆAZÿ,ì,æ,æ,È—~“_“³⁄⁴,ç,è,Ü,·□B

- fJfbfgf[fNŠÇ—□ŽÒ,íAfcf“f^□[fJfbfgf[fN'S'ì,É'ì,μAfof□□[fof<,È TCP/IP fpf %of□□[f^,ÆfTufJfbfgcEÁ—L,ì TCP/IP fpf%of□□[f^,ðW'+“l,ÉŽw'è,μ,½,è□A—\~ñAfhfçfX,ðŽg,æfNf %ofCfAf“fg,ìfpf%of□□[f^,ð'è< ,μ,½,è,Ä,«,Ü,·□B
- fNf%ofCfAf“fg fRf“fsf...[f^,íATCP/IP ,ðŽè“@,Á□□¬,·,é•K—v,ª, ,è,Ü,¹,ñBfNf%ofCfAf“fg fRf“fsf... [f^,æfTufJfbfgSÔ,ð^U“@,μ,½□è□†,íAfcf“fsf...[f^,ìN“@Žž,ÉŽ©“@“l,É TCP/IP ,íA□□¬,ª□s,í,è,Ü,·□B

□d—v

- •j□“,ìf<□[f^□[,É,Ü,½,ª,éTufJfbfg,ðfTf]□[fg,·,é,½,ß,É DHCP fT[fO[L,ðŽg,æ□è□†,íAfc□[f^□[,ìftf@□[f€fEfFfA,ìAfbvfOfç□[fh,ª•K—v,É,È,é,±,Æ,ª, ,è,Ü,·□Bf□[f^□[,í RFC 1533A1534A1541A,“,æ,Ñ 1542 ,ðfTf]□[fg,μ,Á,ç,é,à,ì,Ä,È, ,è,ì,È,è,Ü,¹,ñBDHCP fŠfç□[fG□[fWfFf“fg,ìftf]□[fg,É,Ä,ç,Ä,íAfc□[f^□[,í»'çç³,É-à,ç□†,í,¹,Ä, ,³⁄⁴,³,ç□B□Ú□x,É,Ä,ç ,Ä,íARFC1542.TXT ,ðŽQ□Æ,μ,Ä, ,³⁄⁴,³,ç□BRFC1542.TXT ,íAftp.internic.net:/rfc ,©,ç“½-¼ FTP ,É,æ,è“ùžè,Ä,«,Ü,·□B

ŠÖ~A□€-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 \□-□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,·,×,Ä,ìfNf%oFCfAf“fg,ð’íÛ,Æ,·,é—LCEø,È□□-fpf%ofo□□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,ìŠúŠÖ□BfŠ□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,é□è□#□AWindows NT ,ðžÄ□s,·,éRf“fsf...□f^,í DHCP fNf%oFCfAf“fg,É,È,è,Û,·BDHCP fNf%oFCfAf“fg fRf“fsf...

□f^,í□A<N“@Æä,É DHCP fT[fO[l,Æ’É□M,μ□A•K—v,È TCP/IP ,ì□□-□î•ñ,ðžó, žæ,è,Û,·□B,±,ì□ □-□î•ñ,É,í□A□,È,Æ,à IP fAfhfCEfX,ÆfTfufbfgf}fXfN,ì,Û,©,É□A□ □-,ÉŠÖ~A•t,·,ç,è,½fŠ□fX,ªŠÛ,Û,è,Ä,ç,Û,·□B

- fbfgf□□fN,É DHCP fT[fO[l,ð□□- ,·,é,ÆAZÿ,ì,æ,x,È—~“_ ,ª“¾,ç,è,Û,·□B
- fbfgf□□fNŠÇ—žÖ,í□A fCf“f^□f fbfgf□□fN’S’ì,É’í,μ□A fOfo□□fOfo<,È TCP/IP fpf %ofo□□f^,ÆfTfufbfgfCEÄ—L,ì TCP/IP fpf%ofo□□f^,ð□W’t“l,Éžw’è,Ä,«,Û,·□B
- fNf%oFCfAf“fg fRf“fsf...□f^,í□ATCP/IP ,ðžè“@,Ä□□-,·,é•K—v,ª, ,è,Û,¹,ñ□B
- fNf%oFCfAf“fg fRf“fsf...□f^,ªfTfufbfgfŠÖ,ð^Û“@,μ,½□è□#□ACEÁ,ç IP fAfhfCEfX,í%ø•ú,³,è,Ä□Äžg —p,Ä,«,é,æ,x,É,È,è□A^Û“@,³,è,½fNf%oFCfAf“fg fRf“fsf...□f^,í<N“@žž,Éž“@“l,É TCP/IP ,ì,½,ß,É□Ä□ □-,³,è,Û,·□B
- ,Û,Æ,ñ,ç,ìf<□f^□[,ª DHCP □□-—v<□,ð“l’— ,Ä,«,é,½,ß□A fCf“f^□f fbfgf□□fN,ìfTfufbfgf,²,Æ,É DHCP fT[fO[l,ð“z’u,·,é•K—v,ª, ,è,Û,¹,ñ□B

fš[]fx

“®“l,ÉŠ,,,è“-,Ä,ç,ê,½ IP fAfhfCEfX,đŽg—p,Å,«,éŠúŠÔ,Å,·BDHCP fNf%ofCfAf“fg,í[]Afš[]fx (‘Ý,μ[]o,μ) ,ì—
LCEøŠúCEÀ,³[]ø,è,é‘O,É DHCP fT[]fo[],Åfš[]fx,ð[]‘,«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,ìfvf[]pfefB,ì'è<[]BfXfR[]fv“à,ì DHCP fNf%ofCfAf“fg,ÉfT[]fo[][,É,æ,Á,Ä“z•z,³,è,é IP fAfhf[]CfX,ì“í^í,È,Ç,đ'è< ,µ,Ü,·[]B
- DHCP fT[]fo[][,ìfvf[]pfefB,ì•Ž;[]BDHCP fT[]fo[][,ìŠ“ @f[]fo,ìŽù[]W[]A<£[]#,ìCEŸ[]o[]ABOOTP fe[]fuf<,ì[]- ,È,Ç,ìfvfVf#f“ ,ª ,è,Ü,·[]B
- DHCP fìfvfVf#f“ f^fCfv,ì[]-[]BfŠ[]fXŠúŠÔ,È,Ç,ì DHCP fìfvfVf#f“ ,ìŠù'è'ì,đ'è< ,µ,½,è[]AfffXf^f€ fìfvfVf#f“ ,đ'Ç%oÁ,µ,½,è,µ,Ü,·[]B

[]d—v

- DHCP f}f[]fWff,Ä[]<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,Ä,à[]Af[][]fj< fhf[]fCf“ ,É'í,·,é'Š'í^É'u,ÄŽw'è,µ,Ä,à,©,Ü,ç,Ü,¹,ñ[]B

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

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

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

ŠÖ~A[]€-Ü

fXfR[]fv,đ[]- ,·,é

fXfR[]fv,ìfvf[]pfefB,đ•ì[]X,·,é

DHCP fìfvfVf#f“ f^fCfv

DHCP fífVfVfjf“

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

,Ù,Æ,ñ,Ç,ífVfVfjf“,íARFC 1542 ,É'è` ,³,ê,Ä,ç,épf%of[f^,ÉŠî,Ã,ç,ÄA, ,ç,©,¶,ß'è` ,³,ê,Ä,ç,Ü,·B

ŠÇ—ŽÒ,íA[DHCP fífVfVfjf“] fífj...[.ìRf}f“fh,đ'í,ñ,ÅfífVfVfjf“,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[
fCf“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 fAhfÇfX,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,ð•\Ž!,•,é

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

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

'[

▪ [fvf[fpfefB] ,Í[AfT[fO[L fAfhfCEfX,ð'Í'ð,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,Í<L~^A<£[±,ª"¶!,•,é%oÂ"\
[«,Í, ,éfAfhfCEfX,ÍCEŸ[o[ABOOTP fe[fuf<"à,Í[\[—Í•ñ,È,Ç,ªŠÜ,Ü,é,Ü,·[BSù'è,Í[Ÿ'è,Å,Í[A,±,é,ç,ÍlfvfVf#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^“@ ,)fO,đfefLjXfg ftj@fCf< (.log) ,ÉŽûW, ,é,É,íA,±,lf`fFbfN
f{fbfNfX,đfj“,É,μ,Û,·B,±,)ftj@fCf<,íADHCP fT[fo[,ìáŠQ,É’í^ ,éÛ,É-đ-š,Â%oÂ“\«,ª, ,è,Û,·B

[<££,ìŒŸo]

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

[BOOTP fe[fuf<]

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

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

BOOTP ,ífAfhfCEfXŠÇ—,ÍACEÅ'è"l,È—\-ñ,đ•K—v,Æ,·,ézfXfg,É'Í,·,é DHCP ,ífAfhfCEfXŠÇ—,ÆŽ—,Å,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,đŽQ□Æ,µ,Ä,,¾,¾,ç□B

fzfXfg,ª "Á'è,ìftf@fCf<-¼, ,é,ç,ìftf@fCf< fT□fo□[,đ BOOTP —v<□,Å•Ô,³,è,é•K—v,ª, ,é□è□‡,ÍASÇ—
□ŽÖ,ÍA[DHCP flfvfVf‡f"] f□fj...□[,ì□□-fpf%of□□f^,đŽg,Á,ÄADHCP flfvfVf‡f" 066 , ,æ,Ñ 067 (fuf□fg
fT□fo□[fzfXfg-¼] ,Æ [fuf□fgftf@fCf<-¼]) ,đ□Ý'è,Å,«,Û,·B

ftfB[f<fh

['Ç%Á

[□í□œ]

[•Ò□W]

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—ZÖ,ªS,,,è“-,Ä,éfXfR[fv-¼[]B
- “@“ìfAfhfCfX,Æ<æ,É DHCP fNf%ofCfAf“fg,ÉS,,,è“-,Ä,ç,è,éfŠ[]fXŠúŠÔ,ì'[]B

ŠÖ~A[]€-Ú

fXfR[fv,ð[]-:·é

fXfR[fv,ìvf[]pfefB,ð·ï[]X:·é

fXfR[fv,ð[]í[]oe,·,é

fX[]fp[]fXfR[fv,ð[]-:,·æ,Ñ[]í[]oe,·,é

fxfr[fv,ð]i-.,é

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

V,μ,ç DHCP fxfr[fv,ð]i-.,é,É,í

- [DHCP f}f[fwff] fEfBf“fhfE,ì [DHCP fT[fpo[í ^è—,ÁAfxfR[fv,ð]i-.,é,É,íT[fpo[ð'ð,μ,Ü,·B
- [fxfr[fv] fffj...[.ì [i-] ,ðfNfŠfbfN,μ,Ü,·B
- [i-.,é,É,ífxfr[fv,Á—p%Å^,È IP fAfhfCEfX,ì'í,ð'è< .,.,é,É,í[A[Š]ŽnfAfhfCEfX] f{fbfNfX,Æ [i—
¹fAfhfCEfX] f{fbfNfX,É[A'í,ì[œ“ª,ì IP fAfhfCEfX,Æ--“ò,ì IP fAfhfCEfX,ð“ü—í,μ,Ü,·B
fvf%ofCf}fŠ fT[fpo[ã,Á,±,lfxfR[fv,ðfAfNfefBfu,É,.,é,É,í[A,±,ì[ñ,ð“ü—í,μ,È, .,é,í,È,è,Ü,¹,ñB
- [Tfufjfbfg f}fxfN] f{fbfNfX,É[A[Š]ŽnfAfhfCEfX] ,Æ [i—¹fAfhfCEfX] ,ì',ÉŠ,Ä,ç,½Tfufjfbfg f}fxfN,ª·\
Ž,¹,è,Ü,·BÜ,È,é',ª·K—v,Á, .,é,±,Æ,ª,í,©,Á,Ä,ç,é[è[†^ÉŠO,í[A·Ž,¹,è,½',ðŽg,ç,Ü,·B
- IP fAfhfCEfX fv[f,ì'í“à,ÁœŠO, .,é,É,ífxfr[fv,ð'è< .,.,é,É,í[A[œŠO“í'] ,ðŽg,ç,Ü,·B
 - œŠO“í',ì[œ“ª,ì IP fAfhfCEfX,ð [Š]ŽnfAfhfCEfX] f{fbfNfX,É“ü—í,μ[AœŠO“í',ì--“ò,ì IP
fAfhfCEfX,ð [i—¹fAfhfCEfX] f{fbfNfX,É“ü—í,μ,Ü,·BZÝ,É[A[Ç%Å]
ðfNfŠfbfN,μ,Ü,·B,Ü,©,È,è,ì[œŠO“í',ª, .,é,ì[A“ ,¶·ù-@,Á'è< ,μ,Ü,·B
 - 'P^è,ì IP fAfhfCEfX,ðœŠO, .,é,É,í[AœŠO, .,é,É,í IP fAfhfCEfX,ð [Š]ŽnfAfhfCEfX] f{fbfNfX,É“ü—í,μ[A[
—¹fAfhfCEfX] f{fbfNfX,ì<ó,ì,Ü,Ü,É,μ,Ü,·B
 - œŠO“í',©,ç'P^è,ì IP fAfhfCEfX,Ü,½,í IP fAfhfCEfX“í',ðŽæ,è[œ, .,é,É,í[A[œŠO, .,é,É,ífxfr[fv,
f{fbfNfX,Á-Ü“¹,lfAfhfCEfX,Ü,½,í'í',ðfNfŠfbfN,μ[AŽÝ,É [i[œ] ,ðfNfŠfbfN,μ,Ü,·B
œŠO“í',É,í[A,Ü,©,ì DHCP fT[fpo[íA'ñ DHCP fNf%ofCfAf“fg[AffBfXfNfCEfX f[fNfXfe[fvff“[A,Ü,½,í
RAS fNf%ofCfAf“fg,Æ PPP fNf%ofCfAf“fg,ÉŽè“ @,ÁŠ,,è“-.,Á,½ IP fAfhfCEfX,ð[A, .,x,ÁŠÜ,ß,Ä, ., .K—
v,ª, .,è,Ü,·B
- fxfr[fv“à,ì IP fAfhfCEfX,ìfŠ[fXŠúŠO,ðŽw'è, .,é,É,í[A[ŠúŠO]
 ,ðfNfŠfbfN,μ[AŽÝ,É[A[“ú][A[ŽžŠO][A, .,æ,Ñ [ª] ,ìŠef{fbfNfX,ÁAfAfhfCEfX fŠ[fX,ì',ª,ð'è< .,.,é,í,ð“ü
—í,μ,Ü,·B
fxfr[fv“à,ì IP fAfhfCEfX fŠ[fX,ìŠúCEÀ,ª[ø,è,è,ç,æ,ª,É, .,é,É,í[A[-³ŠúCEÀ] ,ðfNfŠfbfN,μ,Ü,·B-
³ŠúCEÀ[A, .,É,í,è,º%í±“¹,ÉfŠ[fX,ðŽg,ª,Æ,«,í[A\ª,è'Óª·K—v,Á,·B
- [¼'O] f{fbfNfX,É[A128 ·¶Žš,Ü,Á,lfxfR[fv-¼,ð“ü—í,μ,Ü,·B
 ,» ,lfTfufjfbfg,ð·, .,½,ß,ì“C^Ó,ì-¼'O,ðŽw'è,Á,« ,Ü,·B-¼'O,É,í[A%opŽš[A“Žš[A, .,æ,ÑfncfTf“ ,ðŽg—
p,Á,« ,Ü,·B
- K—v,É%ž,¶,ÁAfxfR[fv,ÉŠÖ, .,é[à-¾,ð [fRf]“fg] f{fbfNfX,É“ü—í,μ,Ü,·B

'[

- fxfr[fv,ì]i-.,ð]i-¹, .,é,Æ[A]i-.,μ,½fxfr[fv,ªfAfNfefBfu,Á,È,ç,±,Æ,ð'Ó, .,é[fbfZ][fw,ª·\
Ž,¹,è,Ü,·B[.í,ç] ,ðfNfŠfbfN, .,é,Æ[A]i-.,μ,½fxfr[fv,ì'¼,è,ÉfAfNfefBfu%» ,³,è,Ü,·B,½,¾,μ[A,±
 ,lfxfR[fv,É'í, .,é DHCP f{fvfVff“ ,ì'è< ,ðŠ@—¹, .,é,Ü,Á,í[A[V,μ,ì]i-.,μ,½fxfr[fv,ðfAfNfefBfu,É,μ,È,ç,Á, -
 ,¾,³,ç[B
- IP fAfhfCEfX“í',É,í[A[Š]ŽnfAfhfCEfX] f{fbfNfX, .,æ,Ñ [i—¹fAfhfCEfX] f{fbfNfX,É“ü—
 í,μ,½fAfhfCEfX,àŠÜ,Ü,è,Ü,·B,±,ì'í',É,í[AŠù“¶,ì[Á',É[ì]i-.,³,è,½Rf“fsf...[f^ ,lfAfhfCEfX,ðŠÜ,ß,È,ç,æ,ª,
 É,μ,Á,¾,³,ç[Bfxfr[fv,ì'í',ª,±,è,ç,ì[Á“lfAfhfCEfX,ðŠÜ,Ü,È,ç,æ,ª,É, .,é,©[A,Ü,½,í,±
 ,é,ç,ì[Á“lfAfhfCEfX,ðfxfr[fv,ì'í',©,ç'¼,è,É[œŠO,μ,È, .,é,í,È,è,Ü,¹,ñB,Ü,½ADHCP fT[fpo[Ž“í,ì[Á“¹,É[
 i-.,³,è,Ä,ç,é,í,ÁADHCP fT[fpo[.ì IP
 fAfhfCEfX,ªfxfr[fv,ì'í'ISO,É, .,é,©[A,Ü,½,lfxfR[fv,ì'í',©,ç[œŠO,³,è,Ä,ç,é,±,Æ,ðŠm“F,μ,Á,¾,³,ç[B

DHCP fxfr[fv,ðfAfNfefBfu,É, .,é,É,í

- [fxfr[fv] fffj...[.ì [fAfNfefBfu%»] ,ðfNfŠfbfN,μ,Ü,·B
 'ð,μ,½fxfr[fv,ªE»¶fAfNfefBfu,É,È,Á,Ä,ç,é[è[†,í[Affj...[.ì ,lfRf]f“fh-¼,í [“ñfAfNfefBfu%»]
 ,É·í,í,è,Ü,·B

ŠÖ~A[€-Ü

fx[fpo[fxfr[fv,ð]i-.,æ,Ñ[œ, .,é

fx[]fp[]fxfr[]fv

fx[]fp[]fxfr[]fv, í[]ADHCP ft[]fo[], É•Ê, ÌŠK'wfCFxf<, ð'Ç
%oÁ, µ, Ü, ·[]Bfx[]fp[]fxfr[]fv, í[]Aft[]fo[], ÌfEfBf"fhfE<æ%oæ, Ì%oº, É[]d, È, ç, è, Ü, ·[]Bfx[]fp[]fxfr[]fv, ðŽg, x
, ±, Æ, É, æ, è[]ADHCP ft[]fo[], í[]Afc[]ftfjfbfg fzfof[]fg, È, Ç, Ì'P^è, Ì•" —ftfufjfbfg[]ă, Å[]A•i[]", Ì~_—[]IP
ftfufjfbfg, ðŠÇ—[], Å, «, é, æ, x, É, È, è, Ü, ·[]Bfx[]fp[]fxfr[]fv, í[]A"—[]%o, ÌCEv
%oæ, æ, è, à'½", ÌfzfXfg, ðfjfbfg[][]fN, É'Ç
%oÁ, µ, È, , è, Ì, È, ç, È, ç[]è[]#, à[]Aflfbfg[][]fN"Ô[]t, ð•t, '¼, ·[]è[]#, É•Ö—~, Å, ·[]B
'P^è, Ìfx[]fp[]fxfr[]fv"à, É•i[], Ì^Ù, È, éfxfr[]fv, ðfof<[]fv%o», ·, é, ±
, Æ, º, Å, «, Ü, ·[]B, », Ìèè[]#[]A, », è, ç, Ìfxfr[]fv, í[]AZqfxfr[]fv, ÆCEÄ, Ì, è, Ü, ·[]B

fXfR[fv,lfvf]pfefB,ð•ïX,•,é

fTfufjfbfg ID ,ÆfAfhfCEfX fvf<,ðfXfR[fv,lfvf]pfefB,Æ,ç,ç,Ü,•B

Šù'¶,lfXfR[fv,lfvf]pfefB,í•ïX,Å,«,Ü,•B

fAfNfefBfu,ÈfŠ[fX,ðŠÜ,þfAfhfCEfX"í^í,íœŠO,Å,«,Ü,¹,ñB,Ü,, AfAfNfefBfu,ÈfŠ[fX,ðíœ,µAŽŸ,ÉœŠ
O,ðÄ"xŽÄs,µ,Ü,•B

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

,Æ,í,Å,«,Ü,¹,ñB,½,¾,µAfAfhfCEfX"í^í,©,ç"Á'è,lfAfhfCEfX,ðœŠO,•,é,±,Æ,í%Å"\,Å,•B

DHCP fXfR[fv,lfvf]pfefB,ð'è` ,•,é,É,í

1 [DHCP f]fj[fWff] fEfBf"fhfE,ì [DHCP fT[fo[] ^ê—,ÅAfvf]pfefB,ð•ïX,•,é,fXfR[fv,ð'í'ð,µ,Ü,•B

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

3 fXfR[fv,í'í,í•ïX,ìÚ×,É,Å,ç,Ä,íA□ufXfR[fv,ð□□¬,•,é□v,ðŽQ□Æ,µ,Ä,,¾,³,ç□B

ŠÖ~A□€-Ú

fNf%œfCfAf"fg fŠ[fX,ðŠC—□,•,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,Á,ìŠÖAííœ,·,éfXfR[fv,đ"ñfAfNfefBfu
%œ»„µ,Ä,“,«,Ü,·BfNf%ofCfAf"fg,đ,Ü,©,|fXfR[fv,ÉŽè"®,Á^Ú"®„·,é,É,íA¶Nf%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—,ÁAííœ,·,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 [fTf fbf g fZfOf f" fg, È, Ç, ì P ^ è, ì • —
[fTfu f fbf g ã, Å A • i " , ì _ — IP fTfu f fbf g, ð Š Ç — , , é, ±, Æ, ð, Å, «, é, æ, x
, É, 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 f fbf g f [fN, É ' Ç
% Á, µ, È, , é, ì, È, ç, É, ç, ê ð #, à Af fbf g f [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 fNf Š fbfN, µ, Û, · B
- 2 [fX [fp [fXfR [fv, ì ñ ò ñ] , ð fNf Š fbfN, µ, Û, · B
- 3 fX [fp [fXfR [fv, ì -¼ ' O, ð " ü — í, µ A [OK] , ð fNf Š fbfN, 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 fNf Š fbfN, 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,Û,·B

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

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

fX[fP[fXfR[fv,©,çfXfR[fv,ðíœ,·,é,É,Í

▶ [ŽqfXfR[fv] ^ê—,ÅfXfR[fv,ð'I'ð,μA[íœ] ,ðfNfŠfbfN,μ,Û,·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,íí[œ,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 [] -fifvfVfjf" ,đŠ,,è"- ,Ä,é

IP fAfhfCEfX [] •ñ, É%oÁ, ĀADHCP fNf%ofCfAf"fg, É"n, , , » , ì, Ù, ©, ì DHCP fifvfVfjf" , àAfXfR [] [fv, ? , Æ, É [] [] - , μ, È, , é, Ì, È, è, Û, , ñ [] B

fifvfVfjf" , [] A, , x, Ä, ĩXfR [] [fv, É'í, μ, ĀfOf [] [fof< , É'è< , , é, ±, Æ, à [] A'í'đ, μ, ½fXfR [] [fv, Û, ½, íCEĀ•É, ì DHCP fNf %ofCfAf"fg, É'í, μ, Ā'è< , , é, ±, Æ, à, Ā, «, , Û, [] B

- fAfNfefBfu, ĒfOf [] [fof< fifvfVfjf" f^fCfv, ĩAfXfR [] [fv, Û, ½, í DHCP fNf %ofCfAf"fg, É'í, , é [] Y'è, Ā [] ä [] ' , «, , ³, È, çCEĀ, è [] A [] í, É"K—p, , ³, è, Û, [] B

- fXfR [] [fv, É'í, μ, ĀfAfNfefBfu, ĒfifvfVfjf" f^fCfv, ĩACEĀ•É, ì DHCP fNf %ofCfAf"fg, É'í, , é [] Y'è, Ā [] ä [] ' , «, , ³, È, çCEĀ, è [] A, » , ĩXfR [] [fv" à, Ì, , x, Ä, ĩRf"fsf... [] [f^ , É"K—p, , ³, è, Û, [] B

Microsoft DHCP fifbfjgf [] [fN fpfPfbfg, Ā, ĩADHCP fifvfVfjf" , Ì, ½, B, É 312 fofCfg, ðŠ,, è"- , Ä, ç, è, Ä, ç, Û, [] B, ± , è, [] A'â • • ð, ĩfifvfVfjf" [] [] - , É, Æ, Ā, Ā [] • ð, È'â, «, , ³, Ā, [] BDHCP fT [] [fo [] [, â DHCP fNf %ofCfAf"fg, É, æ, Ā, Ā, ĩADHCP fpfPfbfg, ĩŽg, í, è, Ā, ç, È, ç—ì^æ, É, , ³, ç, ĒfifvfVfjf" , đŠ,, è"- , Ä, é, ± , Æ, ð, Ā, «, , Û, [] BfifvfVfjf" f [] [fo [] [fCEfC, ÆCEĀ, ĩ, è, é, ±, Ì<@ "\, ĩAMicrosoft DHCP fT [] [fo [] [, Ā, ĩfTf [] [fg, , ³, è, Ā, ç , Û, , ñ [] B312 fofCfg, æ, è'â, «, , ç—ì^æ, đŽg, x, Æ [] AfifvfVfjf" [] [Y'è, Ì'è • " , ðŽ , í, è, Û, [] B, ±, Ì, æ, x, È [] è [] [, ĩAZg— p, μ, È, çfifvfVfjf" , à [] d—v, Ā, ĩ, È, çfifvfVfjf" , ð [] [œ, μ, Ā, , ¾, ³, ç [] B

fT [] [fh fp [] [fefB [] » , ì DHCP fT [] [fo [] [, đŽg, Ā, Ā, ç, é [] è [] [, ĩAMicrosoft DHCP fNf%ofCfAf"fg, ðfifvfVfjf" f [] [fo [] [fCEfC, ðfTf [] [fg, μ, Ā, ç, È, ç, ±, Æ, É' [] ^ Ó, μ, Ā, , ¾, ³, ç [] BfifvfVfjf" fZfbfg, ð 312 fofCfg, đ' , Ì, é [] è [] [, ĩAMicrosoft DHCP fNf%ofCfAf"fg, ðŽg, x [] Y'è, ðAfifvfVfjf" , Ì'è— , ĩ [] A [] % , ÈŠÛ, Û, è, Ā, ç, é, ±, Æ, đŠm" F, μ, Ā, , ¾, ³, ç [] BMicrosoft DHCP fNf%ofCfAf"fg, ĩA [] A [] % , Ì 312 fofCfg, đ' , Ì, é [] Y'è, ĩ" Ç, YZæ, è, Û, , ñ [] B

DHCP [] -fifvfVfjf" ,đŠ,,è"- ,Ä,é,É,í

1 [DHCP f } f [] [fWff] fEfBf"fhfE, ì [DHCP fT [] [fo [] [] ^è— , Ā [] A [] [] - , , éfXfR [] [fv, đ'í'đ, μ, Û, [] B

2 CE» [] Y'í'đ, μ, Ā, ç, éfT [] [fo [] [] ä, Ì, , x, Ä, ĩXfR [] [fv, É'í, μ, ĀfifvfVfjf" [] [Y'è, đ'è< , , é [] è [] [, ĩA [] DHCP fifvfVfjf"] f [] [ff... [] [, ĩ [] fOf [] [fof<] , đfNfŠfbfN, μ, Û, [] B [DHCP f } f [] [fWff] fEfBf"fhfE, ĀCE» [] Y'í'đ, μ, Ā, ç , éfXfR [] [fv, É'í, μ, ĀfifvfVfjf" [] [Y'è, đ'è< , , é [] è [] [, ĩA [] DHCP fifvfVfjf"] f [] [ff... [] [, ĩ [] XfR [] [fv] , đfNfŠfbfN, μ, Û, [] B

3 [Žg—p, μ, È, çfifvfVfjf"] ^è— , Ā [] A "K—p, , é DHCP fifvfVfjf" , Ì-¼' O, đ'í'đ, μ, Û, [] BŽŸ, É [] A [] ' Ç%oÁ] , đfNfŠfbfN, μ [] A'í'đ, μ, ½fifvfVfjf" -¼, đ [Žg—p, , éfifvfVfjf"] ^è— , É'ú" © , μ, Û, [] B

^è— , É, ĩA'è< [] [, YfifvfVfjf" , Æ"ÆŽ © , É [] [] - , μ, ½fifXf^fE fifvfVfjf" , Ì-¼• Û, ð • Ž, , ³, è, Û, [] B, ½, Æ, ĩ, ĩAfRf"fsf... [] [f^ , É DNS fT [] [fo [] [, đŽw'è, , é [] è [] [, ĩA [] Žg—p, μ, È, çfifvfVfjf"] ^è— , ĩ [006 DNS fT [] [fo [] [, đfNfŠfbfN, μ [] AŽŸ, É [] ' Ç%oÁ] , đfNfŠfbfN, μ, Û, [] B

, ±, ĩNf%ofX, É'í, μ, ĀŠ,, è"- , Ä, ç, è, Ä, ç, é DHCP fifvfVfjf" , ð [] [œ , , é [] è [] [, ĩA [] Žg—p, , éfifvfVfjf"] f {fbfNfX, Ā [] A [] [œ , , éfifvfVfjf" , Ì-¼' O, đfNfŠfbfN, μ [] AŽŸ, É [] [œ] , đfNfŠfbfN, μ, Û, [] B

4 fAfNfefBfu, ĒfifvfVfjf" , Ì'í, đ'è< , , é, É, ĩA [Žg—p, , éfifvfVfjf"] f {fbfNfX, Ā [] A'í'đ, đ'è< , , éfifvfVfjf" , Ì-¼' O, đfNfŠfbfN, μ [] A [] 'í] , đfNfŠfbfN, μ, Û, [] B • Ó [] W, , é"à—e, , æ, Ñ • ù • @ , ĩAfifvfVfjf" , ĩff [] [f^ CE^ , É %ož, ĩ, ĀŽŸ, ĩ, æ, x, É^ Û, È, è, Û, [] B

- IP fAfhfCEfX, ĩ [] è [] [, ĩA'í'đ, μ, ½fifvfVfjf" , ÉŠ,, è"- , Ä, éfAfhfCEfX, đ"ü—í, μ, Û, [] B
- [] "í, ĩ [] è [] [, ĩA"K [] Ø, É 10 [] í'í, Û, ½, ĩ 16 [] í'í, đ"ü—í, μ, Û, [] B
- • ĩŽš—ñ, ĩ [] è [] [, ĩA • ĩŽš, Û, ½, ĩ [] "Žš, © , ç, È, é"K [] Ø, É ASCII • ĩŽš—ñ, đ"ü—í, μ, Û, [] B

, ½, Æ, ĩ, ĩADHCP fNf%ofCfAf"fg, ðŽg, x DNS f [] [fE fT [] [fo [] [, đŽw'è, , é, É, ĩA [Žg—p, , éfifvfVfjf"] ^è— , ĩ [006 DNS fT [] [fo [] [, đfNfŠfbfN, μ [] AŽŸ, É [] A [] "z—ñ, ĩ • Ó [] W] , đfNfŠfbfN, μ, Ā DNS fT [] [fo [] [, ĩ IP fAfhfCEfX, ĩ^è— , đ"ü—í, μ, Û, [] B ^è— , ĩ [] æ" ð, ĩfT [] [fo [] [, © , ç [] [, ÉŽQ [] Æ, , ³, è, é, ½, B [] A—D [] æ" x, ĩ [] , ç , à, Ì, © , ç [] [, É DNS fT [] [fo [] [, ĩAfhfCEfX, đ"ü—í, μ, Û, [] B

fifvfVf#f" ,l' ,d•iX , ,é

'è< \i, Y DHCP fifvfVf#f" f^fCfv, ,æ, Ñ"ÆŽ©, É□□- , μ, ½ffXf^f€ DHCP fifvfVf#f" f^fCfv, l' ,l' ,i•iX, Å, «, Ü, •□B
IP fAfhfCEfX, l"z—ñ, dŽg, x fifvfVf#f" , í□A0.0.0.0 , aŠù'è' l, Å, •□B, ±, ì, æ, x
, È fifvfVf#f" , dŽg, x □é□#, í□AŠù'è' l, d□Å□Ý'è, μ, Å, , ¾, ¾, □□B, Ü, ½, í□AŠY" - , , é fifvfVf#f" , dfof□□[fof<, ÉŠ,,, è"-
, Å, é, Æ, «, â' l' d, μ, ½fXfR□[fv, ÉŠ,,, è"- , Å, é, Æ, «, É□A•K, , •É, l' ,l' ,d□Ý'è, μ, Å, , ¾, ¾, □□B□Ú□x, É, Å, □, Å, í□A□uDHCP
□□-fifvfVf#f" , dŠ,,, è"- , Å, é□v, dŽQ□Æ, μ, Å, , ¾, ¾, □□B

fifvfVf#f" f^fCfv, l' ,l' ,d•iX , ,é, É, í

- 1 [DHCP fifvfVf#f"] f□ff...□[.l [Šù'è' l] , d fNfŠfbfN, μ, Ü, •□B
- 2 [fifvfVf#f" fNf%ofX] ^è—, Å□A' l, d•iX , , é fifvfVf#f" fNf%ofX, d fNfŠfbfN, μ, Ü, •□B
- 3 fifvfVf#f" , lŠù'è' l, d•iX , , é□é□#, í□A[fifvfVf#f" -¼] ^è—, Å•iX , , é fifvfVf#f" , d fNfŠfbfN, μ□A['l] f{fbfNfX, Å□V, μ, □' l, d□Ý'è, μ, Ü, •□B
fifvfVf#f" , lŽí—p, É%ž, ¶, Å•\Ž!, ¾, é, é [•Ö□W] , d fNfŠfbfN, , é, Æ□A•¶Žš—ñ□AIP fAfhfCEfX, l"z—
ñ□A, Ü, ½, ífofCfifŠ' l, d•Ö□W, , é, ½, B, l"Á•É, Èf_fCfA□fO f{fbfNfX, a•\Ž!, ¾, é, Ü, •□B
- 4 ffXf^f€ fifvfVf#f" , lŠí—{ "l, È—v' f, d•iX , , é□é□#, í□A[fifvfVf#f" -¼] ^è—, ÅffXf^f€
fifvfVf#f" , d fNfŠfbfN, μ□AZŽ, É [•iX] , d fNfŠfbfN, μ, Ü, •□B
fifvfVf#f" f^fCfv, l-¼' O□Aff□[f^CE^□AID□A, , æ, ÑfR□f" fg, l' ,l' ,i•iX, Å, «, Ü, •□B•iX, lŽè□#, É, Å, □
, Å, í□A□u□V, μ, □ fifvfVf#f" f^fCfv, d' C%Á , , é□v, dŽQ□Æ, μ, Å, , 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'ì,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'ì] ,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,ì“ÆŽ©,É'Ç%Á,μ,½“C^Ó,ìffXf^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,é'ì,Á,·□B
[fofCfG] ,Í□A8 frfbfg,ì•„□t,È,μ□@□” ,Á,·□B
[fflvfZf<%»] ,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}fì□[fWff,Í□AfGf“fgfŠ,ª□d•i,μ,Ä,ç ,é,©,Ç,κ,©,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'ì] f_CfAf□fo f{fbfNfX,ì ['ì] f{fbfNfX,Á□AflfvfVf#f“ f^fCfv,ìŠù'è'ì,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'ì] ,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
- '□
- fffXf^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—p,ìfìfvfVf†f“,đ'è<` ,.é

—\-ñ IP fAfhfCEfX,đŽg,α DHCP fNf%oCfAf“fg,É'í,μ,Ä,ÍADHCP fìfvfVf†f“,đŠ,,è“-
,ÄA fJfXf^f€'l,đŽw'è,.,é,±,Æ,²,Ä,«,Ü,·B—\-ñ,ÍA[—\-ñfNf%oCfAf“fg,ì'Ç%oÁ] f_fCfAf†fO
f{fbfNfX,Ä□□¬,μ,Ü,·B

—\-ñ—p,ìfìfvfVf†f“,đ•ï□X,.,é,É,Í

- 1 [fXfR□[fv] f□fj...□[.],ì [fAfNfefBfu fŠ□[fX] ,đfNfŠfbfN,μ,Ü,·B
- 2 [fNf%oCfAf“fg] ^è—,ÄA fìfvfVf†f“,đ•ï□X,.,éfNf%oCfAf“fg,đfNfŠfbfN,μ□A[fvf□fpfefB]
,đfNfŠfbfN,μ,Ü,·BŽŸ,É□A[fìfvfVf†f“] ,đfNfŠfbfN,μ,Ü,·B
[fìfvfVf†f“] f{f^f“,đ~—p,Ä,«,é,ì,Í□A—\-ñfAfhfCEfX,ì□é□†,¾, -,Ä,·B“@“IfAfhfCEfX,đŽ□,Ä DHCP fNf
%oCfAf“fg,ì□é□†□A,±,ìf{f^f“,Í~—p,Ä,«,Ü,¹,ñ□B
- 3 [DHCP fìfvfVf†f“□F —\-ñ] f_fCfAf†fO f{fbfNfX,ì [Žg—p,μ,È,çfìfvfVf†f“] ^è—,ÄfìfvfVf†f“-
¼,đfNfŠfbfN,μ,Ü,·BŽŸ,É□A[‘Ç%oÁ] ,đfNfŠfbfN,μ□A'ì'đ,μ,½-¼'O,đ [Žg—p,.,éfìfvfVf†f“] ^è—
,É^Ú“@,μ,Ü,·B
—\-ñfAfhfCEfX,ÉŠ,,è“-.,Ä,ç,è,Ä,ç,éfìfvfVf†f“ f^fCfv,đ□í□œ,.,é□é□†,Í□A[Žg—p,.,éfìfvfVf†f“] ^è—
,Ä□A□í□œ,.,éfìfvfVf†f“,ì-¼'O,đfNfŠfbfN,μ□AZŸ,É [□í□œ] ,đfNfŠfbfN,μ,Ü,·B
- 4 [Žg—p,.,éfìfvfVf†f“] ^è—,Ä'ì'đ,μ,½fìfvfVf†f“,ì'ì,đ•ï□X,.,é,É,Í□A[‘l] ,đfNfŠfbfN,μ□AZŸ,É□ACE»□Ÿ,ì'l,²·\
Žl,³,è,Ä,ç,éf{fbfNfX,É□V,μ,ç'l,đ“ü—í,μ,Ü,·B

—\-ñ

“Á’è,ì DHCP fNf%ofCfAf“fg,ì,½,ß,É—\-ñ,³ê,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□¬,³ê,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 ftfgfEfFfA, ÅfTj[f, 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[í-] 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^fCf€ flftfZfbfg

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

3 = f<[f^[]

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

4 = f^fCf€ fT[fó[]

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

5 = f[]f€ fT[fó[]

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

6 = DNS fT[fó[] ()**

fNf%ofCfAf“fg, ²—~—p, Å, «, é DNS f[]f€ fT[fó[], ì IP fAfhfCefX, ì^ê—, ðŽw'è, µ, Ü, ., Bf}f<f'fz[]f€ 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[]fU[] f[]f^fO%of€ fvf[]fgfRf<) f[]fO fT[fó[], ì IP fAfhfCefX, 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 fAfhfCefX, 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 fAfhfCefX, ì^ê—, ðŽw'è, µ, Ü, ., B(*)

10 = fCf“fvfCefX fT[fó[]

fNf%ofCfAf“fg, ²—~—p, Å, «, é Imagen fCf“fvfCefX fT[fó[], ì IP fAfhfCefX, 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,»„İŠÖ,ì•”•ª,É,í•ŕŽš□A□Žš□A,Ü,½,İfñfCftf“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,İŠù’è,İfu□lfg fCf□□[fW ftf@fCf<,İTfCfY,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,İfRfA fCf□□[fW,ªf_“fv,³,è,éftf@fCf<,İ ASCII fpfX-
¼,ðŽw’è,μ,Ü,·□B

15 = fhf□fCf“-¼ ()**

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

16 = fXf□fbfv fT□[fo□[

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

17 = f<□lfg fpfX

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

18 = Šg’£fpfX

BOOTP %□ž“š“à,İfxf“f_Šg’£ftfB□[f<fh,Æ“˘,ŕ,ª,ª,É%□□đŽß,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,İ Tag 18
,Ö,İŽQ□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,³ftfBf<f^,Æ^è^v,μ,È,cf□[fX f<□[fgŽw’è□í,Ýff□[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□—’í,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’í,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) ‘ì,ì^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 ‘ì,í 68 ,Å,·□B

fCf“f^[]ftfFfCfX,²,Æ,ì IP fpf%of[]f^

fCf“f^[]ftfFfCfX,²,Æ,ì IP fpf%of[]f^,ìè——,í[]AŽŸ,ì,Æ,“,è,Å,·[]B,±,è,ç,ìfìfvfVfj“,ì[]AfCf“f^[]ftfFfCfX,²,Æ,ì IP ‘w,ì”@[],É%e<ç,μ,Û,·[]BfNf%ofCfAf“fg,í[]A•;[]”,ì—v<[],ð”-[]s,μ,Ä (1 fCf“f^[]ftfFfCfX,É,Å,« 1 ,Ä)[]AfCf“f^[]ftfFfCfX,ðfNf%ofCfAf“fg,ÉCEÅ—L,ìfpf%of[]f^,Å[] []-,·,é,±,Æ,²,Å,«,Û,·[]B

26 = MTU fìfvfVfj“

fCf“f^[]ftfFfCfX,É,ì,·,é MTU “CE@ftfCfY,ðŽw’è,μ,Û,·[]B[]Å[]-,ì MTU ‘l,í 68 ,Å,·[]B

27 = ,·,x,Ä,ìfTfufìfbfg,í[]fj<

fNf%ofCfAf“fg,²[]Ú±,³,è,Ä,ç,é[]fj< fTfufìfbfg,ì MTU ,Æ”-,¶ MTU ,²[]AfNf %ofCfAf“fg,ìfCf“f^[]fìfbfgf[]fN,ì’SfTfufìfbfg,Ä,àŽg,í,è,Ä,ç,é,à,ì,Æ[]AfNf %ofCfAf“fg,²‘z’è,·,é,©,Ç,κ,©,ðŽw’è,μ,Û,·[]B1 ,ðŽw’è,·,é,Æ[]A’SfTfufìfbfg,²”-,¶ MTU ,ð<κ—L,μ,Ä,ç ,é,à,ì,ÆCE@,É,μ,Û,·[]B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,í[]A,æ,è[]-,³,ç MTU ,ðŽg,¶fTfufìfbfg,²‘¶[]Ÿ,·,é,±,Æ,ð‘z’è,μ,Û,·[]B

28 = fuf[]fìfLfffxfg fAfhfCEfX

fNf%ofCfAf“fg,ìfTfufìfbfg[]ä,ÄŽg,í,è,éuf[]fìfLfffxfg fAfhfCEfX,ðŽw’è,μ,Û,·[]B

29 = f}fXfN”CE@,ìŽÀ[]s

fNf%ofCfAf“fg,²[]AICMP (Internet Control Message Protocol[]fCf“f^[]fìfbfg[]\$CEäf[]fbfZ[]fW fvf[]fgRf<),ðfTfufìfbfg f}fXfN”CE@,ÉŽg,κ,©,Ç,κ,©,ðŽw’è,μ,Û,·[]B1 ,ðŽw’è,·,é,Æ[]AfNf %ofCfAf“fg,ìf}fXfN”CE@,ðŽÀ[]s,μ,Û,·[]B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,ìf}fXfN”- CE@,ðŽÀ[]s,μ,Û,¹,ñ[]B

30 = f}fXfN fTfvf%ofCf,, fìfvfVfj“

fNf%ofCfAf“fg,²[]AICMP ,ðŽg,Ä,ÄfTfufìfbfg f}fXfN—v<[],É%ož“š,·,é,©,Ç,κ,©,ðŽw’è,μ,Û,·[]B1 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,í%ož“š,μ,Û,·[]B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,í%ož“š,μ,Û,¹,ñ[]B

31 = f<[]f^[]l”CE@,ìŽÀ[]s

fNf%ofCfAf“fg,²[]ARFC 1256 ,ìf<[]f^[]l”CE@·ùŽ®,ðŽg,Ä,Äf<[]f^[]l,ð—v[]ç,·,é,©,Ç,κ ,©,ðŽw’è,μ,Û,·[]B1 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,ìf<[]f^[]l”CE@,ðŽÀ[]s,μ,Û,·[]B0 ,ðŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,ìf<[]f^[]l”CE@,ðŽÀ[]s,μ,Û,¹,ñ[]B

32 = f<[]f^[]l—v[]çfAfhfCEfX

fNf%ofCfAf“fg,É,æ,éf<[]f^[]l—v[]ç—v<[],ì’ñ[]o[]æ IP fAfhfCEfX,ðŽw’è,μ,Û,·[]B

33 = []Ä“ìf<[]fg fìfvfVfj“

fNf%ofCfAf“fg,ìf<[]fèfBf“fO fLfffbfVf...,É’g,Ÿ[]ž,Û,è,é[]Ä“ìf<[]fg,ðŽì,·[]AIP fAfhfCEfX,ì’í,ìè—— ,ðŽw’è,μ,Û,·[]B”-,¶ —[]M[]æ,É’í,·,é,·;[]”,ìf<[]fg,í[]A[]~[]±,©—D[]æ[]±,É•Ä,x,ç,è,Û,·[]Bf<[]fg,í[]A’— []M[]æfAfhfCEfX,Æf<[]f^[]l fAfhfCEfX,ì’í,Ä,·[]Bšù’è,ìf<[]fg 0.0.0.0 ,í[]A[]Ä“ìf<[]fg,Ä,í•s[]³,É’— []M[]æ,Ä,·[]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,±
.é,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 fv[]fgfRf<,đŽg,Á,Ä,ç,é,Æ,«[]AfNf%ofCfAf“fg,³fgfCE[]f%o (RFC 983) ,lŽg—p,É,Å,ç
,ÄfjSfVfG[]fg,đ[]s,æ,©,Ç,æ,©,đŽw’è,μ,Û,·B1 ,đŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,lfgfCE[]f%o,đŽg—
p,μ,æ,æ,Æ,μ,Û,·B0 ,đŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,lfgfCE[]f%o,đŽg—p,μ,Û,¹,ñB

35 = ARP fLfffbfVf... f^fCf€fAfEfg

ARP fLfffbfVf... fGf“fgfŠ,lf^fCf€fAfEfg,đ•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,đŽg,æ,©,đŽw’è,μ,Û,·B1 ,đŽw’è,·,é,Æ[]AfNf
%ofCfAf“fg,Í RFC 1042 fjfvfZf<%o»,đŽg,ç,Û,·B0 ,đŽw’è,·,é,Æ[]AfNf%ofCfAf“fg,Í RFC 894
fjfvfZf<%o»,đŽg,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 flfvfVf†“

fNf%ofCfA†“fg,³ATCP fZfOf[]“fg,ð’—M,·,é,Æ,«,ÉŽg,αŠù’è,ì TTL (Time-To-Live[]F []‘[]ŽžŠÔ) ,ðŽw’è,μ,Û,·BflfNfefbfg,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[]fVf†“,©,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[]fWf†“,ìŽÀ’•,Æ,ìCEÝŠ·[]«,ð•Û,Å,½,β,É[]ATCP fL[]fvfA†%ofCfu f[]fbfZ[]fW,ÉfKfx[]fW ff[]f^ flfNfefbfg,ð•t, -,Ä’—[]M,·,é,©,ç,α,©,ðŽw’è,μ,Û,·B1 ,ðŽw’è,·,é,Æ[]AfKfx[]fW flfNfefbfg,³—[]M,³,é,Û,·B0 ,ðŽw’è,·,é,Æ[]AfKfx[]fW flfNfefbfg,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,lfvfVf#f“,í[]AfAfvfŠfP[]fVf#f“,“,æ,ŇfT[]fX,ì[]- ,ÉŽg,ç,Û,·[]B

fAfXf^fŠfXfN (*) ,ª•t,ç,Ä,ç,élfvfVf#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,İ,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“\ ,ÈfAfhfCEfX,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^ ,İžžCEv,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,©,Ä,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,·□BfŠ□[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«£□□, ,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“¯,İ□ø‘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“¯,İ IP fAfhfCEfX,đ□V«KfŠ□[fX,Æ,µ,ÄŽæ“¾,·,é,±,Æ,ª,ÖŽ~ ,³,è,Ä,ç,é,İ,¯,Ä,Í, ,è,Ü,¹,ñ□B,±,İ,½,ß□AfNf %ofCfAf“fg,ªŽÝ,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«KfAfNfefBfu fNf%ofCfAf“fg,ÉŠ,,è“- ,Ä,ç,è,é□è□□,ª, ,é,½,ß□Afİfbf□□[fN□ä,Ä IP fAfhfCEfX,ª□d•İ,·,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%ođ•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,đfİ“ ,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%oCfAf"fg—\—ñ,đŠÇ—□,·,é

fNf%oCfAf"fg,ì,½,ß,É"Á'è,ì IP fAfhfCEfX,đ—\—ñ,Á,«,Ü,·□B^è"É,É□AfNf%oCfAf"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
%oCfAf"fg—\—ñ,ì"~^è,Á, ,é·K—v,ª, ,è,Ü,·□BfNf%oCfAf"fg—\—ñ,ª^ù,É,é□é□±,ì□ADHCP —\—ñ□ì,ÝfNf
%oCfAf"fg,ªŽó, Žæ,é IP fAfhfCEfX,ì□A%ož"š,µ,½fT□[fo□[,É,æ,Á,Ä^ù,È,é,±,Æ,É,È,è,Ü,·□B

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—\—ñ,đ'Ç%oÁ,µ,È, ,è,ì,È,è,Ü,¹,ñ□B—\—ñ,³,è,½fNf%oCfAf"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%oCfAf"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%oCfAf"fg,É□V,µ,çfAfhfCEfX,đ—\—ñ,·,é□é□±,à□AfNf%oCfAf"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,æ,©,đŠm" F,·,é·K—v,ª, ,è,Ü,·□BfAfhfCEfX,ªŽg,ì,è,Á,ç,é□é□±□AfAfhfCEfX,đŽg,Á,Ä,ç,é fNf
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%ođ·ú,·,é,É,ì□AfNf%oCfAf"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%oCfAf"fg,à□A^è"· ,ìfT□[fH fp□[fefB□»ìfYfCE□[fefBf"fo fvfXfefè
 ,đŽg,Á,Ä,ç,é fNf%oCfAf"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
%oCfAf"fg,ª^È'ÓŽg,Á,Ä,ç,½fAfhfCEfX,ì—\—ñ,³,è,Ä,ç,é,ì,Á□AfNf
%oCfAf"fg,É,ì^ù,È,é fAfhfCEfX,ª□Ý'è,³,è,Ü,·□B

,Ü,½□AfAfhfCEfX,đ—\—ñ,µ,Ä,à□AfNf%oCfAf"fg,É,» ,ìfAfhfCEfX,ªŽ©"®"ì,É□Ý'è,³,è,é,í, ,Á,ì, ,è,Ü,¹,ñ□B,±
 ,ì□é□±,à□AfNf%oCfAf"fg,ì□',«Š·,ì—v□,đ"□s,·,é·K—v,ª, ,è,Ü,·□BfNf%oCfAf"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,-
 ,¾,³,ç□BDHCP fT□[fo□[,ì□A,» ,ìfNf%oCfAf"fg,ª—\—ñ,³,è,½fAfhfCEfX,đŽg,Á,Ä,ç,é,±,Æ,đŠm" F,µ□AfNf
%oCfAf"fg,É,» ,ìfAfhfCEfX,đ□Ý'è,µ,Ü,·□B

DHCP f}f□[fwff,Á IP fAfhfCEfX,đ—\—ñ,µ,½CEä,ì□AfNf%oCfAf"fg fRf"fsf...□[f^ ,đ□Ä^N"® ,µ□A□V,µ,ç IP
fAfhfCEfX,ÄfRf"fsf...□[f^ ,đ□Ä□□—,µ,Ä,,¾,³,ç□B

fNf%oCfAf"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%oCfAf"fg,đŽ~·É,·,é,½,ß,ì□î·ñ,đ"ü—ì,µ,Ü,·□B
 - [IP fAfhfCEfX] f{fbfNfX,É,ì□A—\—ñfAfhfCEfX fv□[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,¹,³,è,Ü,·□B
 - [^è^Ó,ì ID] f{fbfNfX,É,ì□AfNf%oCfAf"fg fRf"fsf...□[f^ ,ìfìfbfgf□□[fN fAf_fvf^ f□[fh,ì MAC (Media
Access Control) fAfhfCEfX,đŽw'è,µ,Ü,·□BMAC fAfhfCEfX,ì□AfNf%oCfAf"fg fRf"fsf...□[f^ ,ìfRf}f"fh
fvf□"fvfg,Á **net config wksta** ,Æ"ü—ì,·,é,ÆŠm" F,Á,« ,Ü,·□B
 - [fNf%oCfAf"fg-¼] f{fbfNfX,É,ì□AfNf%oCfAf"fg,ìfRf"fsf...□[f^ -¼,đŽw'è,µ,Ü,·□BfRf"fsf...□[f^ -
¼,ìŽ~·É,ì,½,ß,¾, ,ÉŽg,ì,è□AfNf%oCfAf"fg,ìŽÄ□Ü,ìfRf"fsf...□[f^ -¼,É,ì%oè< ,µ,Ü,¹,ñ□B
 - [fNf%oCfAf"fg fRf□"fg] f{fbfNfX,É,ì□AfNf%oCfAf"fg,đ□à-¾,·,é" C^Ó,ìfefLxfg,đ"ü—ì,µ,Ü,·□BfNf
%oCfAf"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□[□æ]
 ,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
 ,Ä,ì□A□ufNf%oCfAf"fg,ì—\—ñ,đ'Ç%oÁ,·,é,É,ì□v,đŽQ□Æ,µ,Ä,,¾,³,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,ì[]A—\-ñï,ÝfNf%ofCfAf“fg,ìé[]‡,¾,¯,Ä,·[]B

'[]

- —\-ñï,ÝfNf%ofCfAf“fg,ì[]\-f[]pf%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,-¾,¾,¾,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, ðið-] ,Æ [fXfR[fv, ðvfðpfefB]

[fXfR[fv, ðið-] f_CfAfðfO f{fbfNfX, íAftfufifbfg, ðV<KfXfR[fv, ðið-, ·, é, Æ, «, ÉŽg, ç, Ü, ·B, ±, ðfNfŠfbfN, µ, ½, Æ, «, É•Ž!, ³, ê, Ü, ·B

[fXfR[fv, ðvfðpfefB] f_CfAfðfO f{fbfNfX, íAfXfR[fv, ðvfðpfefB] fvf<ð•íX, ·, é, Æ, «, ÉŽg, ç, Ü, ·B, ±, ðfNfŠfbfN, µ, ½, Æ, «, É•Ž!, ³, ê, Ü, ·B

€-Ú

[P fAfhfCfX fvf<í, ð [Š]ŽnfAfhfCfX] ,Æ [ð-¹fAfhfCfX]

[ftfufifbfg f}fXfN]

[œŠO"íí], ð [Š]ŽnfAfhfCfX] ,Æ [ð-¹fAfhfCfX]

[œŠO, ·, éfAfhfCfX]

[fŠ[fXŠúŠÒ], ð [-³ŠúCÈÀ] ,Æ [ŠúŠÒ]

[-¼'O]

[fRf"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,ê,Ü,·□B
fvf%ofCf}fŠ fT□[fo□[□ä,ÅfXfR□[fv,ðfAfnfefBfu%o» ,·,é,É,í□A,±,ì□î•ñ,ð"ü—í,μ,È,˘,ê,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[Ĉ%Á]
,đfNfŠfbfN,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[fœ[A"ň DHCP fNf%ofCfAf"fgAfffBfXfNfĀfX 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©"®[Ń- ,É,í—~—p,Å,«,Ü,¹,ňB

[ŠO, .éfAfhfEfX]

IP fhfhfEfX, d'íoe, .é, É, íAíoe, .é IP fhfhfEfX, dfNfŠfbfN, μAZŽ, É [íoe] , dfNfŠfbfN, 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,ìÝ'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,è,Ä,ç,éè#<,ÍA,±,ìfvfOf%of€ ,đXfR[fv,²,Æ,ÉŽÀs,·,é·K—v,³,è,Û,·B

fobfNfAfbfv fRfs[,©,ç DHCP ff[f^fx[fX,đ·æCE³,μ,½,Æ,«A,Û,½,ìfvfXfef€,³Nf%ofbvf... ,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"ì,É,±,ìfvfOf%of€,đŽÀs,·,é,±,Æ,đ,,§,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, Ü, •B

[^ê^Ó,ì ID]

fNf%oCfAf“fg fRf“fsf...[]f^,ìfìfbfgf[][]fN fAf_fvf^ fj[]fh,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·ÏX, ·, 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, ìŽÀÛ, ìRf“fsf... [f^-¼, É, Í%e<ç, μ, Ü, ð, 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,ìA—\~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, µ, Ü, ·B
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]

[flfvfVf[]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^,ìfìfbfgf[][]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□AfNf%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,lfRf“fsf...[f^-¼,ð“ü—í,μ,Ü,·B

,±,ì-¼'O,íŽ·Ê,ì,½,ß,¾,¯,ÉŽg,í,êAfNf%ofCfAf“fg,ìŽÀÜ,lfRf“fsf...[f^-¼,É,í%oe<¿,μ,Ü,¹,ňB

[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,í□ADHCP 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 fvVf#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] ^è—,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,ìè□#,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 Ç » [Ý , ì ' l , ð • \ Ž | , Ü , ½ , í • Ò [W , Å , « , Ü , · [B

[fjfvfVfjf“ fNf%ofX]

•W□€,\AE—\—ñ,ì,Ç,ç,ì,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[][,i^ê^Ó,iž^-Éžq,a•\Ž|,³,ê,Ü,·[]B

[Žg—p,·,é!fVfVf#f“]

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

[Žg—p,μ,È,čfjfvfVfjf“]

[Žg—p,μ,È,čfjfvfVfjf“] ^ê—,Å□A“K—p,·,éjfvfVfjf“ 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,·,éjfvfVfjf“] ^ê—,É^Ú“®,μ,Ü,·□B

[Žg—p,μ,È,čfjfvfVfjf“] ^ê—,É,Í□A‘è<`□İ,ŸjfvfVfjf“,Æ“ÆŽ©,É‘Ç%oÁ,μ,½jfx^f€ jfvfVfjf“,ì-¼•û,ª\
Ž|,³,è,Ü,·□B,½,Æ,İ,Î□A‘I‘đ,μ,½fXfR□[fv“à,İRf“fsf...□[f^,ª□A^è‘è,İfŠ□[fXŠúŠŌ,đ—v<□,Å,«,é,æ,π
,É,·,é,É,Í□A[Žg—p,μ,È,čfjfvfVfjf“] ^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,éAfhfCEfX,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,)'Ç%Á] ,Æ [fifvfVf#f" f^fCfv,)'•İX]

,±,İf_fCfAf□fO f{fbfNfX,İ□A"ÆŽ©,İ DHCP_fifvfVf#f" f^fCfv,đ'Ç%Á,Ü,½,Í•Ö□W,·,é,Æ,«,ÉŽg,ç,Ü,·□B

,±,İf_fCfAf□fO f{fbfNfX,đ•\Ž|,·,é,É,İ□A[DHCP_fifvfVf#f"'] f□fj...□[,İ [Šù'è'I]

,đNfŠfbfN,μ□AŽŸ,É□A•İ□X,·,éfNf%ofX,đNfŠfbfN,μ,Ü,·□B□V,μ,çfifvfVf#f" f^fCfv,đ'Ç%Á,·,é,É,İ□A[□V<K]

,đNfŠfbfN,μ,Ü,·□BŠù'¶,İ"ÆŽ©,İfifvfVf#f" f^fCfv,đ•Ö□W,·,é,É,İ□A[fifvfVf#f" -¼] f{fbfNfX,Å-

Ú"İ,İfifvfVf#f" -¼,đNfŠfbfN,μ□AŽŸ,É [•İ□X] ,đNfŠfbfN,μ,Ü,·□B

□€-Ú

[fNf%ofX]

[-¼'Ö]

[ff□[f^ÇE^]

["z—ñ]

[ID]

[fRf□f"fg]

[fNf%ofX]

[DHCP fIfvVfjf“□F Šù'è'l] f_CfAf□fO f{fbfNfX,Å'l'ö,μ,½fIfvVfjf“ 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,±,ìfifvVf#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,·,é|fifvfVf#f" f^fCfv,|fifvfVf#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#“ ,lff□[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,ì'Ç%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]

[fifvfVfjf“-¼] ^ê—,Å‘ð,μ,½fifvfVfjf” f^fCfv,ð•ïX,·,é,É,íA[•ïX] ,ðNfŠfbfN,μ,Ü,·B

[•ÒW] ,Æff[f^E^

•\Ž!,³,ê,éff[f^E^,íA,±,lfvfVfj“,É’è<`ï,Ý,ìE^,©A[lfvfVfj“ f^fCfv,ì’Ç%Á] f_CfAfO
f{fbfNfX,Á’è<`³,ê,½E^,Á,·B’l’ð,μ,½lfvfVfj“,ì’l,ª”z—ñ,ìê#;íA[•ÒW] f{f^f“,ª•\Ž!,³,ê,Ü,·B
[•ÒW] ,ðfNfŠfbfN,·,é,ÆA’l’ð,μ,½lfvfVfj“,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,½flfvVf#f“ f^fCfv,ìŠù'è,ì IP fAfhfCEfX'í,ð•í□X,.,é,Æ,«,ÉŽg,ç,Ü,·□B,±
,lf_fCfAf□fo f{fbfNfX,ð•\Ž|,.,é,É,í□A[DHCP flfvVf#f“□F Šù'è'í] f_fCfAf□fo f{fbfNfX,ì [flfvVf#f“-¼]
f{fbfNfX,Å□Aff□[f^CE^,ª IP fAfhfCEfX,ì”z—ñ,Å, ,éflfvVf#f“-¼,ðfNfŠfbfN,μ□AZŽ,É [•Ò□W]
,ðfNfŠfbfN,μ,Ü,·□B

□€-Ú

[fAfvfŠfP□[fvf#f“] ,Æ [flfvVf#f“]

[□V,μ,ç 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 fAfhfCfX]

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

[IP fAfhfCefX]

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

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

,Û,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,đŽw'è,μ,Û,·□B^ê—
,ì't,ìfAfhfCefX,ì□‡□~,đ•ï□X,·,é,É,í□A•ï□X,·,éfAfhfCefX,đfNfŠfbfN,μ□AŽŸ,É□ăCEü,«-î^óf{f^f",Û,½,í
%^oCEü,«-î^óf{f^f",đfNfŠfbfN,μ,Ă□AfAfhfCefX,ì^É'u,đ^Ú"® ,μ,Û,·□B

[fT[fO[-¼]

IP fAfhfCEfX,đ'è<` ,:é DHCP fT[fO[,đŽw'è,·,é,É,íAíT[fO[-¼] f{fbfNfX,ÉfT[fO[,ì-¼'O,Ü,½,í IP fAfhfCEfX,đ"ü—í,μ,Ü,·B-¼'O,ì%øCE^,ðs,ϣ,É,íA[%øCE^] ,ðfNfŠfbfN,μ,Ü,·B

[%oδCE^]

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

[" " " " z — ñ f G f f f B f ^]

, ±, ì f_c f A f f O f { f b f N f X, í A ' ' ð, µ, ½ f l f v f V f f f " f ^ f C f v, ì Š ù ' è ' !, ð • Ì X, ., é, Æ, «, É Ž g, ç, Ü, · B, ±, ì f_c f A f f O
f { f b f N f X, ð • \ Ž |, ., é, É, í A [D H C P f l f v f V f f f " f F Š ù ' è ' !] f_c f A f f O f { f b f N f X, ì [f l f v f V f f f " - ¼]
f { f b f N f X, Å A f f [f ^ C E ^, º " " ' !, " z — ñ, Å, , é l f v f V f f f " - ¼, ð N f Š f b f N, µ A Ž Ÿ, É [• Ò W] , ð N f Š f b f N, µ, Ü, · B

[€ - Ú]

[f A f v f Š f P [f v f f "] . Æ [f l f v f V f f f "]

[f t f j f b f g f T f C f Y]

[V, µ, ç ']

[C E » Y ']

[f f [f ^ " ü — í f, [f h]

[ftfjfbfg fTfCfY]

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

[V,μ,ϕ']

"z—ñ,É'Ç%Á,·,é[V,μ,ϕ']đŽw'è,μ,Ü,·B

[V,μ,ϕ'] f{fbfNfX,É'I,đ"ü—Í,μ,Ü,·BŽŸ,ÉA[Ç%Á] ,đfNfŠfbfN,μA"ü—Í,μ,½'I,đ [CE»Y,ì'I] ^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,č'l,đ'Ç%oÁ,·,é,É,í□A[□V,μ,č'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

,Û,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□äCEü,«-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, i[]Å%°•” ,ÉfXfe[]f^fX fo[][,đ•\Ž!,μ,Ü,·[]BfXfe[]f^fX fo[][,É,í[]ACE»[]Ý‘!đ,³,ê,Ä,ç,éfRf}f“fh,âCE»[]Ý,ì— —p[]ó<μ,É,Â,ç ,Ä,ìî•ñ[]A,“,æ,Ñ‘!đ,³,ê,½fXfR[]fV,²fAfNfefBfu%°»,³,ê,Ä,ç,é,©,Ç,α,©,²•\Ž!,³,ê,Ü,·[]B

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

