

address,É, ,éfCf“fXfg[f<ï,YVxdf,fWf...[f<,ª-ç'èè` ,ìNLMŠÖ”(function_name)
,ÉfAfNfZfX,μ,æ,ª,Æ,μ,Û,μ,½

à-¾

•\Ž|,³,ê,½<@“\,ðANIOS,Û,½,Íf[fhï,Ý,ìNLM*fvfOf%of€,ªfGfNfXf|[fg,μ,Ä,ç,Û,¹,ñBCEÄ,Ño,μ'ª
,ìVxDfvfOf%of€,ÆA,»,ìVxDfvfOf%of€,ª<@“\,ÍfGfNfXf|[fgæ,Æ'z'è,μ,Ä,ç,éNLMfvfOf%of€
,Æ,ìfo[fWfj“,ì•s^è'v,ªl,ì,ç,ê,Û,·B

*fmfxf<,ìª•W@**fT[fhfp[fefB,ìª•W
Ûx,ìª•W,ðŽQÆ,μ,Ä,,¾,¾,çB

VMLID: Free called with uninitialized Zone!

□à-¾

“à•”f□f,ſŠ,)”j%ó,ªŒÿ□o,³,ê,Û,µ,½□B

VMLID: Lost in Zone Array!

□à-¾

“à•”f□f,ſŠ,)”j%ó,ªŒÿ□o,³,ê,Û,µ,½□B

ABENDf0fbfZ0fW

0à-¾

NetWare* Client* 32*,đŽÀ0s,μ,æ,π,Æ,μ,½,Æ,<,É0d'â,ÉfGf%o0[,â"0¶,μ,Ü,μ,½0B

0^'u

f0fbfZ0fW,â•\Ž|,¾,ê,½,Æ,<,É0s,Á,Ä,ç,½0^—0,Æ0A•\Ž|,¾,ê,½ABENDf0fbfZ0fW,đ<L~^,μ,Ä,-
,¾,¾,ç0BŽŸ,Éf00[fNfXfe0[fVf#f“,đ0Ä<N“® ,μ,Ü,·0B

“Á'è,ìClient 32f,fWf...0[f<,ÉCEÁ—L,ìABENDf0fbfZ0fW

NIOS

- address,É,.,éfCf“fXfg0[f<0Ī,ŸVxdf,fWf...0[f<,â-ç'è<,ìNLMŠÖ0”(function_name),ÉfAfNfZfX,μ,æ,π,Æ,μ,Ü,μ,½0B
- Invalid conventional memory pointer during call to DosConvMemFree:Address *Invalid address value*
Name of module who called the function with invalid parameters
- Invalid conventional memory pointer during call to DosConvMemFree:Address *address value*
Module name

VMLID

- VMLID: Free called with uninitialized Zone!
- VMLID: Lost in Zone Array!

*fmfxf<,ì0π•W0@**fT0[fhfp0[fefB,ì0π•W
0Ü0x,ì0π•W,đŽQ0Æ,μ,Ä,,¾,¾,ç0B

CLIENT32 Application *name* is incompatible with NetWare enhanced security support.

□^'u

•\Ž!,³,ê,½fAfvfŠfP□[fVf#f“,đ□V,μ,¢fo□[fWf#f“,ÉfAfbfvfOfCE□[fh,μ,Ä,,¾,³,¢□B

CLIENT32 Drive letter: to server name could not be auto-reconnected because AUTO RECONNECT LEVEL = value which is too low.

^'u

Auto Reconnect Levelpf%of[]f^,ÉÝ'è,·,é'l,ð'â,«,μ,Ä,,³/₄,³,ç[]BWindows** 95**,ìê[]#[]A,±,ìÝ'è,íNetWare* Client* 32*fvf[]pfefB,ìm[]Ú[]×[]Ý'è[]nfy[]fW,É, ,è,Ü,·[]BDOS,Ü,¹/₂,íWindows 3.x,ìê[]#[]A,±,ìÝ'è,ìANET.CFGftf@fCf<,ìmNETWARE DOS REQUESTER[]nfZfnfvf#f",É, ,è,Ü,·[]B

*fmfxf<,ì[]·W[]@**fT[]fhfp[]fB,ì[]·W []Ú[]×,ì[]·W,ðZQ[]Æ,μ,Ä,,³/₄,³,ç[]B

CLIENT32 Drive letter: to server name could not be auto-reconnected because access was denied.

□^'u

"K□³,Éft□fU,Å, ,ê,î□A•\Ž!,³,ê,¹/₂fT□fo,ÉfAfNfZfX,.,é,ì,É•K—v,ÈCE —~ ,ð,»,ìft□fU,É—^,!,Ä,,³/₄,³,†□B

CLIENT32 Drive letter: to server name could not be auto-reconnected because of an unknown reason error code.

□^'u

,à,π^è"xf□fOfCf",.é,©□A•\Ž|,³,ê,½fT□[fo,Éfhf%ofCfu,ð□Ä,Ñf}fbfsf"fO,μ,Ä,,³/4,³,ç□BfGf%□[fR□[fh,É,Ä,ç
,Ä,í□Af|f"f%ofCf"f}fjf...fAf<□wfVfXfef€f□bfZ□[fW□x,l□ufGf%□[fR□[fh□v,ðŽQ□Æ,μ,Ä,,³/4,³,ç□B

CLIENT32 Drive letter: to server name could not be auto-reconnected because search rights changed.

□^'u

•\Ž|,³,ê,½fT□[fo,É'í,·,éft□[fU,ìCE —,ðŠm"F,μ,Ä,,¾,³,ç□B"K□³,Èft□[fU,Å, ,ê,î□Aft□[fo,ÉfAfNfZfX,·,é,ì,É•K—
v,ÈCE —,ð,»,"íft□[fU,ÉS,,è"-,Ä,Ä,,¾,³,ç□B

CLIENT32 Drive letter: to server name could not be auto-reconnected because the path was deleted while the network connection was interrupted.

□à-¾

•\Ž|,³,ê,½fpfX,ª□Aft□[fU,ªf|fbfgf□□[fN,É□Ú'±,μ,Ä,ç,È,çŠÔ,É□í□œ,³,ê,Ü,μ,½□B

□^'u

,±,ìf□fbfZ□[fW,ª□Ä,Ñ•\Ž|,³,ê,È,ç,æ,π,É,·,é,É,Í□A•\Ž|,³,ê,½fT□[fo,Ö,ìfhf
%ofCfuf}fbfsf"fO,ð•ì□X,Ü,½,í□í□œ,μ,Ä,,¾,¾,ç□B

CLIENT32 Drive letter: to server name could not be auto-reconnected because this version of the server does not support it.

□^'u

•\Ž|, ³, ê, ½fT□[fo,)\ftfgfEjFfA, δ□AAUTO-RECONNECTED, δfTf|□[fg, μ, Ä, ç, éfo□[fWf#f“, ÉfAfbfvfOfCE□[fh, μ, Ä, -
, ³/₄, ³, ç□B

CLIENT32 Drives to server *name* could not be auto-reconnected because of a low memory condition.

□^'u

f□□[fNfXfe□[fVf†f“,ì<ó,«f□f,fŠ,đ'□,â,μ,Ä,,¾,¾,ç□Bf□□[fNfXfe□[fVf†f“,ìf□f,fŠ,ÉŠÖ,-,é-â'è,ì%ođCE^•û-
@,đŽQ□Æ,μ,Ä,,¾,¾,ç□B

CLIENT32 File in use during a file open. File: name

□^'u

ftf@fCf<, 3f□bfN, 3, ê, Ä, ç, È, ç, ©□A, Ü, ½, Í, ·, Å, ÉŽg—p't, Å, È, ç, ©Šm" F, μ, Ä, , ¾, ¾, ç□B, » , ì, , Æ□A, à, ɹ^ê"xftf@fCf<, ðŠJ, ç, Å, Ý, Ä, , ¾, ¾, ç□B

CLIENT32 File in use during an fcb file open. File: name

□à-¾

ft□[fU,²ftf@fCf<,đŠ],±,α,Æ,μ,½,Æ,«□Aftf@fCf<fRf“fgf□□[f<fuf□fbfN(FCB),ÍŽg—p’t,Å,μ,½□B

□^’u

ftf@fCf<,²,·,Å,ÉŽg—p’t,Å,È,ç,©Šm”F,μ,Ä,,¾,³,ç□B,»),ì, ,Æ□A,à,α^è“xftf@fCf<,đŠJ,ç,Ä,Ý,Ä,,¾,³,ç□B

CLIENT32 File in use during delete of a file. File: *name*

□^'u

ftf@fCf<,·,Å,ÉŽg—p't,Å,È,ç,©Šm"F,μ,Ä,,¾,¾,ç□B,»ì, ,Æ□A,à,æ^è"xftf@fCf<,đ□í□œ,μ,Ä,Ý,Ä,,¾,¾,ç□B

CLIENT32 File locked during a file open. File: *name*

□^'u

ftf@fCf<,·,Å,ÉŽg—p't,Å,È,ç,©Šm"F,μ,Ä,,¾,¾,ç□B,»ì, ,Æ□A,à,æ^è"xftf@fCf<,đŠJ,ç,Ä,Ý,Ä,,¾,¾,ç□B

CLIENT32 File name could not be auto-reconnected because access was denied.

□^'u

%oÂ"V,Å, ,ê,Î□A•ï□X"à—e,ž, ,í,ê,È,ç,æ,æftf@fCf<,ðf□□[fj]f<fhf%ofCfu,É•Û'¶,μ,Ä,-
,¾,¾,ç□Bftf@fCf<,ÆfffBfçEfNfgfŠ,É'Î,·,éft□[fU,ìÇ —~ ,ðŠm" F,μ,Û,·□B"K□³,Éft□[fU,Å, ,ê,Î□Aftf@fCf<,Û,½,ÍfffB
fçEfNfgfŠ,ÍfAfNfZfX,É•K—v,ÉÇ —~ ,ð,» ,Íft□[fU,ÉŠ,,è"—,Ä,Ä,,¾,¾,ç□B

CLIENT32 File *name* could not be auto-reconnected because it was deleted while the network connection was interrupted.

□^'u

ftf@fCf<,ª□í□œ,³,ê,½E´^ö,É,Â,ç,Ä,Í□Aflfbfgf□□[fNfX□[fpfofCfU,É-â,ç□‡,í,¹,Ä,,³/₄,³,ç□B

CLIENT32 File *name* could not be auto-reconnected because of a low memory condition.

□^'u

f□□[fNfXfe□[fVf#f",)kó,«f□f,fŠ,đ'□,â,μ,Ä,,¾,¾,ç□Bf□□[fNfXfe□[fVf#f",)f□f,fŠ,ÉŠÖ,.,é-â'è,ì%ođCE^•û-
@,đŽQ□Æ,μ,Ä,,¾,¾,ç□B

CLIENT32 File name could not be auto-reconnected because of an unknown reason.

□^'u

%oÂ"\\,Å, ,ê,Î□A•ï□X"à—e,ž, ,í,ê,È,ç,æ,ɤftf@fCf<,ðf□□[fjff<fhf%ofCfu,É•Û'¶,μ,Ä,-

,³/₄,³,ç□Bftf@fCf<,É'Î,·,éft□[fU,ìÇ —

~,^a"K□Ø,©Šm"F,·,é,©□Aftf@fCf<,a'¶□Ý,·,é,©Šm"F,μ,Û,·□Bftf@fCf<,ìŽ©"©□Ú'±,ð,à,ɤ^ê"xŽŽ,μ,Ä,,³/₄,³,ç□B

CLIENT32 File name could not be auto-reconnected because the file could not be re-created.

□à-¾

,±,lfGf%□□[,²"□¶,·,éCE´^ö,íŽŸ,ì2,Â,Â,·□B

- ftf@fCf<,Ö,ìfpfX,²□í□œ,³,ê,Ä,ç,Ü,·□B
- flfbfjgf□□[fN□Ú´±,²´f,µ,Ä,ç,éŠÖ,Éft□[fU,ìCE —,²•ï□X,³,ê,Ä,ç,Ü,·□B

□^'u

%oÅ"\\,Ä, ,ê,Î□A•ï□X"à—e,²Ž, ,í,ê,È,ç,æ,µftf@fCf<,ðf□□[fjff<fhf%ofCfu,É•Ú´¶,µ,Ä,,¾,¾,ç□BŽŸ,É,à,²^ê"x□Ú´±,µ,Ä,Ÿ,Ü,·□Bftf@fCf<,Ö,ìfpfX,²□í□œ,³,ê,Ä,ç,È,ç,±,Æ,Æ□Aftf@fCf<,É'í,·,éft□[fU,ìCE —,ðŠm"²,µ,Ü,·□B"K□³,Éft□[fU,Ä, ,ê,Î□Aftf@fCf<,ðfAfnfZfX,·,é,ì,É•K—v,ÉCE —,ð,».,ìft□[fU,ÉŠ,,è"—,Ä,Ä,-,¾,¾,ç□B

CLIENT32 File name could not be auto-reconnected because the file's locks could not be reestablished.

□^'u

%oÅ"\\,Å, ,ê,Î□A•İ□X"à—e,ž, ,í,ê,È,ç,æ,ıftj@fCf<,đf□□[fjff<fhf%ofCfu,É•Û'¶,μ,Ä,-

,^{3/4},³,ç□BŽŸ,Éftj@fCf<,É,à,ı^ê"xfAfNfZfX,μ,Ä,Ÿ,Ä,-

,^{3/4},³,ç□Bft□[fU,ıftj@fCf<,ÉfAfNfZfX,Ä,«,È,ç□è□ıAft□[fU,İ□Ú'±,đfNfŠfA,μ,Äftj@fCf<,đ%ođ•ú,μ,Ä,-

,^{3/4},³,ç□B,±,è,Å□Aft□[fU,ıftj@fCf<,ÉfAfNfZfX,Ä,«,é,Í, ,.Ä,·□B,^{1/2},^{3/4},μ□A•Û'¶,μ,Ä,ç,È,ç•İ□X"à—e,ÍŽ, ,í,ê,Û,·□B

CLIENT32 File name could not be auto-reconnected because the utility that opened the stream file is too old.

□à-¾

NetWare Administrator(NETADMIN),È,Ç□Aftf@fCf<,đŠJ,„Æ,«„ÉŽg—p,μ,½ft□[fefBfŠfefB,ªAUTO-RECONNECTED,đfTf|□[fg,μ,Ä,ç,Û,¹,ñ□B

□^'u

ftf@fCf<,đŠJ,ç,½ft□[fefBfŠfefB,đfAfbfvfOfCE□[fh,μ,Ä,,¾,³,ç□B,»„ì, „Æ□A,à,α^ê“xftf@fCf<,đŠJ,«□Ä□Ú'±,đŽŽ,μ,Ä,,¾,³,ç□B

CLIENT32 File *name* could not be auto-reconnected because this version of the server does not support it.

□^'u

%oÂ"\\,Â, ,ê,î□A•ï□X"à—e,ž, ,í,ê,È,ç,æ,xfjf@fCf<,ðf□□[ffj<fhf%ofCfu,É•Û'¶,μ,Ä,,³/₄,³,ç□BfT□[fo,]f\ftfgfEfFfA,ð□AAUTO-RECONNECTED,ðfTf|□[fg,μ,Ä,ç,éfo□[fWf†f",ÉfAfbfvfOfCE□[fh,μ,Ä,,³/₄,³,ç□B

CLIENT32f[]fbfZ[]fW

CLIENT32 Application *name* is incompatible with NetWare enhanced security support.

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because access was denied.

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because AUTO RECONNECT LEVEL = *value* which is too low.

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because of an unknown reason *error code*.

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because search rights changed.

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because the path was deleted while the network connection

CLIENT32 Drive *letter*: to server *name* could not be auto-reconnected because this version of the server does not support it.

CLIENT32 Drives to server *name* could not be auto-reconnected because of a low memory condition.

CLIENT32 File in use during a file open. File: *name*

CLIENT32 File in use during an fcb file open. File: *name*

CLIENT32 File in use during delete of a file. File: *name*

CLIENT32 File locked during a file open. File: *name*

CLIENT32 File locked during rename a file. File: *name*

CLIENT32 File *name* could not be auto-reconnected because access was denied.

CLIENT32 File *name* could not be auto-reconnected because AUTO RECONNECT LEVEL = *value* which is too low.

CLIENT32 File *name* could not be auto-reconnected because it was deleted while the network connection was interrupted.

CLIENT32 File *name* could not be auto-reconnected because of a low memory condition.

CLIENT32 File *name* could not be auto-reconnected because of an unknown reason.

CLIENT32 File *name* could not be auto-reconnected because the file could not be re-created.

CLIENT32 File *name* could not be auto-reconnected because the file's locks could not be reestablished.

CLIENT32 File *name* could not be auto-reconnected because the utility that opened the stream file is too old.

CLIENT32 File *name* could not be auto-reconnected because this version of the server does not support it.

CLIENT32 NETX cannot be loaded without exiting all DOS boxes.

CLIENT32 Please wait while *command_from_application* retries request to *server_name*.

CLIENT32 Please wait while *server_name* is processing request for *command_from_application*.

CLIENT32 NETX cannot be loaded without exiting all DOS boxes.

□à-¾

'¼, ÌDOSĀÝŠ·f{fbfNfX, ðŠJ, ç, Ä, ç, é, Æ, «, É□AWindows**, ÌDOSĀÝŠ·f{fbfNfX, ©, çCLIENT32.NLMfvf□fOf%of€
.ðfAf“f□□[fh, μ, æ, x, Æ, μ, Ü, μ, ½□B

□^'u

ŽŸ, Ì, Ç, Ì, ç, ©, ðŽÀ□s, μ, Ä, , ¾, ¾, ç□B

- ŠJ, ç, Ä, ç, éDOSĀÝŠ·f{fbfNfX, ð, ·, x, Ä·Ä, ¶, Ä, ©, çCLIENT32.NLMfvf□fOf%of€, ðfAf“f□□[fh, μ, Ä, -
, ¾, ¾, ç□B
- Windows, ð□I—¹, μ, Ä, ©, çCLIENT32.NLMfvf□fOf%of€, ðfAf“f□□[fh, μ, Ä, , ¾, ¾, ç□B

*fmfxf<, Ì□x·W□@**fT□[fhfp□[fefB, Ì□x·W
□Ü□x, Ì□x·W, ðŽQ□Æ, μ, Ä, , ¾, ¾, ç□B

CLIENT32 Please wait while *command_from_application* retries request to *server_name*. To stop waiting, press Enter. NetWare will then return an error and try to reconnect in the background.

□à-¾

,±,ìf□fbfZ□[fW,íŽŸ,ì,ç,,é,©,ì□ê□‡,É•\Žì,¾,ê,Ü,·□B

- flfbfgf□□[fN,á'á'¬,Ä,·□B
- fAfvfŠfP□[fVf‡f",©,ç,ì—v<□,É'í,·,éfT□[fo,ì%ž"š,á'á'¬,Ä,·□B
- fT□[fo,áf_fEf",μ,Ä,ç,Ü,·□B
- flfbfgf□□[fNfP□[fuf<,áf□□[fNfXfe□[fVf‡f",©,çŠO,ê,Ä,ç,Ü,·□B

□^'u

fT□[fo,Ö,ìfAfvfŠfP□[fVf‡f",ì—v<□,ðNetWare* Client* 32*,á^—□,·,é,Ü,Ä'Ò,Ä,Ä,,¾,¾,ç□B—v<□,ð□^—
□,·,é,Æ□Af□fbfZ□[fW,íŽ©"®"l,ÉfNfŠfA,¾,ê,Ü,·□B

fT□[fo,á%ž"š,μ,È,ç,±,Æ,áŠm,©,É□ê□‡□A<Enter>,ð%žŸ,μ,Ä,,¾,¾,ç□Bf□fbfZ□[fW,áfNfŠfA,¾,ê□AfT□[fo,áfif"f
%ofCf",É,È,Ä,¾,Æ,«,ÉNetWare Client 32,áfofbfNfOf%ofEf"fh,ÄfAfvfŠfP□[fVf‡f",ðfT□[fo,É□Ä□Ü'±,μ,Ü,·□B
flfbfgf□□[fNfP□[fuf<,áf□□[fNfXfe□[fVf‡f",É□Ü'±,¾,ê,Ä,ç,é,±,Æ,ðŠm" F,μ,Ä,,¾,¾,ç□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ü□x,ì□x•W,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

CLIENT32 Please wait while server_name is processing request for command_from_application. To stop waiting, press Enter. NetWare will then return an error and try to reconnect in the background.

□à-¾

,±,ìf□fbfZ□[fW,íŽŸ,ì,ç,,é,©,ì□ê□‡,É•\Žì,¾,ê,Ü,·□B

- flfbfgf□□[fN,á'á'¬,Ä,·□B
- fAfvfŠfP□[fVf‡f",©,ç,ì—v□□,É'í,·,éfT□[fo,ì%ž"š,á'á'¬,Ä,·□B
- fT□[fo,áf_fEf",μ,Ä,ç,Ü,·□B
- flfbfgf□□[fNfP□[fuf<,áf□□[fNfXfe□[fVf‡f",©,çŠO,ê,Ä,ç,Ü,·□B

□^'u

fT□[fo,Ö,ìfAfvfŠfP□[fVf‡f",ì—v□□,ðNetWare* Client* 32*,á^—□□,·,é,Ü,Ä'Ò,Ä,Ä,,¾,¾,ç□B—v□□,ð□^—
□□,·,é,Æ□Af□fbfZ□[fW,íŽ©"®"l,ÉfNfŠfA,¾,ê,Ü,·□B

fT□[fo,á%ž"š,μ,È,ç,±,Æ,áŠm,©,È□ê□‡□A<Enter>,ð%žŸ,μ,Ä,,¾,¾,ç□Bf□fbfZ□[fW,áfNfŠfA,¾,ê□AfT□[fo,áfif"f
%ofCf",É,È,Ä,¾,Æ,«,ÉNetWare Client 32,áfofbfNfOf%ofEf"fh,ÄfAfvfŠfP□[fVf‡f",ðfT□[fo,É□Ä□Ü'±,μ,Ü,·□B
flfbfgf□□[fNfP□[fuf<,áf□□[fNfXfe□[fVf‡f",É□Ü'±,¾,ê,Ä,ç,é,±,Æ,ðŠm"F,μ,Ä,,¾,¾,ç□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ü□x,ì□x•W,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

fGf%o[fR[fh

fGf%o[,a"qμ,½CE^ö,đŽ!,·16i",Ü,½,í10i",Å,·BNetWare*,ífGf%o[fR[fh,đŽ!,μ,½·\,íAf" f
%ofCf"f}fjf...fAf·wfVfXfef€fjfbfZ[fWx,ìu·t~^,`v,É, ,è,Ü,·B

—á:@16i, FFFFFD93, 10i, -621

f fbfz [fw • q žš — ñ

-â'è,É,Â,ç,Äft [fU,É à-¾, ; éfefLfxfg,Å, ·B" q, μ, ½fGf%o [A,!,ç,è,éE'^ öA%oñ •œ •ù-
@,È,Ç,ªŽ!,³,è,Û, ·B

fGf%o[fbfz[fW

'€ì,ð'±,¯,é'O,ÉC³,μ,È,¯,ê,Î,È,ç,È,ç-â'è,ðft[fU,É'm,ç,¹,Û,·B

fXfe [f^fX('É'm)f [fbfZ [fW

f\ftfgfEfffA,âfn [fhfEfffA,ìE» Ý, ìó'Ô, ðft [fU,É'm,ç,¹,Û,·B

Ex fbfz fW

^—, í±s, Å, «, Ü, : ,ªA«—^, ìGf%o[L, ì”¶, ð-h, ®, ½, ß, É%½, ç, ©, ì^'u,ª•K—v, È, ±, Æ, ðŽ!, µ, Ü, ·B

fvf%ofbfgftfH[f€Žw'è

•\Ž,³,è,½fZ[fW,ì"Œ³,ª,Ç,ìfvf%ofbfgftfH[f€(DOS[AOS/2[AMac,È,Ç),Å, ,é,©,đŽ!,μ,Û,·B

f\ [fXf, fWf... [f<-¼

f\bfZ [fW, ð [f [fX, Ü, ½, íf, fWf... [f<(NIO [ACLIENT32 [AIPX [ACNE2000, È, Ç), ì-¼'O, Å, · [B

□d•j,μ,È,çŽ•Ê-¼

f\ [fXf,fWf... [f<□Afo□ [fWf+f“Žw'è□Afvf%ofbfgftfH□ [f€Žw'è□Afo□fbfZ□ [fW•¶Žš—
ň,ÆŠÖ~A•t, ,é,Æ,«,É□Afo□fbfZ□ [fW,ð^è^Ó,ÉŽ•Ê, ,é□”Žš,Â, □B

fo[]fWf+f“

f[]bfZ[]fW,đ[]¶[]¬,μ,½f,fWf...[]f<,ìfo[]fWf+f“,đŽ!,.[]”Žš,Å,.[]B

IPX -x- 102: fTf[fq,³,ê,Ä,ç,È,çŽÀsŠÂ««,Ä,·B,±,ìNLM,íDOSAWindows 3.XA,Ü,½,íWindows 95,Åf[fh,μ,È,·,é,ì,È,è,Ü,¹,ñ

à-¾

ft[fU,ª,±,ìNLM*fvf[fOf%of€,ðfT[fO,Éf[fh,μ,æ,æ,Æ,μ,Ü,μ,½BNLMfvf[fOf%of€,ífNf %ofCfAf“fgf[fNfXfe[fVf#f“,¾,·,ÄŽg—p,·,évf[fOf%of€,Ä,·B

^’u

,±,ìNLMfvf[fOf%of€,ðf[fh,·,é,ì,ífNf%ofCfAf“fgf[fNfXfe[fVf#f“,¾,·,É,μ,Ä,,¾,¾,çB

*fmjxf<,ìx•W@**fT[fhfjpf[fefB,ìx•W
Üx,ìx•W,ðŽQÆ,μ,Ä,,¾,¾,çB

**IPX -x- 103: IPX.NLM, íIPX/SPXfAfvfšfP[fVf#f“fCf“f^ftfF[fX,É•K—
v,ÈV86fR[f<fofbfNfAfhfCefX,đŠ,,è“-,Ä,é,±,Æ,ª,Á,«,Ü,¹,ñ**

□à-¾

fmfxf<,ì16frfbfgIPX/SPXfCf“f^ftfF[fX,Æ,ì

%o^o^ÊCEÝŠ·□«,đ•Ü,Ä,½,ß,É□AIPX*,ìfRf“fxf“fVf#fif<f□f,fŠ,Æ16frfbfg,ìfR[f<fofbfNfAfhfCefX,đŠ,,è“-,Ä,é•K—
v,ª,è,Ü,·□BIPX,ª,±,ê,ç,ìfŠf□[fX,ì,ç,,è,©,ìŠ,,è“-,Ä,ÉŽ,“s,·,é,Æ□AIPX,ì□%oŠú%o»,Ä,«,Ü,¹,ñ□B

□^’u

□Ä□Vfo□[fWf#f“,ìNetWare* Client* 32*f\ftfgfEfffA,đft□[fU,ªŽg—p,μ,Ä,ç,é,©Šm”F,μ,Ä,,¾,³,ç□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W

□Ü□x,ì□x•W,đŽQ□Æ,μ,Ä,,¾,³,ç□B

**IPX -x- 104: IPX.NLM, íIPX/SPXfAfvfšfP[fVf#f“fCf“f^ftfF[fX,É•K—
v,ÈfRf“fxf“fVf#fif<f[f,š,šš,,è“-,Ä,é,±,Æ,²,Ä,«,Ü,¹,ñ**

□à-¾

fmfxf<,ì16frfbfgIPX/SPX*fCf“f^ftfF[fX,Æ,ì
%º^ÉCEÝŠ·□«,ð•Ü,Ä,½,ß,É□AIPX*,ìfRf“fxf“fVf#fif<f[f,š,Æ16frfbfg,ìfR□[f:fofbfNfAfhfCEfX,šš,,è“-,Ä,é•K—
v,², ,è,Ü,·□BIPX,²,±,è,ç,ìfšf□[fX,ì,ç, ,è,©,ìš,,è“-,Ä,ÉŽ, ”s, ,é,Æ□AIPX,ì□%ºšú%º»„Ä,«,Ü,¹,ñ□B

□^’u

□Ä□Vfo□[fWf#f“,ìNetWare* Client* 32*f\ftfgfEfffA,ðft□[fU,²Žg—p,μ,Ä,ç,é,©Šm”F,μ,Ä,,¾,³,ç□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ü□x,ì□x•W,ðŽQ□Æ,μ,Ä,,¾,³,ç□B

IPX -x- 106: '¼,lf,fWf...[f<,aŽg—p't,l,½,ßAIPX.NLM,đfAf“f□□[fh,Á,«,Ü,¹,ñ

□^'u

Šj,č,Ä,č,éIPX/SPX*fAfvfŠfP□[fVf†f“,đ,·,x,Ä•Ä,¶,Ä,,¾,¾,č□B,»,ì, ,Æ□AIPX.NLMfjvf□fOf%of€
,đ,à,x^ê“xfAf“f□□[fh,μ,Ä,Ý,Ä,,¾,¾,č□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ú□x,ì□x•W,đŽQ□Æ,μ,Ä,,¾,¾,č□B

IPX -x- 114: 1,Â^Èã,ìGNMAŽóMŽÒ,â“o~^,³,ê,Ä,ç,Û,·

□à-¾

16frfbfg,Û,½,í32frfbfg,ìGNMA(Generic Network Management Agent)fÇfXf|f“f_δ1,Â^Èãf□□[fh,μ,Ä,ç,é□ê□#□AIPX*,ð³□í,ÉfAf“f□□[fh,·,é,±,Æ,Í,Å,«,Ü,¹,ñ□BGNMAfÇfXf|f“f_í□AIPX,ìf“f<@“\,Æ,ìfCf“f^ftfF□[fX,ðŽæ,éfvf□fOf%of€,Ä,·□B

□^‘u

IPX.NLMfvf□fOf%of€,ðfAf“f□□[fh,·,é‘O,É□Afmfxf<,Û,½,íft□[fhfp□[fefB□»,ì,·,×,Ä,ìGNMAfÇfXf|f“f_ðfAf“f□□[fh,μ,Ä,,¾,¾,ç□B

*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W□Ú□x,ì□x•W,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

IPX -x- 11: IPX.NLM,É,æ,Á,ÄĈÿo,³,ê,½fGf%o[]

f<[]f`f“,É,æ,Á,ÄĈÿo,³,ê,½fGf%o[][: *internal_function_information*

'Š'î^Ê'u: *internal_offset_information*

fffofbfOff[]f^: *data*

à-¾

IPX*,ª—Šú,µ,È,©,Á,½fGf%o[],đĈÿo,·,é,Æ[]A,±,lf[]fbfZ[]fW,ª·\Ž|,³,ê,Ü,·[]B,±,ì[]î·ñ,í[]A[]l,ç,ê,é“à·”“l,È-
â'è,đfffofbfO,·,é,½,ß,Éfmfxf<,ĂŽg—p,³,ê,Ü,·[]B

^'u

,±,l“Á'è,ì-â'è,É'î^,Ă,«,é,Æ[]l,ç,ê,éAfbfvfOfĈ[]fh,đ'²,x,Ă,,¾,¾,ç[]B

*fmfxf<,l[]ª·W[]@**fT[]fhfp[]fefB,l[]ª·W

Ú[]x,í[]ª·W,đŽQ[]Æ,µ,Ă,,¾,¾,ç[]B

IPX -x- 12: IPX,í,Ç,ìf{[]fh,É,àfofCf“fh,Á,«,Ü,¹,ñ,Á,μ,½

□à-¾

Windows** 3.x,ìê[]#[]A[]mProtocol IPX[]nfZfNfVf#f“,ÅNet BindfL[]f[][]fh,ðŽg—
p,μ,Ä“Á’è,ìf{[]fh,ìfofCf“fh,á’è<`,μ,Ä, ,è,Ü,·[]B,Ü,½[]AWindows**
95**,ìê[]#[]A[]m[],“x,ÈIPX[]Ý’è[]nfvf[]pfefBfy[]fW,ìmŽÝ,ìtfj[]f[]f[]f^fCfv,¾, ~Žg—p[]nftfB[]f[]fh,É[]AŽg—
p,Á,«,É,ç[]Ý’è,ðŽw’è,μ,Ä,ç,Ü,·[]B,±,ìê[]#[]AŽ©“@fofCf“fhjpf%[]f[]f^,ì-
³[]Eø,É,È,è,Ü,·[]Bft[]fU,áŽw’è,μ,½f{[]fh,ðŽg—
p,Á,«,É,ç[]ê[]#[]AIPX*,í,Ç,ìfìfbfgf[]fNf{[]fh,É,àfofCf“fh,³,è,Ü,¹,ñ[]B

□^’u

Net Bind,Ü,½,ìfvf[]pfefBfy[]fW,ì[]Ý’è,á[]³,μ,ç,©Šm”F,μ,Ä,,¾,¾,ç[]B
%oo½,á[]³,μ,ç[]Ý’è,©•á,©,ç,É,ç[]ê[]#,í[]ANET.CFGftf@fCf<,ìNet
Bind[]Ý’è,ðfRf[]f“fg[]s,É,·,é,©[]A[]m[],“x,ÈIPX[]Ý’è[]nfvf[]pfefBfy[]fW,ìj[]fXf^f[]f^è,ð[]í[]œ,·,é,±
,Æ,Ä[]AIPX,ðf{[]fh,ÉŽ©“@fofCf“fh,μ,Ä,,¾,¾,ç[]B

*fmfxf<,ì[]x•W[]@**ft[]fhfp[]f[]f[]B,ì[]x•W
[]Ü[]x,ì[]x•W,ðZQ[]Æ,μ,Ä,,¾,¾,ç[]B

IPX -x- 13: f{[fh"Ôtnumber,ÍLSL,É"o~^,³,ê,Ä,ç,é,±,Æ,àABind•¶,ÁCEJ,è•Ô,³,ê,Ä,ç,é,±,Æ,à, ,è,Ü,¹,ñ

□à-¾

fCfWfXfjgfŠ,Ü,½,ÍNET.CFGftf@fCf<,ìmProtocol IPX□nfZfNfVfjf",ìNet Bind□Ý'è,³d•j,μ,Ä,ç,é%oÁ"\
□«,ª, ,è,Ü,·□BIPX*,íAŽw'è,³,ê,Ä,ç,é,»è,¼,ê,ìf{□[fh,ÉfofCf"fh,μ,æ,π,Æ,·,é,ì,Á□Af{□[fh,ì□Ý'è,³d•j,μ,Ä,ç,
,é,Æ□A,±,ìf□bfZ□[fW,ª\Ž!,³,ê,Ü,·□B

□^'u

PrimaryfL□[f□□[fh,Ü,½,ìNet BindfL□[f□□[fh,ðŽg—
p,μ,Ä□A□m□,"x,ÈIPX□Ý'è□nfvf□pfefBfy□[fW,Ü,½,ÍNET.CFG,ì□Ý'è,³ŠÔ^á,Á,Ä,ç,È,ç, ©Šm"F,μ,Ä,,¾,³,ç□B

*fmfxf<,ì□π•W□@**fT□[fhfp□[fefB,ì□π•W
□Ü□x,ì□π•W,ðŽQ□Æ,μ,Ä,,¾,³,ç□B

IPXf[]fbfz[]fw

IPX -x- 11: IPX.NLM,É,æ,Á,ÄĚŸ[]o,³,ê,½fGf%o[]

IPX -x- 12: IPX,í,Ç,ìf{[]fh,É,àfofCf"fh,Å,«,Ü,¹,ñ,Å,μ,½

IPX -x- 13: f{[]fh"Ô[]tnumber,ÍLSL,É"o~^,³,ê,Ä,ç,é,±,Æ,à[]ABind•¶,ÅĚ],è•Ô,³,ê,Ä,ç,é,±,Æ,à, ,è,Ü,¹,ñ

IPX -x- 102: fTf[]fg,³,ê,Ä,ç,È,çŽÀ[]sŠÅ<«,Å,·[]B,±,ìNLM,ÍDOS[]AWindows 3.X[]A,Ü,½,ÍWindows 95,Åf[]fh,μ,È,·,ê,ì,È,è,Ü,¹,ñ

IPX -x- 103: IPX.NLM,íIPX/SPXfAfVfŠfP[]fVf#f"fcf"f^ftfF[]fX,É•K—v,ÈV86fR[]f<fofbfNfAfhfĚfX,ðŠ,,è"—,Ä,é,±,Æ,^a,Å,«,Ü,¹,ñ

IPX -x- 104: IPX.NLM,íIPX/SPXfAfVfŠfP[]fVf#f"fcf"f^ftfF[]fX,É•K—v,ÈfRf"fxf"fvf#fif<f[]f,š,ðŠ,,è"—,Ä,é,±,Æ,^a,Å,«,Ü,¹,ñ

IPX -x- 106: '¼,ìf,fWf...[]f<,žg—p't,ì,½,ß[]AIPX.NLM,ðfAf"f[]fh,Å,«,Ü,¹,ñ

IPX -x- 114: 1,Â^È[]ã,ìGNMAŽó[]MŽÒ,^ao~^,³,ê,Ä,ç,Ü,·

NIOSfbfZfw

- NIOS-x-001: ffbfZfwftf@fCf<name>,Í-³CEø,Å,·BvfOfOf%œ,lf[]fh,Í'tŽ~³,è,Ü,µ,½
- NIOS-x-024: VCPi·ÛCeif,[]fhfGf"fgfŠfjCf"fg,ðŽæ"¾,µ,æ,æ,µ,Ü,µ,½,ªAZ,"s,µ,Ü,µ,½
- NIOS-x-027: ,±,lf}fvf",ÉfCf"fxfg[]f<³,è,Ä,ç,éBIOS,ÍINT 15hfL[]f{[]fhfCf"f^fZfvfg@",\,ðTf[]fg,µ,Ä,ç,Ü,¹,ñBNIOS.EXE,Í,±,lf}fvf",ÄŽg—p,Ä,«,Ü,¹,ñ
- NIOS-x-028: ,·,x,Ä,ìXMSf[]f,šŽg—p't,©AXMSfGf%[][,ª"[]µ,Ü,µ,½
- NIOS-x-029: []%ŠúXMSf[]f,šŽ,,è"—,Ä,ªŽ,"s,µ,Ü,µ,½BfGf%[]fR[]fh(XMS_error_code, hex_value)
- NIOS-x-030: []%ŠúXMSf[]f,šŽfuf[]fbfN,ðf[]fbfN,µ,æ,æ,µ,Ü,µ,½,ªAZ,"s,µ,Ü,µ,½BfGf%[]fR[]fh(XMS_error_code, hex_value)
- NIOS-x-036: XMS Move XMSf[]f,šŽfuf[]fbfN(XMS_error code: hex_value),ìCEÄ,Ñ[]o,µŽž,lfGf%[][,Ä,·
- NIOS-x-037: ,±,lf,fWf...[]f<,Í,·,Ä,Éf[]fh,³,è,Ä,ç,Ü,·
- NIOS-x-039: "Ç,Ý[]ž,Ý,ì,½,ß,ÉNIOS.EXE,ðŠ,±,æ,µ,Ü,µ,½,ªAZ,"s,µ,Ü,µ,½
- NIOS-x-040: NIOS.NLMftf@fCf<,ð"Ç,Ý[]ž,ß,ì,É[]·ª,È<ó,«f[]f,šŽ,ª,è,Ü,¹,ñ
- NIOS-x-041: NIOS.EXE,ð"Ç,Ý[]ž,à,æ,µ,Ü,µ,½,ªAZ,"s,µ,Ü,µ,½
- NIOS-x-042: -³CEø,ÉfRf}f"fhf%œCf"flfvfvfj",ªŽw'è,³,è,Ü,µ,½: []option_specified_by_user[]
- NIOS-x-043: -³CEø,Éf,[]fhfXfCfbf^f^fCfv[]uswitch_type[]vBfwf<fv,ð·Ž|,·,é,É,ÍNIOS /?,Æ"ü—Í,µ,Ä,,¾,³,ç
- NIOS-x-044: -³CEø,ÈXMS APIfGf"fgfŠfjCf"fgBfCf"fxfg[]f<³,è,Ä,ç,éf[]f,šŽ}f[]fWff,íXMS·W[]É,Æ,ÍCEYŠ·[]«ª,è,Ü,¹,ñ
- NIOS-x-066: <^Ž—f,fWf...[]f<name,Í"j%ó,³,è,é'Ó,É1,ÄÈ[]ä,lfšf[]fX,ð%ó·ú,µ,Ü,¹,ñ,Ä,µ,½
- NIOS-x-067: XMS,©,çŠ,,è"—,Ä,ç,è,Ä,ç,é·"—[]f[]f,šŽfuf[]fbfN,ÍNIOSfšjAfAfhfCEfXf}fbfsf"fo,ð',,Í,Ä,ç,Ü,·[]BlocationfTfCfYnumberfofCfg,ÍŠ,,è"—,Äfuf[]fbfN,ÍÄ[]ãÈ,ì·"—[]fAfhfCEfXlocation,ðnumberfofCfg·ª',,Í,Ä,ç,Ü,·
- NIOS-x-069: NetWare Client,ªfvfffbfj_fEf",·,éŠÔ,"Ò,¿,¾,¾,ç
- NIOS-x-070: -³CEø,ÉŠ,,è[]ž,Ý[]uvalue[]v,ªŽw'è,³,è,Ü,µ,½BŠ,,è[]ž,Ý,í0`F,ì'í,ì16[]i",Ä,È,·,é,Í,È,è,Ü,¹,ñ
- NIOS-x-071: f,fWf...[]f<name,Í-³CEø,Éf,fWf...[]f<fnf"fhf<fpf%œ[]f^,ðNIOSŠÖ[](name),É"n,µ,Ü,µ,½
- NIOS-x-072: NIOS,Ä·K—v,ÉfšjAfAfhfCEfX"í'í,·,Ä,ÉŽg—p,³,è,Ä,ç,Ü,·
- NIOS-x-073: f[]f,šŽ}f[]fWff,íGDt,ÄfZfCEfNf^,ªCE@,Ä,ç,è,Ü,¹,ñBNIOS.EXE,ðf[]fh,·,é,Æ,«,ÍCEYŠ·VCPi,[]fh[]ø,è'Ö,}Rf}f"fhf%œCf"flfvfvfj"/MV,ðŽg—p,µ,Ä,,¾,³,ç
- NIOS-x-074: -³CEø,Éf[]f,šŽ}f[]fWffIDT[]uInvalid Opcode[]vZfCEfNf^[]BNIOS.EXE,ðf[]fh,·,é,Æ,«,ÍCEYŠ·VCPi,[]fh[]ø,è'Ö,}Rf}f"fhf%œCf"flfvfvfj"/MV,ðŽg—p,µ,Ä,,¾,³,ç
- NIOS-x-075: NetWare Client 32,íWindows v3.0,ðTf[][]fg,µ,Ä,ç,Ü,¹,ñ
- NIOS-x-076: fCf"fxfg[]f<³,è,Ä,ç,éNetWare Client 32,Í,±,lfo[]fWfj",ìWindows,ðTf[][]fg,µ,Ä,ç,Ü,¹,ñ
- NIOS-x-077: fGf"fnf"fxf,[]fhWindows,lfTf[][]fg,É·K—v,ÈNIOS_path_and_filename,ªCE@,Ä,ç,è,Ü,¹,ñ
- NIOS-x-078: WindowsŠÄ«»,lfTf[][]fg,É·K—v,ÈNIOS_path_and_file_name,ç[]í·ñ,ðŽ@"®f[]fh,µ,æ,æ,Æ,µ,½,Æ,«,ÉfGf%[][,ª"[]µ,Ü,µ,½B,±,lfTf@fCf<,É'Í,µ,Ä[]œA^Ü"®[]A·[]X,ì,ç,è,à[]s,í,è,Ä,ç,É,ç,±,Æ,ðŠm"F,µ,Ä,,¾,³,çBWindows,lf[]fh,Í'tŽ~³,è,Ü,·
- NIOS-x-083: NIOS,ÍEISA BIOS Int 15h,Ö,ìCEÄ,Ñ[]o,µ,ð"[]s,·,é,ì,É·K—v,È2KB,ì^èŽžRf"fxf"fvfjif<f[]f,šŽf^fbfN,ðŠ,,è"—,Ä,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,µ,½BWindows,ªN"®,µ,Ä,ç,é[]é[]A,±,ì-â"è,íWindows,ì[]%Šú%»Žž,ÉNIOS,ªŠm·Ü,·,éRf"fxf"fvfjif<f[]f,šŽ,ð"[]%Ä,·,é,±,Æ,É,æ,Ä,Ä%»ñ"ð,Ä,«,Ü,·
- NIOS-x-085: NetWare Client 32,lf^fxfnfXfCfbf`ff,ðTf[][]fg,µ,Ä,ç,Ü,¹,ñ
- NIOS-x-087: NIOS.NLM,ªNIOS.EXE,ÉŠÖ~A·t,·,ç,è,Ä,ç,Ü,¹,ñ
- NIOS-x-088: ffbfZfwftf@fCf<,çNIOS.NLMfbfZfw,ð"Ç,Ý[]ž,ñ,Ä,ç,é,Æ,«,ÉfGf%[][,ª"[]µ,Ü,µ,½
- NIOS-x-090: f,fWf...[]f<,ðf[]fh,·,é,ì,É[]·ª,È<ó,«f[]f,šŽ,ª,è,Ü,¹,ñ
- NIOS-x-091: f[]fhftf@fCf<NLM_module_name,ªCE@,Ä,ç,è,Ü,¹,ñ
- NIOS-x-092: f[]fhftf@fCf<fpfXpath and filename,ð"WŠ]t,lfGf%[][,Ä,·
- NIOS-x-093: f,fWf...[]f<,ðf[]fh,·,é,ì,É[]·ª,È<ó,«f[]f,šŽ,ª,è,Ü,¹,ñ

NIOS-x-094: f,fWf...[f<name,a[í“ ,μ,Ä,ç,Ü,¹,ñ,Ä,μ,½
NIOS-x-096: NLM_module_name,Í—LCEø,Èf,fWf...[f<-¼,Ä,Í, ,è,Ü,¹,ñ
NIOS-x-097: f,fWf...[f<NLM_module_name,Íf[]f[h,³,è,Ü,¹,ñ
NIOS-x-105: Žw'è,μ,½ftf@fCf<,ªCE©,Ä,©,ç,È,©,Ä,½,½,ß[]Amodule_NLM_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-106: f,fWf...[f<,ìftf@fCf<,ðfAfNfZfX,μ,Ä,ç,é,Æ,«,ÉfGf%oo[],ª"-
[]f,μ,½,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-107: f[]f,š,ª•s'«,μ,Ä,ç,é,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-108: f,fWf...[f<,ª—LCEø,ÈNLMftf@fCf<,Ä,È,ç,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-109: f,fWf...[f<,ª-ç'è<` ,ìŠO•"ŠÖ[]":
name_of_external_API_function_needed_by_module,ðŽQ[]Æ,μ,æ,æ
,Æ,μ,½,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-110: f,fWf...[f<,ª,·,Ä,ÉfGfNfXf[]fg,³,è,Ä,ç,éŠÖ[]":
name_of_exported_API_function_already_exported_by_another_module,ðfGfNfXf[]fg,μ,Ä,ç,é,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-111: f,fWf...[f<,ìf[]fbfZ[]fWftf@fCf<,ÉfAfNfZfX,μ,Ä,ç,é,Æ,«,ÉfGf%oo[],ª"-
[]f,μ,½,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-112: f,fWf...[f<,ìf[]fbfZ[]fWftf@fCf<,ª-
³CEø,Ä, ,é,©•s[]³,Éfo[]fWf[]f",Ä, ,é,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-113: f,fWf...[f<,Í,·,Ä,Éf[]f[h,³,è,Ä,¨ ,èA2%oñ^È[]äf[]f[h,·,é,±,Æ,Í,Ä,«,È,ç,½,ß[]Amodule_name,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-114: 'O,Éf[]f[h,μ,½f,fWf...[f<,Æfo[]fWf[]f",ª^Ü,È,Ä,Ä,ç,é,½,ß[]Amodule_name,ð[]Ä"x[]f[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-115: f,fWf...[f<module_name_already_loaded,Ímodule_name_to_be_loaded,ìf[]f[h,ð<'""Ü,μ,Ä,ç,½,½,ß[]Amodule_name_to_be_locaded,ðf[]f[h,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½
NIOS-x-116: module_name,ðfAf"f[]f[h,Ä,«,Ü,¹,ñ
NIOS-x-117: module_name,Ímodule_name,É,æ,Ä,ÄŽg—p't,Ä, ,é,½,ßfAf"f[]f[h,Ä,«,Ü,¹,ñ
NIOS-x-118: -³CEø,Èf,fWf...[f<fnf"fhf<,ªNiosUnload,É"n,³,è,Ü,μ,½
NIOS-x-119: ,±,±,Ämodule_name,ÍfAf"f[]f[h,Ä,«,Ü,¹,ñ
NIOS-x-120: f,fWf...[f<refusing_module_name,ªdesired_module_name,ìfAf"f[]f[h,ð<'""Ü,μ,Ä,ç,½,½,ß[]Adesired_module_name,ìfAf"f[]f[h,Ä,«,Ü,¹,ñ
NIOS-x-123: f,fWf...[f<name,Í1,Ä,ìfŠf[]fX,ð[]³,μ,%oð•ú,μ,Ü,¹,ñ,Ä,μ,½
NIOS-x-124: f,fWf...[f<name,Ínumber,ìfŠf[]fX,ð[]³,μ,%oð•ú,μ,Ü,¹,ñ,Ä,μ,½
NIOS-x-150: f[]fOf[]f@fCf<name,ðŠJ,,±,Æ,ª,Ä,«,Ü,¹,ñ
NIOS-x-169: f[]f,šfv[]f<,ðnumberfofCfg•ª[]%oÄ,·,é,ì,É[]
•ª,È<ó,«XMSfnf"fhf<,ª ,è,Ü,¹,ñ[]B[]f,šf}f[]fWffXMSfnf"fhf<,ì[]",ð[]%oÄ,·,é•K—v,ª ,è,Ü,·(—á: DEVICE=HIMEM.SYS /NUMHANDLES=xx)
NIOS-x-178: Š,,è"- ,Ä[]í,Ýf[]f,šfuf[]fbfNnumber,ìf,fWf...[f<fnf"fhf<[]Š—LŽÖftfB[]f<fh,ª-
³CEø,Ä,·(modHand,Í=number)
NIOS-x-179: module_name,Í-³CEø/•s[]³,Ü,½,Í,·,Ä,É
%oð•ú,³,è,½f[]f,šfuf[]fbfNnumber,ÄNiosFree,ðCEÄ,Ñ[]o,μ,Ü,μ,½

NIOS -x- 001: ffbfZ[fWftf@fCf<name,í-³CEø,Á,·BfvfOf%of€,lf[fh,í'tŽ~-,³,ê,Ü,μ,½

à-¾

NIOSf,fWf...[f<,lfbbfZ[fWftf@fCf<,ðf[fh,Á,«,Ü,¹,ñ,Á,μ,½B

^'u

ŽŸ,ì,±,Æ,ðŽÀ[s,μ,Ä,,¾,¾,¾,¾

- Žw'è,μ,½CE¾CEê,³NWLANGUAGESŠÂ«•İ" ,É³,μ,Ÿ'è,³,ê,Ä,ç,é,©Šm"F,μ,Ä,,¾,¾,¾,¾
- •É,lfAfvfŠfP[fVf#",³ŠO•"fbfZ[fWftf@fCf<,ðŠj,ç,Ä,ç,È,ç,©Šm"F,μ,Ä,,¾,¾,¾,¾
- ŠO•"fbfZ[fWftf@fCf<('Ÿ,·,éê#),³,μ,çêŠ,É, ,é,©Šm"F,μ,Ä,,¾,¾,¾,¾BCE¾CEêf,fWf...
[f<,íŽŸ,ì,æ,æ,ÉEŸð,³,ê,Ü,·BLOADfffBfCefNfgfŠ,íA·\Z|,³,ê,½fbfZ[fWftf@fCf<,³, ,éêŠ,Á,·B
fffCE"fgfffBfCefNfgfŠ,Á.MSGftf@fCf<,ð'T,μ,Ü,·BCE©,Á,©,ç,É,çê#ANWLANGUAGESŠÂ«•İ" ,³Ÿ'è,³,
è,Ä,ç,é,©,ç,æ,©f`fFbfN,μ,Ü,·B
- NWLANGUAGESŠÂ«•İ" ,³Ÿ'è,³,ê,Ä,ç,È,çê#ALOADfffBfCefNfgfŠ,É.MSGftf@fCf<,³, ,é,©f`fFbfN,
μ,Ü,·B.MSGftf@fCf<,³,É,çê#Af,fWf...[f<,ÉfofCf"fh,³,ê,Ä,ç,éfbfZ[fWftf@fCf<,ðŽg—p,μ,Ü,·B
- NWLANGUAGESŠÂ«•İ" ,³Ÿ'è,³,ê,Ä,ç,éê#A<load path>NLS\
YYY,í't,ÁfbfZ[fWftf@fCf<,ð'T,μ,Ü,·(YYY,INWLANGUAGE,ÉŸ'è,³,ê,Ä,ç,é'l,Á,·)B,»,±,É,È,çê#Af,fWf...
[f<,ÉfofCf"fh,³,ê,Ä,ç,éfbfZ[fWftf@fCf<,ðŽg—p,μ,Ü,·B

NIOS -x- 024: VCPI • ÜÆif, [fhfGf“fgfŠfjfcf“fg, đŽæ“¾, μ, æ, x, Æ, μ, Ü, μ, ½, a AŽ, ”s, μ, Ü, μ, ½

□à-¾

, ±, ìfGf%oo□[, a”□¶, ·, é, ±, Æ, Í, Ù, Æ, ñ, Ç, , è, Ù, ¹, ñ□B”□¶, ·, é, ì, Í□AŽÿ, ì, æ, x, È□ê□‡, Å, ·□B

- f□f, fŠf}f□[fWff, aVCPI Presence Detection<@”\, É“K□Ø, É%ž“š, μ□AGet Protected Mode Interface<@”\, É, Í%ž“š, μ, È, ç□ê□‡
- f□f, fŠ, a”j%ó, ³, è, Ä, ç, é□ê□‡
- f□f, fŠf}f□[fWff, a”j%ó, ³, è, Ä, ç, é□ê□‡

□^’u

□Å□%o, É□Af}fVf“, ð□Ä<N“@, μ, Ä, Ý, Ä,, ¾, ³, ç□B□Ä<N“@Æã, à□ANIOS, ìf□□[fh’t, É, ±, ìf□fbfZ□[fW, a•\ Ž, ì, ³, è, é□ê□‡□A•É, ìf□f, fŠf}f□[fWff, ð“ùŽè, μ, Ä, -

, ¾, ³, ç□B, ½, ¾, μ□ACE»Ý, ìf□f, fŠf}f□[fWff, aEmm386, ì□ê□‡, Í□AEmm386, ð□í□æ, μ, ÄHIMEM.SYS, ¾, -, ðŽg— p, μ, Ä,, ¾, ³, ç□B

NIOS -x- 027: ,±,lf}fVf“,ÉfCf“fXfg[f<,³,ê,Ä,ç,éBIOS,ÍINT 15hfL[f{[fhfCf“f^fZfvfg<@”\,ðfTf|
[fg,µ,Ä,ç,Ü,¹,ñBNIOS.EXE,í,±,lf}fVf“,ÅŽg—p,Ä,«,Ü,¹,ñ

□à-¾

,Ü,Æ,ñ,Ç,lf}fVf“,ìBIOS,Å,íAfl[f{[fhŠ,,èž,Ý(9h)”□Žž,ÉAINT 15hftf@f“fNfVf#f“,ì4fh,ì□□—,ðfTf|
[fg,µ,Ä,ç,Ü,·BNIOS,É,íAfffobfKfTf|[fg,âfEfh[f€fu[fgfNfŠ[f“fAfbfv,É,Ç,ì<@”\,ìTf|[fg,É,±
,ìftf@f“fNfVf#f“,³•K—v,Ä,·B

□^’u

,±,ìftf@f“fNfVf#f“,ðfTf|[fg,·,éBIOS,ÉĎđŠ,µ,Ä,,¾,¾,ç□B

NIOS -x- 028: , . , x , Ä , Ì XMSf f , fŠ , aŽg — p't , © AXMSfGf% [, a " f , μ , Ü , μ , ½

□ à - ¾

NIOS , Ì ' à • " • a , Ì XMSf f , fŠ , É f [f h , ¾ , é , é , Ì , Å ANIOS , Ì f [f h Žž , É XMSf f , fŠ , aŽg — p , Å , « , È , ~ , é , Ì , È , è , Ü , 1 , ñ B , ± , Ì f [f b f Z [f W , a • \ Ž ! , ¾ , é , é , Ì , Ì A < ó , « XMSf f , fŠ , ð Š m " F , : , é , ½ , ß , É NIOS , a f [f , fŠ f } f [f W f f , É ' Ì , μ , Ä Ž A [s , : , é [% o Š ú [A % o Ì , É Ž , " s , μ , ½ [é [# [A , Ü , ½ , Ì < ó , « f [f , fŠ , a , È , ç , ± , A , ð Ž ! , : f G f % [, a [A , ± , Ì [A % o Ì , É , æ , Ä , Ä f A f v f Š f P [f V f # f " , É • Ö , ¾ , é , ½ [é [# , Ä , : B

□ ^ ' u

< ó , « XMSf f , fŠ , ð ' [, à , μ , Ä , , ¾ , ¾ , ç [B f [f N f X f e [f V f # f " , Ì f [f , fŠ , É Š Ö , : , é - à ' è , Ì % o ð C E ^ • ù - @ , ð Ž Q [A , μ , Ä , , ¾ , ¾ , ç [B

NIOS -x- 029: □%ŠúXMSf□f,fšš,,è“-,Ä,ªŽ, ”s,μ,Ü,μ,½□BfGf%□[fR□[fh(XMS_error_code, hex_value)

□à-¾

NIOS.EXE,ìf□□[fhŽž,ÉXMSf□f,fš,šš,,è“-,Ä,é,±,Æ,ª,Å,«,Ü,¹,ň,Å,μ,½□B

□^'u

□^'u,Í•\Ž³,é,éfGf%□[fR□[fh,É%ž,¶,Ä^Ù,È,è,Ü,·□BfGf%□[“Ô□t,ì, ,Æ,ÉfGf%□[fR□[fh,ì□à-¾,ª•\ Ž³,é,Ü,·□B•\Ž³,é,é“Á'è,ìXMSfGf%□[fR□[fh,É,Ä,ç,Ä,í□AZg—p,μ,Ä,ç,éf□f,fšf}f□[fWff,ìf}fjf... fAf<,šŽQ□Æ,·,é,©□Af□f,fšf}f□[fWff,ìfxf“f_É-â,ç□#,í,¹,Ä,,^¾,^¾,ç□B

NIOS -x- 030: %ŠúXMSf,fŠfuffbfN,đfbfN,μ,æ,ꝛ,Æ,μ,Ü,μ,½,ªAŽ, "s,μ,Ü,μ,½BfGf
%[fR[fh(XMS_error_code, hex_value)

à-¾

NIOS.EXE,ìf[fhŽž,ÉXMSf,fŠ,đfbfN,Å,«,Ü,¹,ň,Å,μ,½B

^'u

^'u,Í·\Ž³,ê,éfGf%[fR[fh,É%ž,¶,Ä^Ù,È,è,Ü,·BfGf%["Ôt,ì, ,Æ,ÉfGf%[fR[fh,ìà-¾,ª·\
Ž³,ê,Ü,·B·\Ž³,ê,é"Á'è,ìXMSfGf%[fR[fh,É,Å,ç,Ä,íAŽg—p,μ,Å,ç,éf[f,fŠf}f[fWff,ìf}fjf...
fAf<,đŽQÆ,·,é,©Af[f,fŠf}f[fWff,ìfxf"f_É-â,ç¶,í,¹,Ä,,¾,³,çB

NIOS -x- 036: XMS Move XMSf, fŠfuf, fbfN(XMS_error code: hex_value), ìCEÄ, Ño, μžž, ìfGf %o, Ä, ·

à-¾

NIOS.EXE, ìf, fhžž, ÉXMSf, fŠ, ð^Ú“ @, Ä, «, Ü, ¹, ñ, Ä, μ, ½B

^'u

^'u, í·ž, ³, ê, éfGf%o, [fR, fh, É%ž, ¶, Ä^Ù, È, è, Ü, ·BfGf%o, [“Ôt, ì, , Æ, ÉfGf%o, [fR, fh, ìà-¾, ²·\ ž, ³, ê, Ü, ·B·ž, ³, ê, é“Á'è, ìXMSfGf%o, [fR, fh, É, Ä, ç, Ä, íAžg—p, μ, Ä, ç, éf, fŠf}f, [fWff, ìf}fjf... fAf<, ðžQ, Æ, ·, é, ©Af, fŠf}f, [fWff, ìfxf“f_, É-â, ç, ¶, í, ¹, Ä, , ¾, ³, çB

NIOS -x- 037: , ±, ìf, fWf... [f, í, , Á, Éf [fh, ³, è, Ä, ç, Ü, ·

□ à-¾

, ·, Á, Éf [fh ì, Ý, ìNIOS.EXE, ðf [fh, µ, æ, ²

, Æ, µ, Ü, µ, ½ □BNIOS.EXE, ð, ·, Á, ÉZÄ [s't, ì, Æ, «, É□A□Ä, ÑNIOS.EXE, ðf [fh, ·, é, ±, Æ, í, Å, «, Ü, ¹, ñ □B

□ ^'u

NIOS.EXE, ð2% ñf [fh, µ, È, ç, Å, , ¾, ³, ç □B

NIOS -x- 039: "Ç,Ýž,Ý,ì,½,ß,ÉNIOS.EXE,ðŠJ,±,α,Æ,μ,Ü,μ,½,ªAŽ,"s,μ,Ü,μ,½

□à-¾

NIOSfNf%ofCfAf"fg,íA□%Šú%»'†,Æ□%Šú%»Æã,ÉNIOS.EXEftf@fCf<,ð"Ç,Ýž,Ý—p,ÉŠJ,•K—v,ª, ,è,Ü,·□B
,±,ìfGf%□[,í□ANIOS.EXE,ð□%Šú%»>,Å,«,½,ªA"Ç,Ýž,Ý—p,ÉŠJ, ,È,ç,±,Æ,ð•\,μ,Ä,ç,Ü,·□B

□^'u

ft□[fU,ìCE —~ ,ª"K—p,¾,è,éf□□[fNfXfe□[fVf†f"□ã,ÅNIOS.EXEftf@fCf<,ð"Ç,Ýž,þCE —~ ,ðft□[fU,ªŽ□,Á,Ä,ç
,é,©□A,Ü,½NIOS.EXEftf@fCf<,ì'®□<,ª"Ç,Ýž,Ý%»Ä"\,É,È,Á,Ä,ç,é,©Šm"F,μ,Ä,-
,¾,¾,ç□B'¾,ìfAfvfŠfP□[fVf†f" ,ªNIOS.EXE,ðŠJ,ç,Á,ç,È,ç,±,Æ,àŠm"F,μ,Ä,,¾,¾,ç□B

NIOS -x- 040: NIOS.NLMftf@fCf<,đ“Ç,Yž,Þ,ì,É\•ª,È<ó,«f,f,Ť,ª, ,è,Û,¹,ñ

□à-¾

NIOS.NLMftf@fCf<,íNIOS.EXE,ÉfŠf“fN,³,è,Û,·□BNIOS,ªŽg—p,·,éfRf“fxf“fVf#fif<f,f,Ť,í□A□%Šú
%»»CEă,í”ñí,É□-,³,,È,è,Û,·,ª□A□%Šú%»’t,í’â—Ê,Å,·□BNIOS,í□%Šú
%»»,ì,½,ß,ìfRf“fxf“fVf#fif<f,f,Ť,ª•s’«,,μ,Ä,ç,Û,·□B

□^’u

f□□[fNfXfe□[fVf#f“],ìfRf“fxf“fVf#fif<f,f,Ť,ì<ó,«,đ’□,â,μ,Ä,,¾,¾,ç□Bf□□[fNfXfe□[fVf#f“].ìf,f,Ť,ÉŠÖ,·,é-â’è,ì
%»đCE^•û-@,đŽQ□Æ,μ,Ä,,¾,¾,ç□B

NIOS -x- 041: NIOS.EXE,đ“Ç,Ýž,à,±,Æ,μ,Ü,μ,½,ªAŽ.”s,μ,Ü,μ,½

□à-¾

NIOS,Í□A□%Šú%»'†,Æ□%Šú%»CEã,ÉNIOS.EXEftf@fCf<,đ“Ç,Ýž,±•K—v,ª, ,è,Ü,·□Bft□[fU,ªNIOS.EXE,đŽ
À□s,μ,Ä□A“Ç,Ýž,Ý—p,ÉŠJ,,±,Æ,Í,Ä,«,Ü,μ,½,ª□ANIOS,ªNIOS.EXEftf@fCf<,đ“Ç,Ýž,Ý†,ÉfGf%□[,ª”-
□¶,μ,Ü,μ,½□Bftf@fCf<,ª%ó,è,Ä,ç,é%Ä“\□«,ª, ,è,Ü,·□B

□^'u

'¼,lfAfvfŠfP□[fVf†f“,ªCE»ÝNIOS.EXEftf@fCf<,đŠJ,ç,Ä,ç,È,ç,±,Æ,đŠm”F,μ,Ä,-
,¾,¾,ç□B'¼,lfAfvfŠfP□[fVf†f“,ªŠJ,ç,Ä,ç,È,ç□é□†,à,±,lf□fbfZ□[fW,ª•\Ž!,¾,è,é,Æ,«,Í□ANIOS.EXEftf@fCf<,ª
%ó,è,Ä,ç,é%Ä“\□«,ª, ,è,Ü,·□B,±,ì□é□†,Í□ANIOS.EXEftf@fCf<,đ□V,μ,çftf@fCf<,ÆCEđŠ·,μ,Ä,,¾,¾,ç□B

NIOS -x- 042: -³CEø,ÈfRf}f“fhf%oCf“flfvfVf#f“ ,aŽw'è,³,è,Ü,μ,½:
□uoption_specified_by_user□v

□à-¾

NIOS.EXE,ðf□□[fh,·,é,Æ,«,É□A-³CEø,ÈfRf}f“fhf%oCf“flfvfVf#f“,ð“ü—Í,μ,Ü,μ,½□B,±,lf□fbfZ□[fW,Æ^è□□,É□A—LCEø,ÈflfvfVf#f“,lfŠfXfg,a•\Ž!,³,è,Ü,·□B

□^'u

NIOS.EXE,ðf□□[fh,·,é,Æ,«,É□A—LCEø,ÈflfvfVf#f“,ð“ü—Í,μ,Ä,,¾,¾,ç□BflfvfVf#f“,lfŠfXfg,ð,à,π^è“x•\Ž!,·,é,É,í□A□uNIOS /?□v,Æ“ü—Í,μ,Ä<Enter>,ð%Ÿ,μ,Ä,,¾,¾,ç□B

**NIOS -x- 043: -³CEø,Èf,□[fhfXfCfbf`f^fCfv□switch_type□v□Bfwf·fv,ð·\Ž|,·,é,É,ÍNIOS /?,Æ“ü—
Í,μ,Ä,,¾,¾,ç**

□à-¾

NIOS.EXE,ðf□□[fh,·,é,Æ,«,É□A-³CEø,ÈfXfCfbf`f^fCfv,ð“ü—Í,μ,Ü,μ,½□B

□^'u

NIOS.EXE,ðf□□[fh,·,é,Æ,«□A—LCEø,Èf|fvfVf†f“,ð“ü—Í,μ,Ä,,¾,¾,ç□BfŠfXfg,ð·\Ž|,·,é,É,Í□A□uNIOS /?□v,Æ“ü—
Í,μ,Ä<Enter>,ð%oŸ,μ,Ä,,¾,¾,ç□B

**NIOS -x- 044: -³CEø,ÈXMS APIfGf“fgfŠf}fCf“fgBfCf“fXfg[f<,³,è,Ä,ç
,éf[f,fŠf}f[fWff,íXMS•W[€,Æ,íCEÝŠ•[«,ª, ,è,Û,¹,ñ**

□à-¾

NIOS.EXE,íAXMS,ìŽd—l,ÉŽ!,³,è,½•û-@,đŽg—p,μ,ÄAXMSf[f,fŠf}f[fWff,ìAPIfGf“fgfŠf}fCf“fg,đ“ü—
í,·,é•K—v,ª, ,è,Û,·BNIOS.EXE,ª³[í,É“@[ì,·,é,É,íAf[f,fŠf}f[fWff,ª,±,ì•û-@,đTf|[fg,μ,Ä,ç
,É,¯,è,í,È,è,Û,¹,ñBfCf“fXfg[f<,³,è,Ä,ç,éf[f,fŠf}f[fWff,Æ^è[□,ÉNIOS.EXE,đŽÁ[s,·,é,±,Æ,ª,Ä,«,Û,¹,ñB

□^’u

•É,ìf[f,fŠf}f[fWff,đfCf“fXfg[f<,μ,Ä,,¾,³,ç[B,»,ì, ,Æ[A,à,π^è“xNIOS.EXE,đ[‰Šú‰»»,μ,Ä,Ý,Ä,,¾,³,ç[B

NIOS -x - 066: <^Ž—f,fWf...[f<name,í”j%ó,³,è,é’O,É1,Ā^Èā,lfŠf[fX,ð%ð•ú,μ,Ü,¹,ñ,Ā,μ,½

□à-¾

NIOS,Ā,í□AŽÀ□Ů,í“~,¶f,fWf...[f<,ì^è•”,¾,ª•Ê,lf,fWf...[f<,ì,æ,π,É^μ,í,é,é□u<^Ž—f,fWf...
□[f<□v,ð□Af□□[fh□İ,Ÿ,lf,fWf...[f<,É,æ,Ā,Ā□□—,Ā,«„Ü,·□BNIOS,í□Af□□[fh□İ,Ÿ,İŠef,fWf...
□[f<,É,æ,é□□[fNfXfe□[fVf†f“fŠf□[fX,İŽg—p(f□f,fŠŠ,,,è—,Ā,â“~ŠúfufWfFfNfg,È,C),ðfgf
%ofbfLf“fO,μ,Ü,·□Bf□□[fh□İ,Ÿ,lf,fWf...[f<,ðfAf“f□□[fh,·,é,Æ,«□A,»,lf,fWf...[f<,í□AŽg—p,μ,Ā,ç
,½,·,x,Ā,lf□□[fNfXfe□[fVf†f“fŠf□[fX,ð%ð•ú,μ,É,~ ,é,İ,È,è,Ü,¹,ñ□Bf□□fZ□[fW,É•\Žİ,³,è,½f,fWf...[f<,í□AŽg—
p,μ,Ā,ç,½fŠf□[fX,ð%ð•ú,μ,Ü,¹,ñ,Ā,μ,½□B

□^’u

ft□[fU,í□)Æ,ð’±□s,Ā,«,é,±,Æ,à, ,è,Ü,·,ª□Af□□[fNfXfe□[fVf†f“,İŠĀ««ª•s^À’è,É,È,Ā,Ā,ç
,Ü,·□Bf□□[fNfXfe□[fVf†f“,ðĀĀ<N“@,μ,Ā,,¾,¾,ç□B-â’è,ª•ø,«’±,«”□¶,·,é□ê□†,í□A•\Žİ,³,è,½f,fWf...
□[f<,lfxf“f_É-â’è”_ð•ñ□□,μ,Ā,,¾,¾,ç□B

NIOS -x- 067: XMS, ©, çŠ,, è“-, Ä, ç, ê, Ä, ç, é•” —
f f, fŠfuf fbfN, íNIOSfŠfjfAfAhfCEfXf}fbfsf“fO, ð’ , , Ä, ç
, Ü, •BlocationfTfCfYnumberfofCfg, İŠ,, è“-, Afuf fbfN, İÄãÊ, İ•” —
fAhfCEfXlocation, ðnumberfofCfg•â’ , , Ä, ç, Ü, •

à-¾

%Šú%»Žž, ÉNIOS, İAf fNfXfe fVf+“ , İf f, fŠ, İÄãÊ, İ•” — f f, fŠfAhfCEfX, ð” »è, µ, Ä, ±, İfAhfCEfXÊ
%º, İ, , x, Ä, İf f, fŠ, ðfŠfjfAfAhfCEfX, Éf}fbfsf“fO, µ, Ü, •BfCf“fXfg f, ç, ê, Ä, ç, éf f, fŠf}f fWff, İA%Šú
%»Žž, ÉNIOS, â” »è, µ, ½fAhfCEfX, æ, èãÊ, İfAhfCEfX, ð•Ö, µ, Ü, µ, ½B, ±, İŠ^á, â, ½Ê^ö, İAZÿ, İ3, Ä, İ, ç
, , è, ©, Æ, İ, ç, ê, Ü, •B

- f f, fŠ, â”j%ó, ç, ê, Ä, ç, Ü, •B
- f f, fŠf}f fWff, ÉfofO, â, , è, Ü, •B
- NIOS, â•” — f f, fŠ, İÄãÊ, ð³, µ, ” »è, µ, Ä, ç, Ü, ¹, ñB

^’u

f fNfXfe fVf+“ , ðÄ•N“® , µ, Ä, , ¾, çB, ±, İ-â’è, â^ø, «±, «”f, , éê#Af f, fŠf}f fWff, ð•İX, µ, Ä, Ý, Ä, -
, ¾, çB

*fmfxf<, İx•W@**fT f hfp f efB, İx•W
Üx, İx•W, ðZQ Æ, µ, Ä, , ¾, çB

NIOS -x- 069: NetWare Client, , , éŠÖ, " 'Ò, , , ¾, ¾, ¢

□ à-¾

, ±, ìf□bfZ□[fW, í□Aft□[fU, ¢<Ctrl>+<Alt>+, ð%Ÿ, µ, ½, Æ, «, É•\
Ž, ¾, è, Û, ·□Bf□□[fNfxfe□[fVf†f“, ìfVfffbfjgf_fEf“, ì'O, É□Af□□[fh□ï, Ÿ, ì, ·, x, Ä, ìf, fWf...
□[f<, ÉNIOS.EXE, ¢fNfŠ□[f“fAfbfv(fLfffbfVf... ìftf%ofbfVf..., â□Ú' ±, ì%œð□œ, È, Ç), ì<@%ï, ð—^, ì, Ä, ¢, éŠÖ□A, ±
, ìf□bfZ□[fW, ¢•\Ž, ¾, è, Û, ·□B

□ ^'u

1. f}fVf“, ¢□Ä<N“ ®, ·, é, Û, Å'Ò, Á, Ä, , ¾, ¾, ¢□B
2. f}fVf“, ì“dœ¹, ð□Ø, Á, Ä, , ¾, ¾, ¢(ff□[f^, ¢Ž, ì, è, é□ê±, ¢, , è, Û, ·)□B

NIOS -x- 070: -

³CEø,ÈŠ,,èž,Ý uvalue v,žw'è,³,è,Ü,μ,½BŠ,,èž,Ý,Í0`F,ì"íí,ì16i",Ä,È,¯,é,Î,È,è,Ü,¹,ñ

à-¾

NIOS,í[ALANfhf%ofCfo,ìfRf}f"fhf%ofCf",ð%øðí,·,éT[fjrfX,ðLANfhf%ofCfo,É'ñ<ÿ,μ,Ü,·BLANfhf
%ofCfo(CNE2000.LAN,È,Ç),ª%øðŽB,Ä,«,È,ç'l,ðfRf}f"fhf%ofCf",ìuint= v,ì"•ª,ÉŽw'è,μ,ÄLANfhf
%ofCfo,ðf[fh,μ,½è#A,±,lf[fbfZ[fW,ª•\Ži,³,è,Ü,·B

^'u

—LCEø,ÈŠ,,èž,Ý'l,ðŽg—p,μ,ÄLANfhf%ofCfo,ðf[fh,μ,Ä,,¾,³,çB

**NIOS -x- 071: f,fWf...[f<name,Í-³CEø,Èf,fWf...[f<fnf“fhf<fpf%of□□[f^,ðNIOSŠÖ□”(name)
,É“n,μ,Ü,μ,½**

□à-¾

•\Ž|,³,ê,½f,fWf...[f<ÉfofO,ª, ,è,Ü,·□B,Ü,½,Íf□□[fNfXfe□[fVf†f“,ìf□f,fŠ,ª”j%ó,³,ê,Ä,†,é%Å”\□«ª, ,è,Ü,·□B

□^’u

ft□[fU,í□i<Æ,ð’±□s,Å,«é,±,Æ,à, ,è,Ü,·,ª□A□□[fNfXfe□[fVf†f“,ìŠÅ«ª,ªs^À’è,É,È,Á,Ä,†
,Ü,·□B□□[fNfXfe□[fVf†f“,ð□Ä<N“@,μ,Ä,,¾,¾,†□B-â’è,ª^ø,«’±,«”□¶,·,é□ê□†,í□A•\Ž|,³,ê,½f,fWf...
□[f<ìfxf“f_É-â’è“_ð•ň□□,μ,Ä,,¾,¾,†□B

NIOS -x- 072: NIOS,Ä•K—v,ÈŠjffAfAfhfCEfX”Í^í,í,.,Ä,ÉŽg—p,³,ê,Ä,ç,Ü,•

□à-¾

fVfXfefçfCEfxf<,ÅŽÀ□s,³,ê,é'¼,lfvf□fOf%of€,,ÆÖ“È,μ,Ä,ç,Ü,·□B'¼,lfvf□fOf%of€,³f□□[fh,³,ê,Ä,ç,éŠÖ□ANIOS,ðŽÀ□s,Ä,«,Ü,¹,ñ□B

□^'u

□Ö“È,μ,Ä,ç,éfvf□fOf%of€,³CE©,Ä,©,é,Ü,Å□Afvf□fOf%of€,ð^ê“x,É1,Ä,,.ÄfAf“f□□[fh,μ,Ä,,¾,³,ç□B□Ö“È,μ,Ä,ç,éfvf□fOf%of€,ðí□œ,μ,Ä,,¾,³,ç□B

NIOS -x- 073:

f{f,fŠf}f{fWff,ìGDT,ÀfZfCfNf^,²CE©,Â,©,è,Û,¹,ñBNIOS.EXE,ðf{fh,·,é,Æ,«,íCEÝŠ·VCPIf,[]fhØ,è'Ö,[]Rf}f“fhf%ofCf“fifvfVf#f“/MV,ðŽg—p,μ,Ä,,¾,³,ç

à-¾

EMM386f{f,fŠf}f{fWff,ðCEÿo,·,é,ÆANIOS,íAEMM386,æ,è,‘,¬,Éfvf{fZfbfT,ìf,[]fh,ðØ,è'Ö,ì,é“Á•Ê,È<@“\,ðŽg—p,μ,ÄAEMM386f{f,fŠf}f{fWff,ì•W€<@“\,ð-³CEø,É,μ,æ,æ,Æ,μ,Û,·B,±,ì,‘,¬,È<@“\,Ä,íAEMM386f{f,fŠf}f{fWff,ìGDT(fOf{fof<<LqZqfe{fuf<),É, ,éA,æ,‘m,ç,è,½<ó,«fZfCfNf^,ðŽg—p,μ,Û,·B<ó,«fZfCfNf^,²,É,çê+ANIOS,ì•W€,ìVCPIf,[]fhØ,è'Ö,ì,μ,©Žg—p,Ä,«,Û,¹,ñB

^'u

NIOS.EXE,Ä•W€,ìVCPIf,[]fhØ,è'Ö,ì,ðŽg—p,·,é,É,íA{Rf}f“fhf%ofCf“fifvfVf#f“ ,ì/MV,ðŽg—p,μ,ÄNIOS.EXE,ðÄf{fh,μ,Ä,,¾,³,çBfNf%ofCfAf“fg,ðf{fbfgf{fN,ÉÛ'±,·,é,ì,É•K—v,Éf,fWf...[]f<,ðŽèì<Æ,Äf{fh,·,é,©ASTARTNET.BAT,ðŽÄs,μ,Ä,,¾,³,çB

NIOS -x - 074: -³CEø,Èf[]f,šŠf}fi[]fWfflIDT[]uInvalid

**Opcode[]vfZfCEfNf^[]BNIOS.EXE,ðf[][]f[h,·,é,Æ,«,íCEÝŠ·VCPIf,[]f[h[]ø,è'Ö,}fRf}f“fhf
%øfCf“fjfvfVfj”/MV,ðŽg—p,μ,Ä,,¾,¾,ç**

[]à-¾

EMM386f[]f,šŠf}fi[]fWff,ðCEÿ[]o,·,é,Æ[]ANIOS,í[]AEMM386,æ,è[],'¬,Éfvf[]fZfbfT,ìf,[]f[h,ð[]ø,è'Ö,ì,é“Á·Ê,È<
@“\,ðŽg—p,μ,Ä[]AEMM386f[]f,šŠf}fi[]fWff,í·W[]€<@“\,ð-³CEø,É,μ,æ,æ,Æ,μ,Û,·[]B,±,ì[],'¬,È<@“\,Ä,í[]A-
³CEø,È%ø%øŽZfR[]f[hftfHf<fg,ìŠ,,,è[]ž,Ý,³ftfbfN,¾,è,Û,·[]B,±
,ìŠ,,,è[]ž,Ý,ìCE»[]Ý,}fZfCEfNf^,ª16frfbfg,ì80386(^È[]~),ìŠ,,,è[]ž,ÝfQ[]fg,Ä,í,È,ç[]ê[]#[]ANIOS,í·W[]€
,ìVCPIf,[]f[h[]ø,è'Ö,ì,μ,©Žg—p,Ä,«,Û,¹,ñ[]B

[]^'u

NIOS.EXE,Ä·W[]€,ìVCPIf,[]f[h[]ø,è'Ö,ì,ðŽg—p,·,é,É,í[]Afrf}f“fhf%øfCf“fjfvfVfj” ,ì/MV,ðŽg—
p,μ,ÄNIOS.EXE,ð[]Äf[][]f[h,μ,Ä,,¾,¾,ç[]B

NIOS -x- 075: NetWare Client 32, Windows v3.0, fTf|fg,μ,Ä,ç,Ü,¹,ñ

^'u

Windows**, ðV,μ,çfo[fWf#f",ÉfAfbfvfOfCE[fh,μ,Ä,,³/₄,³,çB

*fmfxf<,i•W@**fT[fhfp[fefB,i•W

Üx,i•W,ðZQÆ,μ,Ä,,³/₄,³,çB

**NIOS -x- 076: fCf“fXfg[f<,³,ê,Ä,ç,éNetWare Client 32,Í,±,lfo[fWf#f“,ìWindows,ðfTf|
[f_g,μ,Ä,ç,Ü,¹,ñ**

□à-¾

NIOS.EXE,³f□□[fh,³,ê,Ä,ç,é,Æ,«,ÉWindows** 95**,ðŽg—p,μ,Ä□%oŠú%o»,μ,æ,π,Æ,·,é,Æ□A,±
,ìf□bfZ□[fW,^a·\Ži,³,ê,Ü,·□B

□^*u

Windows 95,ðŽg—p,·,é□ê□#□ANetWare* Client* 32* for Windows 95,ðfCf“fXfg[f<,μ□AŽg—p,·,é,æ,π
,É,μ,Ä,,¾,³,ç□B

*fmfxf<,ì□π•W□@**fT□[fhfp□[fefB,ì□π•W
□Ú□x,Í□π•W,ðŽQ□Æ,μ,Ä,,¾,³,ç□B

**NIOS -x- 077: fGf“fnf“fXf,□[fhWindows,lfTf|□[fg,É•K—
v,ÈNIOS_path_and_filename,ªCE©,Â,©,è,Ü,¹,ñ**

□à-¾

Windows** 3.1x,lfGf“fnf“fXfhf,□[fh,ðTf|□[fg,·,é,É,í□A•\
Ž|,³,è,½ftf@fCf<,í□i□œ,â•í□X,ð□s,Á,Ä,Í,É,ç, □A“Ç,Ý□ž,Ý%oÄ“\,Ä,È, -,ê,Î,È,è,Ü,¹,ñ□B,±,lf□fbfZ□[fW,í□A•\
Ž|,³,è,½ftf@fCf<,ðNIOS,ª“Ç,Ý□ž,Ý—p,ÉŠJ, -,È,©,Ä,½,±,Æ,ðŽ|,μ,Ä,ç,Ü,·□B

□^’u

•\Ž|,³,è,½□ê□Š,Éfile_name,ª’¶□Ý,·,é,©Šm”F,μ□A,»,lfTf@fCf<’®□«,ª“Ç,Ý□ž,Ý%oÄ“\,É,È,Ä,Ä,ç,é,±
,Æ,ðŠm”F,μ,Ä,,¾,¾,ç□B

*fmfxf<,í□x•W□@**fT□[fhfp□[fefB,í□x•W
□Ú□x,í□x•W,ðZQ□Æ,μ,Ä,,¾,¾,ç□B

NIOS -x- 078: WindowsŠÄ«»,lfTf][fg,É•K—v,ÈNIOS_path_and_file_name,©,çî•ñ,đŽ©“@f][fh,μ,æ,ɣ,Æ,μ,½,Æ,«,ÉfGf%oo[.,ª”][μ,Ü,μ,½][B,±,lfTf@fCf<,É’í,μ,Äí][œ[A^U“@][A•İ[X,ì,Ç,ê,à[s,í,ê,Ä,ç,È,ç,±,Æ,đŠm”F,μ,Ä,-,¾,¾,ç][BWindows,lf][fh,í’†Ž~¾,ê,Ü,.

à-¾

Windows** 3.1x,lfGf“fnf“fXfhf,][fh,đfTf][fg,.,é,É,í[A•\Ž,¾,ê,½ftf@fCf<,í][œ,à•í[X,đ[s,Ä,Ä,í,È,ç,.[A“Ç,Ýž,Ý%oÅ“\,Ä,È,.,é,í,È,è,Ü,¾,ñ][B,±,lf][fbfZ][fW,í[A•\Ž,¾,ê,½ftf@fCf<,đNIOS,ª“Ç,Ýž,Ý—p,ÉŠJ,.,±,Æ,í,Ä,«,½,ª[Aftf@fCf<,đ“Ç,Ýž,Ý’t,É¼,í-â’è,ª”][μ,½,±,Æ,đŽ,í,μ,Ä,ç,Ü,.[Bftf@fCf<,ª”j%ooó,¾,ê,Ä,ç,é,©[Af][fŠ,Éf][fh][í,Ý,ìNIOS,Æfo][fWf†f“,ª^Ü,È,Ä,Ä,ç,é%oÅ“\][«,ª,.,è,Ü,.[B

^’u

ftf@fCf<,ª%ooó,è,Ä,ç,é][è][†,í[A[V,μ,çftf@fCf<,đ“üŽè,μ,Ä,-,¾,¾,ç][Bfo][fWf†f“,ª^Ü,È,é][è][†,í[Af][fNfXfe][fVf†f“,đÄ•N“@,μ,Ä[ACE»[Ýf][fŠ,Éf][fh,¾,ê,Ä,ç,éfo][fWf†f“,Ä,í,È,.[Af][fbfZ][fW,ÉŽ,¾,ê,½ftf@fCf<,đf][fh,μ,Ä,¾,¾,ç][B

*fmfxf<,í][x•W@**fT][fhfp][fefB,í][x•W][Ü][x,í][x•W,đŽQ[Æ,μ,Ä,¾,¾,ç][B

NIOS -x- 083: NIOS,ÍEISA BIOS Int 15h,Ö,ìCEÄ,Ñ□o,μ,ð”□s,·,é,ì,É•K—
v,È2KB,ì^êŽžfRf“fxf“fvf†fif<f□f,fŠfXf^fbfN,ðŠ,,è“-,Ä,é,±
,Æ,ª,Á,«,Û,¹,ñ,Á,μ,½□BWindows,ª<N“®,μ,Ä,ç,éê†□A,±,ì-â‘è,íWindows,ì□%oŠú
%o»Žž,ÉNIOS,ªŠm•Û,·,éfRf“fxf“fvf†fif<f□f,fŠ,ð‘□%oÁ,·,é,±,Æ,É,æ,Á,Ä%oñ”ð,Á,«,Û,·

□^’u

ffftfHf<fg,Á,ÍNIOS.EXE,É8KB—\-ñ,³,è,Û,·,ª□ANET.CFGftf@fCf<,ìNIOS GLOBAL V86 WIN PAGESfpf
%of□□[f^,É•Ê,ì’l,ðŽw’è,·,é,ÆfTfCfY,ð•í□X,Á,«,Û,·□B

NIOS -x- 085: NetWare Client 32,lf^fXfNfXfCfbf`ff,ðfTf|[]fg,μ,Ä,ç,Ü,¹,ñ

□à-¾

Windows**,lfXf^f“f_[]fhf,[]fh,àŠÜ,ß,Ä[]ANetWare* Client* 32*,lf^fXfNfXfCfbf`ff,ðfTf|[]fg,μ,Ä,ç,Ü,¹,ñ□B

□^'u

fAfvfŠfP[]fVf#f“,lf^fXfNfXfCfbf` ,ð-³CEø,É,μ,Ä,,¾,³,ç[]BGroupWise* for
DOS,É,Ç,í^ê•”,lfAfvfŠfP[]fVf#f“,É,í[]A-³CEø,É,Å,«,éf^fXfNfXfCfbf`ff,ª, ,è,Ü,·□B-
³CEø,É,Å,«,È,ç[]ê[]#[]A,»,lfAfvfŠfP[]fVf#f“,íNetWare Client 32,Æ^ê[][],É,ÍŽg—p,Å,«,Ü,¹,ñ□B

*fmfxf<,ì[]x•W[]@**fT[]fhfp[]fB,ì[]x•W
□U[]x,í[]x•W,ðŽQ[]Æ,μ,Ä,,¾,³,ç□B

NIOS -x- 087: NIOS.NLM, NIOS.EXE, ÉŠÖ~A•t, -, ç, ê, Ä, ç, Ü, 1, ñ

□ à-¾

NIOS.EXEftf@fCf<, %ó, ê, Ä, ç, é, ©A³, μ, fŠf“fN, ³, ê, Ä, ç, Ü, 1, ñ□B

□ ^'u

□ V, μ, ç NIOS.EXEftf@fCf<, ð“üŽè, μ, Ä, , ¾, ³, ç□B

NIOS -x- 088: ffbfZ[fWftf@fCf<, ©,çNIOS.NLMffbfZ[fW,ð“Ç,Yž,ñ,Å,ç,é,Æ,«,ÉfGf%o[["a” -
¶¶,µ,Ü,µ,½

¶^'u

ŽŸ,ì,±,Æ,ðŽÀ¶s,µ,Ä,,¾,¾,¾,¾,¾,¾

- Žw'è,µ,½CE¾CEè,¶NWLANGUAGESÅ«•ĭ” ,ÉŸ'è,¾,è,Ä,ç,é,©Šm”F,µ,Ä,,¾,¾,¾,¾,¾,¾
- •È,ĭfAfvššfP[["Vf#” ,aŠO•”ffbfZ[fWftf@fCf<,ðŠ],ç,Ä,ç,È,ç,©Šm”F,µ,Ä,,¾,¾,¾,¾,¾,¾
- ŠO•”ffbfZ[fWftf@fCf<('¶Ÿ,·,éê¶),¶¾,µ,çê¶Š,É, ,é,©Šm”F,µ,Ä,,¾,¾,¾,¾,¾,¾BCE¾CEêf,fWf...
¶[f<,íŽŸ,ì,æ,æ,ÉCEŸð,¾,è,Ü,·¶B\LOADfffBfCEfNfgfŠ,í¶A•Ž,¾,è,½ffbfZ[fWftf@fCf<,a, ,éê¶Š,Ä,·¶B
ffCEf“fgfffBfCEfNfgfŠ,Ä.MSGftf@fCf<,ð'T,µ,Ü,·¶BCE©,Ä,©,ç,É,çê¶¶ANWLANGUAGESÅ«•ĭ” ,aŸ'è,¾,
è,Ä,ç,é,©,ç,æ,©f`fFfbfN,µ,Ü,·¶B
- NWLANGUAGESÅ«•ĭ” ,aŸ'è,¾,è,Ä,ç,È,çê¶¶\LOADfffBfCEfNfgfŠ,É.MSGftf@fCf<,a, ,é,©f`fFfbfN,
µ,Ü,·¶B.MSGftf@fCf<,a,È,çê¶¶Af,fWf...¶[f<,ÉfofCf“fh,¾,è,Ä,ç,éffbfZ[fWftf@fCf<,ðŽg—p,µ,Ü,·¶B
- NWLANGUAGESÅ«•ĭ” ,aŸ'è,¾,è,Ä,ç,éê¶¶A<load path>\NLS\
YYY,ì't,ÅffbfZ[fWftf@fCf<,ð'T,µ,Ü,·(YYY,INWLANGUAGE,ÉŸ'è,¾,è,Ä,ç,é'l,Ä,·)¶B,»,±,É,È,çê¶¶Af,fWf...
¶[f<,ÉfofCf“fh,¾,è,Ä,ç,éffbfZ[fWftf@fCf<,ðŽg—p,µ,Ü,·¶B

NIOS -x- 090: f,fWf...[f<,ðf[fh,-,é,ì,É\•²,Èó,«f,f,fŠ,², ,è,Ü,¹,ñ

□à-¾

f□□[fNfXfe□[fVf#f“,ìXMSf□f,fŠ,ìó,«,²•s’«,μ,Ä,ç,é,½,ß□A—v<□,³,ê,½f,fWf...□[f<,ðf□□[fh,Å,«,Ü,¹,ñ□B

□^’u

Žg—p,Å,«,éXMSf□f,fŠ,ð’□,â,μ,Ä,,¾,³,ç□Bf□□[fNfXfe□[fVf#f“,ìf□f,fŠ,ÉŠÖ,-,é-â’è,ì%øðCE^•û-@,ðŽQ□E,μ,Ä,-,¾,³,ç□B

NIOS -x- 091: f[] [fhftf@fCf<NLM_module_name>, aCE©, Â, ©, è, Ü, 1, ñ

□ à-¾

LOADfRf}f"fh, ð"ü—í, μ, ½, Æ, «[]Aftf@fCf<-¼, í[]³"-, Å, μ, ½, a[]A, »), ìftf@fCf<, aFT[] [f`—ì^æ, ì, Ç, ±, É, à, , è, Ü, 1, ñ□B

□ ^'u

NLM*fvf[]fOj%of€, ìftf@fCf<-¼, ì, Â, Æ, è, Æ, », ìftf@fCf<, ì^Ê'u, ðf`fFbfN, μ, Ä, , ¾, ¾, ç□B

*fmfxf<, ì[]x•W[]@**fT[] [fhfp[] [fefB, ì[]x•W

□Ü□x, ì[]x•W, ðZQ□Æ, μ, Ä, , ¾, ¾, ç□B

NIOS -x- 092: f[] [fhftf@fCf<fpfXpath and filename,đ“WŠJ't,lfGf%oo[] [,Á,•

[] à-¾

LOADfRf}f“fh,Éî,µ,Ä[] A•\Ž!,³,è,½ftf@fCf<,ìDOSftf<fpfX-¼,đNIOS,³CE^'è,Á,«,Ü,¹,ñ,Á,µ,½[] B

[] ^'u

•É,î^É'u,É, ,éf,fWf...[] [f<,đf[] [fh,µ,Ä,Ý,Ä,,¾,³,ç[] B

NIOS -x- 093: f,fWf...[f<,đf□□[fh,-,é,ì,É□\•²,È<ó,«f□f,fš,², ,è,Ü,¹,ň

□^'u

Žg—p,Å,«,éXMSf□f,fš,đ'□,â,μ,Ä,,³/₄,³,č□Bf□□[fNfXfe□[fVf#f“,ìf□f,fš,ÉšÖ,.,é-â'è,ì%∞đCE^•û-@,đžQ□E,μ,Ä,-
,³/₄,³,č□B

NIOS -x- 094: f,fWf...[f<name,²í'“ ,μ,Ä,ç,Ü,¹,ñ,Ä,μ,¹/₂

□à-¾

,±,lf□bfZ□[fW,í□Af,fWf...□[f<,ìŽÀ□s,đŠ®—¹,μ,¹/₂, ,Æ,ÉLOADfRf})f“fh,Éí,μ,Ä•\Ž|,³,ê,Ü,·□B,±,lf,fWf...
□[f<,í,·,Ä,Éf□f,Ť,Éf□□[fh,³,ê,Ä,ç,Ü,¹,ñ□B

□^'u

•K—v,Ä, ,ê,î□A•\Ž|,³,ê,¹/₂f,fWf...□[f<,đ□Äf□□[fh,μ,Ä,,³/₄,³,ç□B

NIOS -x- 096: NLM_module_name,Í—LCEø,Èf,fWf...[f<-¼,Â,Í, ,è,Ü,¹,ñ

□à-¾

—v<□,³,è,½f,fWf...[f<-¼,²□Af□□[fNfXfe□[fVf#“,ìfìyfC□[fefBf“fOfVfXfef€•W□€,ìf□[f~f“fO<K-ñ,É□€<’,μ,Ä,¢,Ü,¹,ñ□B

□^’u

f,fWf...[f<-¼,ì,Â,Ä,è,ðf`fFfbfN,μ,Ä□AfRf}f“fh,ð□Ä“ü—Í,μ,Ä,,¾,¾,¢□B

NIOS -x- 097: f,fWf...[f·NLM_module_name,íf[[fh,³,ê,Ü,¹,ñ

□à-¾

UNLOAD NLM_module_namefRf}f“fh,ð”ü—Í,μ,½,Æ,«□A”ü—Í,μ,½f,fWf...[f<,³E»□Ýf□□[fh,³,ê,Ä,ç
,Ü,¹,ñ,Â,μ,½□B

□^'u

f,fWf...[f<-¼,ì,Â,Ä,è,ðf`fFfbfN,μ,Ä□AfRf}f“fh,ð□Ä”ü—Í,μ,Ä,,¾,¾,ç□B

NIOS -x- 106: f,fWf...[f<,lftf@fCf<,ðfAfNfZfX,μ,Ä,ç,é,Æ,«,ÉfGf°%o[][,ª”-
[]l,μ,½,½,ß[]Amodule_name,ðf[][]fh,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½

[]à-¾

—v<[],³,ê,½f,fWf...[f<,ªE©,Ä,©,è,Ü,μ,½,ª[]A³[]í,É[]^—[],Å,«,Ü,¹,ñ,Ä,μ,½[]Bftf@fCf<,ª%ó,ê,Ä,ç,é%oÄ”\
[]«,ª, ,è,Ü,·[]B

[]^’u

,±,lftf@fCf<,l[]V,μ,çfo[][]fWf#f”,ðf,fWf...[f<,lfxf”f_,©,ç“üŽè,μ,Ä,,¾,³,ç[]B

NIOS -x- 107: f f, fŠ, a • s' «, μ, Ä, ç, é, ½, ß A module_name, ð f [fh, , é, ±, Æ, a, Ä, «, Ü, 1, ñ, Ä, μ, ½

à-¾

f [fNfXfe [fVf#f", \XMSf f, fŠ, a • s' «, μ, Ä, ç, é, ½, ß Af, fWf... [f, ð f [fh, Ä, «, Ü, 1, ñ B

^'u

Žg—p, Ä, «, éXMSf f, fŠ, ð' [, â, μ, Ä, ,¾, ¾, ç B f [fNfXfe [fVf#f", \f f, fŠ, ÉŠÖ, , é-â'è, \%øðCE^ •û-@, ð ŽQ Æ, μ, Ä, -
,¾,¾, ç B

NIOS -x- 108: f,fWf...[f<,a—LCEø,ÈNLMftf@fCf<,Á,È,ç,½,ßAmodule_name,ðf[]fh,·,é,±,Æ,a,Á,«,Ü,¹,ñ,Á,µ,½

à-¾

NIOS,íANetWaref[]f_fuf<f,fWf...[f<*(NLM*)ŽÀ[s%oÂ"vtf@fCf<Æ`Ž®,µ,©fTf[]fg,µ,Ä,ç,Ü,¹,ñB

^'u

,±,ìf,fWf...[f<,ífh,Á,«,Ü,¹,ñB

*fmfxf<,ìx•W@**fT[]fhfp[]fefB,ìx•W
Úx,ìx•W,ðŽQÆ,µ,Á,,¾,¾,çB

NIOS -x- 109: f,fWf...[f<,a-ç'è` ,lšO•"šÖ":

**name_of_external_API_function_needed_by_module,đŠQÆ,μ,æ,α
,Æ,μ,½,½,B Amodule_name,đf[fh,·,é,±,Æ,ā,Ā,«,Ü,¹,ñ,Ā,μ,½**

□à-¾

,±,ì-â'è,ìĈ'ö,íŽŸ,ì2,Ā,Ā,·□B

- name_of_external_API_function_needed_by_module,đŠÜ,bf,fWf...[f<,āf[fh,³,è,Ā,ç,Ü,¹,ñ□B
- name_of_external_API_function_needed_by_module,đŠÜ,bf,fWf...[f<,āf[fh,³,è,Ā,ç,Ü,¹,ñ□B

□^'u

•Ž|,³,è,½f,fWf...[f<,lfCf"fxfg[f<Žè□#,É□],Ā,½,©,Ç,α,©Šm"F,μ,Ā,,¾,¾,ç□Bf□fbfZ□fW,ā^ø,«'±,«•\
Ž|,³,è,é□é□#□A,Ç,lf,fWf...[f<,Éname_of_external_API_function_needed_by_module,ā, ,é,©•ā,©,ç,È, -,è,î□
A•Ž|,³,è,½f,fWf...[f<,lfxf"f_É-â,ç□#,í,¹,Ā,,¾,¾,ç□B

NIOS -x- 110: f,fWf...[f<,a,·,Â,ÉfGfNfXf|[fg,³,ê,Ä,ç,éŠÖ]:
name_of_exported_API_function_already_exported_by_another_module,ðfGfNfXf|[fg,µ,Ä,ç
,é,½,ß[Amodule_name,ðf|[fh,·,é,±,Æ,a,Ä,«,Ü,¹,ñ,Ä,µ,½

□à-¾

“^ê,ìfVf“f{f<,Ü,½,íAPIŠÖ”,ð2,Â,ìf,fWf...[f<,a“~Žž,ÉfGfNfXf|[fg,·,é,±,Æ,í,Ä,«,Ü,¹,ñ□B

□^'u

,±,ê,ç,ìf,fWf...[f<,ð-¼•û“~Žž,Éf|[fh,µ,È,ç,Ä,¾,¾,ç□B

NIOS -x- 111: f,fWf...[f<,lfbfZ[fWftf@fCf<,ÉfAfNfZfX,μ,Ä,ç,é,Æ,«,ÉfGf%o[,"ª"-
¶l,μ,½,½,ß¶Amodule_name,ðf¶[fh,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½

¶à-¾

•\Ž|,³,è,½f,fWf...[f<,ìŠO•"f¶bfZ[fWftf@fCf<,ðŠJ,,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½¶B

¶^'u

ŽŸ,ì,±,Æ,ðŽÀ¶s,μ,Ä,,¾,¾,ç¶B

- Žw'è,μ,½CE¾CEè,ªNWLANGUAGESĀ««•ï¶",É¶Ý'è,³,è,Ä,ç,é,©Šm"F,μ,Ä,,¾,¾,ç¶B
- •É,lfAfvfŠfP¶[fvf¶",ªŠO•"f¶bfZ[fWftf@fCf<,ðŠJ,ç,Ä,ç,È,ç,©Šm"F,μ,Ä,,¾,¾,ç¶B
- ŠO•"f¶bfZ[fWftf@fCf<('¶¶Ý,·,é¶ê¶¶),ª¶³,μ,ç¶ê¶Š,É, ,é,©Šm"F,μ,Ä,,¾,¾,ç¶BCE¾CEêf,fWf...
¶[f<,íŽŸ,ì,æ,æ,ÉCEŸ¶ð,³,è,Ü,·¶B\LOADfffBfCEfNfgfŠ,í¶A•\Ž|,³,è,½f¶bfZ[fWftf@fCf<,ª, ,é¶ê¶Š,Ä,·¶B
ffjCEf"fgfffBfCEfNfgfŠ,Ä.MSGftf@fCf<,ð'T,μ,Ü,·¶BCE©,Ä,©,ç,É,ç¶ê¶¶ANWLANGUAGESĀ««•ï¶",ª¶Ý'è,³,
è,Ä,ç,é,©,ç,æ,©f`fFbfN,μ,Ü,·¶B
- NWLANGUAGESĀ««•ï¶",ª¶Ý'è,³,è,Ä,ç,É,ç¶ê¶¶\LOADfffBfCEfNfgfŠ,É.MSGftf@fCf<,ª, ,é,©f`fFbfN,
μ,Ü,·¶B.MSGftf@fCf<,ª,É,ç¶ê¶¶¶Af,fWf...[f<,ÉfofCf"fh,³,è,Ä,ç,é¶bfZ[fWftf@fCf<,ðŽg—p,μ,Ü,·¶B
- NWLANGUAGESĀ««•ï¶",ª¶Ý'è,³,è,Ä,ç,é¶ê¶¶¶A<load path>\NLS\
YYY,ì't,Åf¶bfZ[fWftf@fCf<,ð'T,μ,Ü,·(YYY,ìNWLANGUAGE,É¶Ý'è,³,è,Ä,ç,é'l,Ä,·)¶B,»,±,É,È,ç¶ê¶¶¶Af,fWf...
¶[f<,ÉfofCf"fh,³,è,Ä,ç,é¶bfZ[fWftf@fCf<,ðŽg—p,μ,Ü,·¶B

**NIOS -x- 112: f,fWf...[f<,lf[]bfZ[]fWftf@fCf<,a-
³CEø,Å, ,é,©•s[]³,Èfo[]fWf†f“,Å, ,é,½,ß[]Amodule_name,ðf[][]fh,·,é,±,Æ,²,Å,«,Ü,¹,ñ,Å,μ,½**

□à-¾

•\Ž|,³,ê,½f,fWf...[f<—p,lf[]bfZ[]fWftf@fCf<,²[]³,μ,[][]¬,³,ê,Ä,ç,È,ç,©[]A%óó,ê,Ä,ç,Ü,·□B

□^'u

•\Ž|,³,ê,½f,fWf...[f<,Íf[][]fh,Å,«,Ü,¹,ñ[]Bf,fWf...[f<,lfxf“f_,©,ç[]V,μ,çfo[]fWf†f“,ð“üŽè,μ,Ä,,¾,³,ç□B

NIOS -x- 113: f,fWf...[f<,í,.,Á,Éf□□[fh,³,ê,Ä,¨,è□A2%ooñ^È□äf□□[fh,.,é,±,Æ,í,Á,«,È,ç,^{1/2},ß□Amodule_name,ðf□□[fh,.,é,±,Æ,^a,Á,«,Ü,¹,ñ,Á,μ,^{1/2}

□à-^{3/4}

•\Ž|,³,ê,^{1/2}f,fWf...[f<,ð,.,Á,Éf□□[fh□Ī,Ý,ì□ê□#□A,»,)f,fWf...[f<,í□□[fh,Á,«,Ü,¹,ñ□B

□^'u

,±,)f,fWf...[f<,ðf□□[fh,μ,^{1/2},ç□ê□#□AfAf“f□□[fh,μ,Ä,©,ç□Äf□□[fh,μ,Ä,,^{3/4},³,ç□B

NIOS -x- 114: 'O,Éf[fh,μ,½f,fWf...[f<,Æfo[fWf+f",^ù,È,Á,Ä,ç
,é,½,ßAmodule_name,ðÄ"xf[fh,·,é,±,Æ,²,Ä,«,Ü,¹,ñ,Á,μ,½

□à-¾

fo[fWf+f",^ù,È,é"^-ê,ìf,fWf...[f<,ð•;□"f[fh,·,é,±,Æ,Í,Ä,«,Ü,¹,ñ□B

□^'u

f[fh,μ,æ,æ,Æ,μ,½f,fWf...[f<,ìfo[fWf+f",^A'O,Éf[fh,μ,½f,fWf...[f<,ìfo[fWf+f",Æ"~,¶,©,Ç,æ
,©Šm"F,μ,Ä,,¾,¾,ç□B

NIOS -x- 115: f,fWf...

□[f<module_name_already_loaded,ímodule_name_to_be_loaded,ìf□□[fh,ð<'”Ù,μ,Ä,ç
,½,½,ß□Amodule_name_to_be_loaded,ðf□□[fh,·,é,±,Æ,ª,Ä,«,Ü,¹,ñ,Ä,μ,½

□à-¾

f,fWf...□[f<ðŽÀ□Ù,Éf□□[fh,·,é’O,É□ANIOS,Í□A,·,Ä,Éf□□[fh□İ,Ý,ìf,fWf...□[f<,ª□V,μ,çf,fWf...□[f<,ìf□□[fh,ð<-
%oÄ,·,é,©,Ç,κ,©f`fFfbfN,μ,Ü,·□B<-%oÄ,μ,È,ç□é□#□A,»,—□—R,ª•\Ž!,³,é,é,Í,,Ä,·□B

□^’u

ft□[fU,ì□^’u,É,Ä,ç,Ä,Í□A□□[fh□İ,Ý,ìf,fWf...□[f<,ª•Ö,·□à-¾,ð“Ç,ñ,Ä,,¾,³,ç□B□□[fh□İ,Ý,ìf,fWf...
□[f<,ðfA□f“f□□[fh,μ,Ä,©,ç□A□V,μ,çf,fWf...□[f<,ð,à,κ^ê“xf□□[fh,μ,Ä,Ý,Ä,,¾,³,ç□B

-NIOŠ -x- 116: module_name,đfAf“f□□[fh,Å,«,Ü,¹,ñ

□à-¾

•\Ž!³,ê,½f,fWf...□[f<,Í□Af□□[fU,³fAf“f□□[fh,Å,«,È,ç,æ,æ,É□□→,³,ê,Ä,ç,Ü,·□B

□^’u

,±,lf,fWf...□[f<,ÍfAf“f□□[fh,μ,È,ç,Å,,¾,³,ç□B

NIOS -x- 117: module_name, lmodule_name, É, æ, Á, Ä, Ž, g—p't, Å, , é, ½, ß, f, Af“f□□[fh, Å, «, Ü, ¹, ñ

□ à-¾

☉»□Ý•Ê, ìf, fWf...□[f<, aŽg—p, μ, Ä, ç, éf, fWf...□[f<, ÌfAf“f□□[fh, Å, «, Ü, ¹, ñ□B

□ ^'u

•Ê, ìf, fWf...□[f<, ð□æ, ÉfAf“f□□[fh, μ, Ä, , ¾, ³, ç□B, »), Ì, , Æ□A-Ú“l, ìf, fWf...□[f<, ðfAf“f□□[fh, μ, Ä, , ¾, ³, ç□B

NIOS -x- 118: -³CEø,Èf,fWf...[f<fnf“fhf<,²NiosUnload,É“n,³,ê,Ü,μ,½

□à-¾

fVfXfef€API,ðŽg—p,μ,Äf,fWf...[f<,ðfAf“f□□[fh,μ,æ,æ,Æ,μ,ÄŽ,“s,μ,Ü,μ,½□B—v<□,μ,½f,fWf...
□[f<,³f□□[fh,³,ê,Ä,ç,È,ç,©□A‘¶□Y,μ,Ä,ç,Ü,¹,ñ□B

□^’u

f□□[fNfXfe□[fVf†f“,ð□Ä<N“®,μ,Ä,,¾,¾,ç□B

*fmfxf<,ì□æ•W□@**fT□[fhfp□[fefB,ì□æ•W
□Ú□x,ì□æ•W,ðŽQ□Æ,μ,Ä,,¾,¾,ç□B

NIOS -x- 119: ,±,±,Åmodule_name,ÍfAf“f□□[fh,Å,«,Ü,¹,ñ

□à-¾

UNLOADfRf}f“fh,Ü,½,ÍfVfXfef€API,ðŽg—p,μ,Äf,fWf...□[f<,ðfAf“f□□[fh,·,é,Æ,«□ANIOS,Í□AfAf“f□□[fh,ð<-
%oÂ,·,é,©,Ç,æ,©,ð,»),Íf,fWf...□[f<,É-â,ç□‡,í,¹,Ü,·□Bf,fWf...□[f<,ª<-%oÂ,μ,È,©,Á,½□ê□‡□A,±,Íf□fbfZ□[fW,ª·\
Ž,³,ê,Ü,·□B

□^*u

,±,ì□ó‘Ô,Í^èŽŽ“l,È□ê□‡,ª, ,è,Ü,·□BŽŽŠÔ,ð,“,ç,Äf,fWf...□[f<,ðfAf“f□□[fh,μ,Ä,Ý,Ä,,¾,³,ç□B

NIOS -x- 120: f,fWf...[f<refusing_module_name,desired_ module_name,lfAf"f[fh,δ<' "Ū,μ,Ä,ç,½,½,ßAdesired_ module_name,lfAf"f[fh,Ä,«,Ū,¹,ñ

□à-¾

UNLOADfRf}f"f h,Ū,½,lfVfXfef€API,ðŽg—p,μ,Äf,fWf...

□[f<,ðfAf"f[fh,·,é,Æ,«ANIOS,lfVfXfef€fCxf"f g,ð□1□—,μ,Ä□AfAf"f[fh,δ<' "Ū,Ä,«,é,·,x,Ä,ìŠÖ~Af,fWf...

□[f<,É'É'm,μ,Ū,·□Brefusing_module,³UNLOAD—v<□,δ<' "Ū,μ,½—□—R,³□Arefusing_module,lf□fbfZ□fW,É•\ Z,³,é,Ä,ç,é,í,,Ä,·□B

□^'u

refusing_module,ð□æ,ÉfAf"f[fh,μ,Ä,Ý,Ä,,¾,¾,ç□B,»,ì, ,Æ□

Adesired_module,lfAf"f[fh,ð,à,x^ê"xŽŽ,μ,Ä,,¾,¾,ç□B

NIOS -x- 123: f,fWf...[f·name,í1,Ā,lfŠf\lfX,đ³,μ,%đ•ú,μ,Ü,¹,ñ,Ā,μ,½

□à-¾

NIOS,í□A□□[fh□í,Ý,ìŠef,fWf...□[f<,É,æ,éf□□[fNfXfe□[fVf#f“fŠf\lfX,ìŽg—p(f□f,fŠŠ,,,è”-
,Ā,â“~ŠúlfufWfFfNfg,Ē,Ç),đfgf%öbfLf“fO,μ,Ü,·□Bf□□[fh□í,Ý,lf,fWf...□[f<,đfAf“f□□[fh,·,é,Æ,«□A,»,lf,fWf...
□[f<,í□AŽg—p,μ,Ā,ç,½,·,×,Ā,lf□□[fNfXfe□[fVf#f“fŠf\lfX,đ%đ•ú,μ,Ē,·,é,Ī,Ē,è,Ü,¹,ñ□Bf□bfZ□[fW,Ē•\
Ž!,³,è,½f,fWf...□[f<,í□AŽg—p,μ,Ā,ç,½fŠf\lfX,đ%đ•ú,μ,Ü,¹,ñ,Ā,μ,½□B

□^'u

ft□[fU,í□ì<Æ,đ'±□s,Ā,«,é,±,Æ,à, ,è,Ü,·,ª□A□□[fNfXfe□[fVf#f“,ìŠĀ<<ª•s^Ā'è,É,È,Ā,Ā,ç
,Ü,·□Bf□□[fNfXfe□[fVf#f“,đ□Ā<N“@,μ,Ā,,¾,¾,ç□B-â'è,ª^ø,«'±,«“□¶,·,é□é□#,í□A•\Ž!,³,è,½f,fWf...
□[f<,lfxf“f_Ē-â'è“_đ•ñ□□,μ,Ā,,¾,¾,ç□B

NIOS -x- 150: fOftf@fCf<name,đŠJ,,±,Æ,ª,Á,«,Ü,¹,ñ

à-¾

f'fffbfZ[fW,lfO—p,ÉŽw'è,μ,½ftf@fCf<,đŠJ, ,Ü,¹,ñ,Á,μ,½B

^'u

•Ê,lfAfVjŠfP[fVf#f“,ª,»,lftf@fCf<,đŠJ,ç,Ä,ç,È,ç,©A,Ü,½,lftf@fCf<,ì'®«,ª“Ç,Ý“,«%oÂ“\,É,È,Á,Ä,ç
,é,©Šm”F,μ,Á,,¾,¾,çB

NIOS -x- 169: f[]fšfv[]f<,đnumberfofCfg•a'[]%oÁ,·,é,ì,É[]
•a,È<ó,«XMSfnf“fhf<,a, ,è,Û,¹,ñ[]Bf[]f,šf}f[]fWffXMSfnf“fhf<,ì[]”,đ'[]%oÁ,·,é•K—v,a, ,è,Û,·(-á:
DEVICE=HIMEM.SYS /NUMHANDLES=xx)

[]à-¾

NIOS[]Af[]f[]fh[]İ,Ý,İf,fWf...[]f<[]A,» ,ì'¼,İfAfvfšfP[]fVf#f“ ,É,æ,Á,Ä,·, x,Ä,ìXMSf[]f,šf}f[]fWff, aŽg—p,³,ê,Ä,ç
,Û,·[]Bfnf“fhf<,ì—),è,a,É,ç[]é[]#[]AXMSf[]f,šf,đ,» ,ê^È[]ăS,, ,è“- ,Á,é,±,Æ,Í,Ä,« ,Û,¹,ñ[]B

[]^'u

XMSf[]f,šf}f[]fWff, aŽg—p,·,éfnf“fhf<,ì[]”,đ'[] ,â,µ,Ä,,¾,³,ç[]B•û-@,É,Ä,ç,Ä,Í[]AŽg—p,µ,Ä,ç
,é[]f,šf}f[]fWff,İf}f[]f...fAf<,đZQ[]Æ,µ,Ä,,¾,³,ç[]Bfnf“fhf<[]”,đ'[] ,â,¹,É,ç[]é[]# ,ì[]AXMSf[]f,šf,đŽg—
p,·,é'¼,İfAfvfšfP[]fVf#f“ ,đ,ç,,Ä,©[]í[]œ,µ,Ä,,¾,³,ç[]B

NIOS -x- 178: Š,,è“-,Äï,Yf,fŠfuffbfNnumber,lf,fWf...[f·fnf“fhf<Š—LŽÒftfB[f<fh,²-³Ĉø,Å,(modHand,í=number)

□à-¾

f□□[fNfXfe□[fVf†f“,l□f,fŠ,ª”j%ó,³,ê,Ä,ç,é%Å“\□«,ª, ,è,Ü,·□B

□^’u

f□□[fNfXfe□[fVf†f“,đ□Ä<N“®,μ,Ä,,¾,¾,ç□B

NIOS -x- 179: module_name, í-³CEø/•s³, Ü, ½, í, •, Á, É
%øð•ú,³,ê,½f□f,fŠfuf□fbfNnumber,ÅNiosFree,ðCEÄ,Ñ□o,μ,Ü,μ,½

□à-¾

•\Ž|,³,ê,½f,fWf...□[f<,ÉfofO,ª, ,é,©□Af□□[fNfXfe□[fVf†f“,ìf□f,fŠ,ª”j%øó,³,ê,Ä,†,Ü,•□B

□^'u

ft□[fU,í□\<Æ,ð'±□s,Å,<,é,±,Æ,à, ,è,Ü,•,ª□Af□□[fNfXfe□[fVf†f“,ìŠÄ<<,ª•s^À'è,É,È,Á,Ä,†,Ü,•□Bf□□[fNfXfe□[fVf†f“,ð□Ä<N“@,μ,Ä,,¾,¾,¾,†□B

*fmjxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ü□x,í□x•W,ðŽQ□Æ,μ,Ä,,¾,¾,¾,†□B

NIOSWIN -x- 1: fCf“fXfg[]f<, 3,ê,Ä,ç,éNIOS.EXE,ÍNIOSWIN.NLM,ÆCEÝŠ·[]«,,è,Ü,¹,ñ

□à-¾

NIOS.EXEftf@fCf<,ì“à—e,,ª”j%óó,3,ê,Ä,ç,é%oÂ”\[]«,,è,Ü,·□B

□^’u

NetWare* Client*,ì”z•zftf[]fbfs[]fffBfXfN,Ü,½,ÍCD-ROM,©,çNIOS.EXEftf@fCf<,ðfRfs[][,μ,Ä,-
,¾,¾,ç□B,»,ì, ,Æ[]A[]f[]fNfXfe[]fVf†f” ,ð[]Ä<N”® ,μ,Ä,,¾,¾,ç□B

*fmfxf<,ì[]x•W[]@**fT[]fhfp[]fB,ì[]x•W

□Ú[]x,ì[]x•W,ðZQ[]Æ,μ,Ä,,¾,¾,ç□B

NIOSWIN -x- 2: Windows—L,lfvfff...[fTfCxf“fg,đ“o~^,.,é,ì,É\•a,È<ó,«f,f,š,a, ,è,Ü,¹,ñ

à-¾

f[fNfXfe[fVf+f“,lf,f,š,è<É‘[.É,È,çê#AWindows** 3.x,ì%Šú%»ftfF[fY,Å,±,lfGf%o[.a”¶,.,é,±,Æ,è,Ü,·B

^’u

Žg—p,Å,«éXMSf,f,š,đ‘,â,μ,Ä,,¾,¾,çBf[fNfXfe[fVf+f“,lf,f,š,ÉŠÖ,.,é-â‘è,ì%đCE^•û-@,đŽQÆ,μ,Ä,-¾,¾,çB

*fmjxf<,ì•W@**fT[fhfp[fefB,ì•W
Úx,ì•W,đŽQÆ,μ,Ä,,¾,¾,çB

NIOSWIN -x- 4: NIOS Windows, ì%Šú%»Žž, ÉWindowsfZf}ftfH, ði¬, μ, æ, π, Æ, μ, Ü, μ, ½, ºAZ, "s, μ, Ü, μ, ½

à-¾

fNfXfe[fVfj", ìf, fš, ºÉ'[. É, È, çê#AWindows** 3.x, ì%Šú%»ftfF[fY, Å, ±, ìfGf%[,"[., é, ±, Æ, º, è, Ü, ·B

^'u

Žg—p, Å, «, éXMSf, fš, ð', â, μ, Ä,, ¾, ¾, çBfNfXfe[fVfj", ìf, fš, ÉŠÖ, ·, é-â'è, ì%ðCE^·û-@, ðŽQÆ, μ, Ä, -, ¾, ¾, çB

*fmjxf<, ì%·W@**fT[fhfp[fefB, ì%·W
Üx, ì%·W, ðŽQÆ, μ, Ä,, ¾, ¾, çB

**NIOSWIN -x- 5: NIOS Windows, ĩ%Šú%»Žž,ÉIRQInterrupt_number,đftfbfN,μ,æ,κ
,Æ,μ,Ü,μ,½,ªAŽ, "s,μ,Ü,μ,½**

à-¾

Windows**, ĩ%Šú%»Žž,Éf{fh,³,ê,½fn{fhfEjFfAfffofCfXfhf%ofCfo,ªAflfbfjgf{fh,ªŽg—p,μ,Ä,ç
,éIRQ(fn{fhfEjFfAŠ,,èž,Ý),đ—v<μ,Ü,μ,½B

^*u

flfbfjgf{fh,ªŽg—p,·,éIRQ,đ•ĩX,·,é,©AÖ“È,·,éfffofCfX,ªŽg—p,·,éIRQ,đ•ĩX,μ,Ä,Ý,Ä,-
,¾,³,çBflfbfjgf{fh,Ü,½,İÖ“È,·,éfffofCfX,ªŽg—p,·,éIRQ,İf’f,É,İAMS-
DOS,İMSD.EXEft{fefBfŠfefB,đ—~—p,Ä,«,Ü,·B

*fmfxf<, ĩ•W@**fT{fhfp{fefB, ĩ•W
Üx, ĩ•W,đZQÆ,μ,Ä,¾,³,çB

NIOSWIN -x- 6: NIOS Windows, i%Šú
%»Žž,ÉĚÝŠ·«,ì,È,čVPICD.386,ìfo[fWf†f“,³ĚŸo,³,é,Ü,μ,½

à-¾

,±,ìfGf%«[,íANIOS.EXE,ÆĚÝŠ·«,ì,È,čWindows** 3.x,ìfo[fWf†f“,ðf[fh,·,é,Æ”¶,·,é,±,Æ,ª, ,è,Ü,·B

*fmfxf<,ìx•W@**fT[fhfp[fefB,ìx•W
Úx,ìx•W,ðŽQÆ,μ,Ä,,¾,¾,čB

NIOSWINfbfZfw

NIOSWIN -x- 1: fCf"fxfg[f<,³,è,Ä,ç,éNIOS.EXE,ÍNIOSWIN.NLM,ÆĈÝŠ·□«,ª, ,è,Ü,¹,ñ

NIOSWIN -x- 2: WindowsĈĀ—L,ìfvf□fff...□[ftfCfxf"fg,ð"o~^,;,é,ì,É□•ª,Ĉ<ó,«f□f,fŠ,ª, ,è,Ü,¹,ñ

NIOSWIN -x- 4: NIOS Windows,ì□%Šú%»Žž,ÉWindowsfZf}ftfH,ðì□¬,μ,æ,π,Æ,μ,Ü,μ,½,ª□AŽ, "s,μ,Ü,μ,½

NIOSWIN -x- 5: NIOS Windows,ì□%Šú%»Žž,ÉIRQInterrupt_number,ðftfbfN,μ,æ,π,Æ,μ,Ü,μ,½,ª□AŽ, "s,μ,Ü,μ,½

NIOSWIN -x- 6: NIOS Windows,ì□%Šú%»Žž,ÉĈÝŠ·□«,ì,È,çVPICD.386,ìfo□[fvf#f" ,ªĈÝ□o,³,è,Ü,μ,½

NetWarefNfjff<fTf|<[fgflfvVf+f“

—p^Ó,³,ê,Ä,ç,éNetWarefNfjff<fTf|<[fgflfvVf+f“,É,Â,ç,Ä,ìÚ×,íA“KØ,ÈNetWare* Client*
32*fwf<fvftf@fCf<AWindows** 95**ADOS/Windows,ðŽQÆ,μ,Ä,,³/₄,³,çB

*fmfxf<,ì×•W@**fT<[fhfp<[fefB,ì×•W
Ú×,í×•W,ðŽQÆ,μ,Ä,,³/₄,³,çB

f[]fbfZ[]fW,ÉŠÖ~A,μ,½[]î•ñ,ìCEÏ[]õ•û-@

“Á*è,ìf[]fbfZ[]fW,ÉŠÖ~A,μ,½[]î•ñ,ð'T,.,É,í[]AZÏ,ì2,Â,ì•û-@,ª, ,è,Û,·[]B

1. []mCEÏ[]õ[]n,ðŽg—p,μ,Ä[]AfgfsfbfN“à,ìf[]fbfZ[]fW•¶Žš—ñ,ðCEÏ[]õ,μ,Ä,,¾,¾,ç[]B
ftf@fCf<-¼[]ASÖ[]”-¼[]Aftf@fCf<fpfX[]Afo[]fWf+“ ,È,Ç,ì%°Á•ì[]î•ñ,í[]A,±,ìf}fjf...
fAf<,Á,ìfile_name,È,Ç,ì,æ,æ,ÉfCf^fSfbfN'ì,Á•\,μ,Ä,ç,Û,·[]B

,½,Æ,ì,í[]A[]uNIOS-020-001:f[]fbfZ[]fWftf@fCf<NIOS.MSG,í-³CEø,Á,·[]Bfvf[]fOf%of€
,ìfR[]fh,í+Z~³,è,Û,μ,½[]v,Æ,ç,æf[]fbfZ[]fW,í[]A[]uNIOS-x-001: f[]fbfZ[]fWftf@fCf<file_name,ì-
³CEø,Á,·[]Bfvf[]fOf%of€,ìfR[]fh,í+Z~³,è,Û,μ,½[]v,Æ•\Ž,³,è,Û,·[]B

2. f,fWf...[]f<-¼,Æ[]d•;μ,È,çŽ•É-¼,ðŽg—p,μ,Ä[]A[]fbfZ[]fW•¶Žš—ñ,ðCEÏ[]õ,μ,Ä,,¾,¾,ç[]Bf,fWf...
[]f<,É,Á,ç,Ä,í[]AModule Names,ÉfAf<ftf@fxfbfg[]#,ìfSfXfg,ª, ,è,Û,·[]BSef,fWf...[]f<,É,í[]A,»,ìf,fWf...
[]f<,ìf[]fbfZ[]fW,ª, ,è,Û,·[]Bf[]fbfZ[]fW,í[]A[]%°,ß,É”Ö[]+[]#[]AZÏ,ÉfAf<ftf@fxfbfg[]#,É•Á,ñ,Á,ç,Û,·[]B

,±,lfwf·fvftf@fCf<,l"à—e

,±,lfVfXfef€f▯fbfZ▯[fWfwf<fv,É,í▯ANetWare* Client* 32* for Windows** 95**f\ftfgfEjFfA,lf,fWf...
▯[f<,ª▯▯▯▯▯,·,é▯▯fbfZ▯[fW,¾,▯,ð<L▯Ú,µ,Ä, ,è,Ü,·▯B

,±,lfwf<fvftf@fCf<,í▯A▯f'f,Ü,½,lfgf%ofuf<fvf...▯[fefBf"fo,lfKfCfh,Æ,µ,ÄŽg—p,·,é,ì,Ä,í,È,▯AfGf
%o▯[,ì▯ó'Ó,Æ▯A,»è,ç,lfGf%o▯[,É'í,·,é▯^'u,ð▯à-¾,µ,½fŠftf@fCef"fx,Æ,µ,ÄŽg—p,µ,Ä,,¾,³,ç▯BCEoCE±,ì, ,éN
etWareft▯[fU,ð'í▯Ú,É<L▯q,µ,Ä, ,è,Ü,·▯B

,±,lftf@fCf<,Ä,í▯AfGf%o▯[,ì"▯▯CE'ö,Æ%oðCE^•û-@,ð—▯%oð,·,é,ì,É'Ç%oÁ▯î•ñ,ª•K—
v,Éf▯fbfZ▯[fW,¾,▯,ðŽ!,µ,Ä, ,è,Ü,·▯B—▯%oð,·,é,½,ß,ì▯î•ñ,ªŠÜ,Ü,è,Ä,ç,é▯fbfZ▯[fW,É,Ä,ç,Ä,í▯A,±
,lftf@fCf<,Ä,í▯à-¾,µ,Ä,ç,Ü,¹,ñ▯B,±,lftf@fCf<,í▯A,±,lf\ftfgfEjFfA,ª▯▯▯▯▯,·,é,·,×,Ä,lf▯fbfZ▯[fW,ðŽ!,µ,½,à,ì,Ä,í,
,è,Ü,¹,ñ▯B

fŠfXfg,É, ,éŠef▯fbfZ▯[fW,É,í▯AZÿ,ì,κ,¿1,Ä▯A,Ü,½,í—¼•û,ì▯î•ñ,ª<L,³,è,Ä,ç,Ü,·▯B

- ▯à-¾:▯@,±,ì"•ª,É,í▯Af▯fbfZ▯[fW,ª•\Ž!,³,è,½CE'ö,ðŽ!,µ,Ü,·▯B
- ▯^'u:▯@,±,ì"•ª,É,í▯Af▯fbfZ▯[fW,ÉŽ!,³,è,½-à-è,ð%oðCE^,·,é,½,ß,ì•û-@,ðŽ!,µ,Ü,·▯B

*fmfxf<,ì▯κ•W▯@**fT▯[fhfp▯[fefB,ì▯κ•W
▯Ú▯×,í▯κ•W,ðZQ▯Æ,µ,Ä,,¾,³,ç▯B

NetWareVfXfef€f[]fbfZ[]fW,Æ,í[]H

NetWare*fVfXfef€f[]fbfZ[]fW,Æ,í[]Af[]fbfgf[]fLf“fOf\ftfgfEjFfA,ìNetWare,a•\
Ž!,·,éf[]fbfZ[]fW,Å,·[]BNetWareVfXfef€f[]fbfZ[]fW,É,í[]AZÿ,ì3Ží—b,a, ,è,Ü,·[]B

- fGf%oo[]I
- Ex[]
- fXfe[]f^fX

NetWareVfXfef€f[]fbfZ[]fW,É,í[]AZÿ,ì^è•”,Ü,½,í,·,x,Ä,a•\Ž!,³,è,Ü,·[]B

- f[]fXf,fWf...[]f<-¼
- fo[]fWf#f“,Ü,½,ífvf%oofbfgftfH[]f€Žw’è
- []d•i,µ,È,çŽ^•Ê-¼
- f[]fbfZ[]fW•¶Žš—ñ
- fGf%oo[]fR[]fh

NIOS,ì“TCE^“i,Èf[]fbfZ[]fW,í[]AZÿ,ì,æ,x,É•\Ž!,³,è,Ü,·[]B

NIOS-020-001: f[]fbfZ[]fWftf@fCf<NIOS.MSG,í-³CEø,Å,·[]Bfvf[]fOf%oof€,ìf[]fh,í’tŽ~,³,è,Ü,µ,½

“Á’è,ìfOf<[]fv,ìf[]fbfZ[]fW,í[]ACE`Ž®,a[],µ^Ü,È,è,Ü,·[]B,½,Æ,ì,í[]ALANfhf
%oofCfo,ìf[]fbfZ[]fW,É,í[]Afo[]fWf#f“”Ô[]+,ì’ä,í,è,Éfvf%oofbfgftfH[]f€Žw’è,a•\Ž!,³,è,Ü,·[]B

CNE2000-DOS-001: LSL,íf[]fh,³,è,Ü,¹,ñ,Å,µ,½[]B

*fmfxf<,ì[]x•W[]@**fT[]fhfp[]fjefB,ì[]x•W
[]Ü[]x,í[]x•W,ðŽQ[]Æ,µ,Ä,,¾,¾,ç[]B

f[]fNfXfe[]fVf#f", ìf[]f, fŠ, ÉŠÖ, ., é-â-è, ì%øðCE^•û-@

DOS/Windows**f[]fNfXfe[]fVf#f", ìê[]#

fRf"fxf"fVf#fjif<f[]f, fŠ, ì<ó, «-ì^æ, ð'[]â, ., É, ì[]AŽŸ, ì, ±, Æ, ðŽÀ[]s, μ, Ä,, ¾, ¾, ç[]B

- •s-v, ÈfAfvfŠfP[]fVf#f", ð•Ä, ¶, Ä,, ¾, ¾, ç[]B
- •s-v, ÈTSR(f[]f, fŠ[]í""CE^)fvf[]fOf%øf€, ðfAf"f[]f[h, μ, Ä,, ¾, ¾, ç(DOS/Windows, ì, Ý)[]B
- fffofCfXfhf%øfCfo, âTSRfvf[]fOf%øf€, ð[]AXMS[]AEMS[]AfnfCf[]f, fŠ, Èf[]f[h, μ, Ä,, ¾, ¾, ç(DOS/Windows, ì, Ý)[]B
- f[]fNfXfe[]fVf#f", ìŠÀ<<, ð[]C[]³, μ, Ä[]A"-Žž, ÉŠJ, -, éftf@fCf<[]"[]AfffBfXfNfhf%øfCfo, ÉŠ,, è"-, Ä, éfofbftf@[]"[]ADOSSÀ<<-p, ÈfvfFf<, ðŠ,, è"-, Ä, éf[]f, fŠfTfCfY, ðCE, ., ç, μ, Ä,, ¾, ¾, ç[]B
- f[]fNfXfe[]fVf#f", ìf[]f, fŠ, ð'[]Y, μ, Ä,, ¾, ¾, ç[]B

Žg-p, Ä, «, éXMSf[]f, fŠ, ì-È, ð'[]â, ., É, ì[]AŽŸ, ì, ±, Æ, ðŽÀ[]s, μ, Ä,, ¾, ¾, ç[]B

- %øÄ" \, Ä, , è, ì[]Af[]f, fŠf[]}f[]f[Wff, ìŠÀ<<[]Ý'èfvf[]fOf%øf€, ðŽg-p, μ, Äf[]fNfXfe[]fVf#f", Ä, ìf[]f, fŠ, ìŽg-p-@, ð[]Ý'è, μ'¾, μ, Ä,, ¾, ¾, ç[]B
- XMSf[]f, fŠ, ðŽg-p, ., é•s-v, Èfvf[]fOf%øf€, Ü, ½, Ìf, fWf...[]f<, ð[]øe, μ, Ä,, ¾, ¾, ç[]B
- "Á-è, ìfvf[]fOf%øf€, ðŽg-p, ., éXMSf[]f, fŠ, ì-È, ðCE, ., ç, μ, Ä,, ¾, ¾, ç[]B
- EMSf[]f, fŠ, Ö, ìŠ,, è"-, Ä, ðCE, ., ç, μ, Ä,, ¾, ¾, ç[]B
- XMSf[]f, fŠ, ðŽg-p, ., é•s-v, ÈNLMfvf[]fOf%øf€, ðfAf"f[]f[h, μ, Ä,, ¾, ¾, ç[]B
- NetWare* Client* 32*, ìf[]fbf[]f[]fNfLfff[]fVf... ìfTfCfY, ðCE, ., ç, μ, Ä,, ¾, ¾, ç[]B Max Cache Size[]Ý'è, ð'²[]®, μ, Ä,, ¾, ¾, ç[]B, ±, ì[]Ý'è, ì'²[]®, É, Ä, ç, Ä, ì[]ANetWare Client 32f[]fwf<fvftf@fCf<, ðŽQ[]Æ, μ, Ä,, ¾, ¾, ç[]B
- f[]f[]f[]f[]f[]f[]f[]f[]f[]f[]f[]f... (SMARTDRV.EXE, È, Ç), ìfTfCfY, ðCE, ., ç, μ, Ä,, ¾, ¾, ç[]B
- f[]fNfXfe[]fVf#f", ìf[]f, fŠ, ð'[]Y, μ, Ä,, ¾, ¾, ç[]B

Windows 95f[]fNfXfe[]fVf#f", ìê[]#

DOS/Windows, ì, Ý, ÆŽw'è, μ, ½[]€-Ü^ÉŠÖ, ì[]ADOS/Windows, Ä, ì•û-@, ðŽg-p, Ä, «, Ü, .[]B, ½, ¾, μ[]AWindows 95, ìf[]f, fŠŠÇ-[], ì^È'O, ìfo[]fWf#f", ìWindows, Æ, ì^Ü, È, Ä, Ä, ç, Ü, .[]B, Ü, .[]AWindows 95, ìfwf<fv, È<L, ¾, è, Ä, ç, é•û-@, È[], ç[]A, », è, ©, ç[]A, ±, ìfgfsfbfN, ì•û-@, ðŽg-p, μ, Ä,, ¾, ¾, ç[]B

*f[]mfxf<, ì[]x•W[]@**fT[]f[]hfp[]f[]efB, ì[]x•W
[]Ü[]x, ì[]x•W, ðŽQ[]Æ, μ, Ä,, ¾, ¾, ç[]B



fVfXfef€f[]fbfZ[]fW

ŠT—v

NetWare*fVfXfef€f[]fbfZ[]fW,Æ,Í[]H
,±,ìfwf<fvftf@fCf<,ì“à—e
f[]fbfZ[]fW,ÉŠÖ~A,μ,½[]î•ñ,ìŒÿ[]ö•û-@

f,fWf...[]f<-¼

- ABEND
- CLIENT32
- IPX
- NIOS
- NIOSWIN
- VMLID

*fmfxf<,ì[]æ•W[]@**fT[]fhfp[]fB,ì[]æ•W
[]Ú[]x,ì[]æ•W,ðZQ[]Æ,μ,Ä,,¾,¾,ç[]B

•W

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•Novell, Inc.,

- Client 32, Novell, Inc.,
- GroupWise, Novell, Inc.,
- IPX, Novell, Inc.,
- IPX/SPX, Novell, Inc.,
- LANalyzer, Novell, Inc.,
- Link Support Layer, Novell, Inc.,
- ManageWise, Novell, Inc.,
- NE2000, Novell, Inc.,
- NetWare, Novell, Inc.,
- NetWare 3, Novell, Inc.,
- NetWare 4, Novell, Inc.,
- NetWare Client, Novell, Inc.,
- NetWare Core Protocol, Novell, Inc.,
- NetWare Directory Services, Novell, Inc.,
- NetWare DOS Requester, Novell, Inc.,
- NetWare/IP, Novell, Inc.,
- NetWare Loadable Module, Novell, Inc.,
- NetWare Management System, Novell, Inc.,
- NetWire, Novell, Inc.,
- Network Support Encyclopedia Professional Volume, Novell, Inc.,
- Novell, Novell, Inc.,
- Novell Application Notes, Novell, Inc.,
- Novell Authorized Reseller, Novell, Inc.,
- Novell Gold Partner, Novell, Inc.,
- Novell Labs, Novell, Inc.,
- Novell Network Symbol, Novell, Inc.,
- Novell Platinum Partner, Novell, Inc.,
- Novell Technical Services, Novell, Inc.,
- Open Data-Link Interface, Novell, Inc.,
- Packet Burst, Novell, Inc.,
- SPX, Novell, Inc.,
- Storage Management Services, Novell, Inc.,
- Virtual Loadable Module, Novell, Inc.,

f[hfp]fB,

- CompuServe, CompuServe, Inc.,
- Hewlett Packard, Hewlett-Packard Company,
- IBM, International Business Machines Corporation,
- Intel, Intel Corporation,
- Microsoft, Microsoft Corporation,

MS, íAMicrosoft Corporation, ì“o~^□¤•W, Å, ·□B
MS-DOS, íAMicrosoft Corporation, ì“o~^□¤•W, Å, ·□B
Netscape, íA Netscape Communications Corporation, ì□¤•W, Å, ·□B
Netscape Navigator, íA Netscape Communications Corporation, ì□¤•W, Å, ·□B
Network Driver Interface Specification, ÿ, æ, ÑNDIS, íAPC-Plus Communications LP, ì□¤•W, Å, ·□B
OS/2, íAInternational Business Machines Corporation, ì“o~^□¤•W, Å, ·□B
PostScript, íAAdobe Systems Incorporated, ì“o~^□¤•W, Å, ·□B
Unicode, íA Transoft Ltd., ì“o~^□¤•W, Å, ·□B
Windows, íAMicrosoft Corporation, ì“o~^□¤•W, Å, ·□B
Windows 95, íAMicrosoft Corporation, ì□¤•W, Å, ·□B
Windows NT, íAMicrosoft Corporation, ì□¤•W, Å, ·□B

VMLIDf[]fbfZ[]fW

VMLID: NDIS is not loaded, cannot register VMLID.

VMLID: Received Packet at Interrupt Time

VMLID: VMLID Failed initializing NDIS Protocol Stack: Error *NDIS_internal_error_code*

VMLID: VMLID has not received a ProtocolBindAdapter callback from NDIS.

VMLID: NDIS is not loaded, cannot register VMLID.

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v,ª, ,è,Ü,·□BNDIS VxD,ªf□□[fh,³,ê,Ä,ç,È,ç□ê□#□AŠÄ<□Ý'è,É-â'è,ª, ,é%oÄ"□<,ª, ,è,Ü,·□B

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*fmfxf<,ì□¤•W□@**fT□[fhfp□[fefB,ì□¤•W
□U□x,ì□¤•W,ðZQ□Æ,μ,Ä,,¾,¾,ç□B

VMLID: Received Packet at Interrupt Time

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*fmfxf<,ì□¤•W□@**fT□[fhfp□[fefB,ì□¤•W
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VMLID: VMLID Failed initializing NDIS Protocol Stack: Error *NDIS_internal_error_code*

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*fmfxf<,ì□x•W□@**fT□[fhfp□[fefB,ì□x•W
□Ú□x,ì□x•W,ðZQ□Æ,μ,Ä,,¾,¾,¾,ç□B

VMLID: VMLID has not received a ProtocolBindAdapter callback from NDIS.

□à-¾

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B,Û,½,í□AfçfWfXfgfŠ,É-â'è,ª, ,è□Aflfbfgf□□[fNfAf_fvf^,ì—L-³,ðVMLID,É'É'm,μ,È,¯,è,ì,È,ç,É,ç,±
,Æ,ðNDIS,ª"FŽ¯,μ,Å,ç,È,ç,Æ□|,!,ç,è,Û,·□B

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Support Module□n,Æ,ç,²,Ä,ì□€-Û,ª•\Ž|,³,è,Ä,ç,é,©Šm"F,μ,Ä,,¾,³,ç□B

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