

Dialer Connection File Format (v1.0)

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[Dial-In Configuration]

Description=Connection Name

Name of the connection. The handling and identification of the connection is based on this name, not the actual filename of the connection file.

UseCountryAndAreaCodes=Yes

If yes, use the area code. If no, use the phone number entered by the user with no prepending of area codes or country codes.

CountryId=0

This is country ID.

CountryCode=0

This is the international country code for the specific country you are dialing.

AreaCode=206

Telephone area code.

LocalPhoneNumber=8828080

Local phone number without area codes, long distance access codes, etc. This is whatever the user enters into the "Telephone Number" control on the General Page. If UseCountryAndAreaCodes=Yes, area code, call waiting disable, and dialtone access codes will be prepended to this string. If UseCountryAndAreaCodes=No, this will be the dialable string with no modifications or additions.

Phone=

Phone number

DeviceType=

Identify the media used for connection, i.e. ISDN, x25, modem.

Modem=Sportster 28800

Name of the modem. This is used as a section name to get information on the modem settings from **MODEMS.INI** and to set port and BPS rate information for the modem in SHIVAPP.INI.

Name=user

User name.

Domain=

Name of the ISP domain.

Password=CBCEBOCNCLCN@I

Encrypted password.

[IP]

UseSpecificIpAddr=No

If yes, use a static IP address.

SpecificNameServers=No

This determines whether the dial-in session uses the DnsAddress in the [IP] section or a DNS that is supplied by the remote access server.

SpecificIPAddress=0.0.0.0

IpAddress=0.0.0.0

Both **SpecificIPAddress** and **IpAddress** have to be set to the static IP address for it to work and be preserved between invocations of the dialer. I think **IpAddress** is the thing the Shiva DLL actually uses, but if the connection file is written to and **SpecificIpAddress** is set to zero, **IpAddress** will be set to zero also.

DnsAddress=111.111.111.111

This is the primary DNS address.

DnsAddress2=222.222.222.222

This is the secondary DNS address.

IpAddressWins=0.0.0.0

This is the primary WINS address.

IpAddressWinsAlt=0.0.0.0

This is the alternative WINS address.

Enabled=Yes

This has to be set to **Yes** for the browsing to work.

[Options]

EnableVJCompression=No

This determines whether attempts to negotiate Van Jacobson Header compression on the dial-in session. VJ Header compression is described in RFC 1144.

RemoteDefaultGateway=No

If this flag is set, then the default route for IP packets will be through the dialer when the connection is active. If this flag is clear, the default route will not be modified.

DisableLcpExtensions=No

If set, the PPP LCP extensions defined in RFC 1570 are disabled. This may be necessary to connect to certain older PPP implementations, but interferes with features such as server-callback. This flag should be cleared unless specifically required

Compression=No

This determines whether dialer will attempt to negotiate CCP on the session. This would only work on servers that support this feature. This is not the same compression as MNP 5 or v.42bis, which are performed by the modem hardware.

PromoteAlternates=No

When set, alternate phone numbers that connect successfully are automatically promoted to primary phone number, bumping the current primary phone number down into the alternate list.

DialBackNumber=

This field contains the phone number that would be supplied to the remote access server for a roaming dial-back session. This is only supported with a Shiva Remote Access server.

[Security]**TerminalBeforeDial=No**

This option will launch the TTY terminal window as soon as the user clicks on the connect button. The window appears prior to dialing the telephone number.

SecurityDevice=No

If **Yes**, this will launch a terminal window after connecting to allow for the ISP to get user name and password information directly.

RequireEncryptedPassword=No

Setting this flag means that only secure password schemes can be used to authenticate the client with the server. This prevents the PPP driver from using the PAP plain-text authentication protocol to authenticate the client. CHAP, and SPAP authentication protocols are also supported. The flag should be cleared for increased interoperability and should be set for increased security.

RequireMsEncryptedPassword=No

Setting this flag means that only Microsoft secure password schemes can be used to authenticate the client with the server. This prevents the PPP driver from using the PPP plain-text authentication protocol or MD5-CHAP, MS-CHAP or SPAP. The flag should be cleared for maximum interoperability and should be set for maximum security.

RequireDataEncryption=No

Setting this flag means data encryption must be negotiated successfully or the connection should be dropped.

NetworkLogon=No

Setting this flag instructs the dialer to log on to the network after the point to point connection is established.

UseLogonCredentials=No

Setting this flag causes the username, password, and domain of the currently logged on user to be used when dialing this entry.

SecurityEcho=No

This will cause the characters typed by the user into TTY terminal window to be echoed.

[Modem Picture]**Enabled=No**

This will bring up a small window that simulates the front panel of an external modem. It will simulate the LED's for CD, OH, SD, and RD.

[Framing]**FrameSize=0**

This specifies that size of the frame.

FramingProtocol=PPP

Specifies the framing protocol used by the server. PPP is the emerging standard.

[NetBEUI]**Enabled=No**

This determines whether the dialer should try to negotiate Netbeui over the dialin session.

[IPX]**Enabled=No**

This determines whether the dialer should try to negotiate IPX over the dial session.

[Script]

ScriptFileName=

If a filename is specified here and **ScriptEnabled=Yes**, the script contained in this file will be executed after connecting.

ScriptEnabled=No

If **Yes**, execute the script file, if **No**, don't execute the script file.

ScriptTerminal=No

If **Yes**, display a terminal window to allow the user to view the playback. If **No**, do not display a terminal window, so the script is played "silently."

ScriptRecord=No

If **Yes**, the scripter executes in record mode. If **No**, the scripter executes in playback mode.

[AutoDial]**Dll=**

A null-terminated string containing the filename of the Dynamic-Linked Library for the customized auto-dial handler. The filename should be a full pathname. If the field contains an empty string, the default dialing User Interface is used and the szAutodialFunc field is ignored.

Func=

A null-terminated string containing the exported name of the function for the customized auto-dial handler.

[X25]**PadType=**

Set this field to unless the entry should dial through an X.25 PAD. The field identifies the X.25 PAD type.

Address=

Set this field to unless the entry should dial using an X.25 PAD or native X.25 device. The field identifies the X.25 address to which you wish to connect.

Facilities=

The field specifies facilities you wish to request from your X.25 host at connection. This field is ignored unless szX25Address is filled.

UserData=

The field specifies additional connection information supplied to the X.25 host at connection. This field is ignored unless szX25Address is filled.

[Multilink]**Channels=0**

This field indicates the number of B-channels to aggregate for this connection. The field is ignored unless a device type of ISDN is specified. A typical value is 2.

[IEDial]**StartExplorer=Yes**

If **Yes**, automatically start IExplorer when connection has been established to the ISP (the password has been authorized and the user has been logged in). If **No**, don't start IExplorer.

MinimizeConnectWindow=Yes

If **Yes**, minimize the connection window when connection has been established to the ISP (the password has been authorized and the user has been logged in). If **No**, don't minimize the connection window.

AutoConnect=No

If **Yes**, automatically launch the dialer with the default connection file when trying to load a non-local resource and the dialer is not connected. If **No**, don't launch the dialer. The default connection file is selected in the dialer General property page, and is stored in **IEDIAL.INI** (which is usually in the Windows directory) under **[Default] DefaultConnectionFile=**, and where the file is specified using the connection name specified by **[Dial-In Configuration] Description=** inside the connection file (see above), not the name of the connection file on the disk.

DisconnectIfIdle=Yes

If **Yes**, disconnect after **DisconnectTime** minutes of connect time with no activity. If **No**, don't disconnect on idle.

DisconnectTime=20

Number of minutes of minutes of connect time with no activity before automatically disconnecting.