



EnterpriseLink can be installed on the new minimal kernel edition of Windows Server 2008. Called Server Core, this version of Windows Server 2008, comes without any traditional Windows GUI components. You can install EnterpriseLink Integration Server on this system.

With only command-line access to installation and configuration tools it is easiest to install EnterpriseLink first on a *Server Full* and fully configure it. Follow the guidelines in previous article entitled **How do you install EnterpriseLink On Windows Server2008?** featured in the [June issue of Customer Care In Focus](#). Then copy files and IIS configuration to the *Server Core* edition. Use the save DVD installation for both *Full* and *Core* installation as IIS configuration is continually being updated.

Install Windows Server Core

Use the Windows Server 2008 Enterprise Edition DVD installation. Select Core Installation (as opposed to Full Installation).

Installing IIS7 On Windows Server Core

Install IIS 7 on Windows Server Core by executing the following on the command prompt window of Server Core. The following lines must be combined into a single line without spaces:

```
start /w pkgmgr /iu:IIS-WebServerRole;IIS-WebServer;IIS-CommonHttpFeatures;IIS-StaticContent;IIS-DefaultDocument;IIS-DirectoryBrowsing;IIS-HttpErrors;IIS-ApplicationDevelopment;IIS-CGI;IIS-ISAPIExtensions;IIS-ISAPIFilter;IIS-HealthAndDiagnostics;IIS-HttpLogging;IIS-LoggingLibraries;IIS-RequestMonitor;IIS-ODBCLogging;IIS-Security;IIS-BasicAuthentication;IIS-WindowsAuthentication;IIS-RequestFiltering;IIS-Performance;IIS-HttpCompressionStatic;IIS-WebServerManagementTools;IIS-ManagementScriptingTools;IIS-IIS6ManagementCompatibility;IIS-Metabase;IIS-WMICompatibility;IIS-LegacyScripts;IIS-FTPPublishingService;IIS-FTPService;WAS-WindowsActivationService;WAS-ProcessModel
```

This represents the *full installation* of IIS7 minus a few features not required for EnterpriseLink.

Installing EnterpriseLink on Windows Server Core

Use the EnterpriseLink Installation CD-ROM, or EnterpriseLink Installation Download to install on Windows Server Core. You will have to change directory to the CD drive and enter autorun.exe from the command line to begin installation. Install any additional Web Syncs (Service Packs) or Hot Fixes by running their executable from the command line. Although the traditional Windows GUI is not included on Server Core, GUI applications such as the EnterpriseLink installer will run and display dialog boxes on the Server Core desktop.

To simplify IIS configuration, EnterpriseLink Server will run under the default IIS login ID. The IIS Windows ID must have access to certain parts of the registry and to certain EnterpriseLink directories. Use the regedit command from the command line to bring up the Registry Editor GUI tool. Change the permissions on the following keys to allow Everyone *Full Control*:

- HKEY_LOCAL_MACHINE\Software\EnterpriseLink
- HKEY_LOCAL_MACHINE\Software\ODBC

Use the following commands to change the file permissions of important files and directories:

```
cacls c:\MicroFocus\EnterpriseLink\databases /G Everyone:F
```

```
cacls c:\MicroFocus\EnterpriseLink\databases\ELRepository.mdb /G Everyone:F
cacls c:\MicroFocus\EnterpriseLink\databases\ELRepository.ldb /G Everyone:F
cacls c:\MicroFocus\EnterpriseLink\logs /G Everyone:F
```

Configure EnterpriseLink on Windows Server Core

Configure EnterpriseLink through the Administrators Site web interface.

Configure IIS on Windows Server Core

The Management GUI is not included on the Server Core environment. As noted in previous article entitled **How do you install EnterpriseLink On Windows Server2008?** featured in the [June issue of Customer Care In Focus](#); ISAPI and CGI applications must be allowed to run. EnterpriseLink installation does not turn this on by default. You must change the configuration file using Notepad. The configuration file is in \system32\inetsrv\config\applicationHost.config.

Backup the IIS configuration before modifying this file:

```
%windir%\system32\inetsrv\appcmd.exe add backup "EL"
```

Use the following command to edit the configuration file:

```
notepad.exe %windir%\system32\inetsrv\config\applicationHost.config
```

Replace the line in the file:

```
<IsapiCgiRestriction />
```

with the line:

```
<IsapiCgiRestriction notListedIsapisAllowed="true" notListedCgisAllowed="true" />
```

Configure EnterpriseLink Repository

The EnterpriseLink Repository under Windows Server 2008 Core can be any of the databases supported by Server Core. However we have discovered problems with Microsoft Access Database under Core Edition when executing queries that consist of 3 or more tables. An *Internal Error* on the JET Engine is generated. EnterpriseLink uses complex queries on many database accesses. This problem has not yet been reported to Microsoft, nor addressed in the Server Core. Microsoft SQL Server 2008 requires Internet Explorer to be installed and IE is not supported under Server Core. Therefore the best EnterpriseLink Repository for Microsoft Windows Server 2008 Core may well be MySQL 5.0, which can be installed and run from a command-line under Server Core.