Installation Guide

EventLogCentral
Abstract

The purpose of this document is to help users install EventLogCentral (ELC) on the same server where EventTracker™ is installed, and to verify the expected functionality of all its components.
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Introduction

Thank you for choosing EventLogCentral (ELC) an optional add-in component of EventTracker™. ELC is a secure Web-based user interface to manage event log data collected by EventTracker™. The server side is based on IIS 5.0 and above, and ASP.NET (.NET Framework 2.0).

This is a good time to familiarize with various features of ELC. This installation guide is designed as an easy reference for error free, and painless installation experience.

Follow the pre-installation and post-installation instructions. Missing any of these settings/steps might lead to incomplete or corrupt installation.
System Requirements

Following are the hardware and software requirements to host and for optimal performance of ELC.

Hardware Requirement [Min. Configuration]

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<tbody>
<tr>
<td>CPU</td>
<td>3 GHz+</td>
</tr>
<tr>
<td>RAM</td>
<td>2 GB+</td>
</tr>
<tr>
<td>HDD</td>
<td>10 GB+</td>
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</table>

Like most computer systems, "more is better," and you will definitely get a better .NET experience by running .NET applications on faster hardware.

Software Requirement


Web Browsers: Microsoft® Internet Explorer 6.0 and above.

Web Server: IIS 5.0 and above.

Data Access Components: MDAC 2.7 and above (Microsoft Download Center)

.NET Framework 2.0 [link](http://www.microsoft.com/downloads)

EventTracker™ 6.0 and above
Pre-Installation Instructions

**Important:** Install EventTracker v6.0 or higher prior to installing ELC.

EventLogCentral provides two User Authentication options namely “Local Account” and “Active Directory”. While installing ELC you can select an appropriate option through the EventLogCentral Configuration dialog.

If you want “Local Account” authentication, then user accounts and group accounts should preexist on the computer where ELC is to be installed. So, create user accounts and group accounts on the target computer before you attempt to install ELC. For further details refer Creating Local User and Group Accounts

If you want “Active Directory” authentication, then user accounts and group accounts should preexist in the Active Directory. So, create user accounts and group accounts in the Active Directory before you attempt to install ELC. For further details refer Creating Active Directory User and Group Accounts.

Creating Local User and Group Accounts

**Note:** To perform this procedure, you must be a member of the Administrators group on the local computer, or you must have been delegated the appropriate authority. If the computer is joined to a domain, members of the Domain Admins group might be able to perform this procedure.

Summary

What is the significance of creating EventTracker Group and ELC Administrator Group user groups?

To log on to ELC, the user must be a member of EventTracker Group. To administer roles in ELC, the user should be a member of ELC Administrator Group.

EventLogCentral user authentication operates locally, that is confined to a particular computer or within Active Directory context. EventTracker Group and ELC Administrator Group must be created prior to installing EventLogCentral.

- Create two local user groups EventTracker Group (**EventTracker**) and ELC Administrator Group (**EventTracker Admin**) on the computer where EventLogCentral is to be installed.
b. Create a local user e.g. **ETAdmin**.

c. Add **ETAdmin** user to **EventTracker** group. Members of this group can only log on to ELC and do not have administrative privileges.

(OR)

Add **ETAdmin** user to **EventTracker** and **EventTracker Admin** groups to log on and administer roles in ELC.

d. Add **ETAdmin** user to local **Administrators** group on the computer where EventLogCentral is to be installed.

**You can name Groups and user with any name you prefer and need not necessarily be EventTracker, EventTracker Admin, and ETAdmin.**

![Diagram of ELC installation process](image)

**Figure 1**

While installing ELC, in the EventLogCentral Configuration dialog, type the names of the User, EventTracker Group, and ELC Administrator Group in their respective fields as shown below.
Creating EventTracker Group

2 Create user group in the computer where EventLogCentral is to be installed. Right-click Groups and then select **New→Group**.
3 Type the name of the group in the **Group name** field. For example, you can type “EventTracker” as group name.
4 Click Create.
Creating User

5 Right-click "Users" and then select **New -> User.**
6 Type appropriately in the User Name, Full Name, Description, Password, and Confirm Password fields. For example, you can type “ETAdmin” as user name.

7 Select the **Password never expires** check box.
8 Click **Create**.

### Adding User to EventTracker Group

9 Right-click newly created user group and then select **Properties** from the shortcut menu
Figure 9
10 Click **Add**.
Click **Locations** and then select the location, typically the name of the computer and then click **OK**.
12 Type the user name and then click **Check Names**.

13 User is discovered.
14 Click OK.
Click **Apply** and then click **OK**.

**Adding User to Local Administrators group**

Add user to local Administrators group.
Creating ELC Administrator Group

To create *ELC Administrator Group* user group follow the steps 1-4 as mentioned above.

Adding User to ELC Administrator Group

To add users to *ELC Administrator Group* user group, follow the step 8-14.
Ref Adding cross-domain users section to add cross-domain users.
Ref Adding cross-forest users section to add cross-forest users.

O/S W2K & Local User Account

If you are installing ELC on Windows 2000 with Local User Account, then do the following:

1. Click **Start** → **Settings** → **Control Panel** → **Administrative Tools** → **Local Security Policy**.
2. In the Local Security Policy window, expand Local Policy node and then click **User Rights Assignment**.
3 Double-click **Act as part of the operating system** in the right pane.
4 Click Add.
Select the users "ASPNET" or "NETWORK SERVICE" and the user who logs in while installing ELC (Example: If you intend to use local account “ETAdmin” credentials, you have to add this user explicitly to Act as part of the operating system. The user should also have local admin privilege on that computer) in the top pane and then click Add.

Click OK.

Creating Active Directory User and Group Accounts

Note: To perform this procedure, you must be a member of the Account Operators group, Domain Admins group, or the Enterprise Admins group in Active Directory, or you must have been delegated the appropriate authority.
Summary

a. Create two user groups e.g. EventTracker** and EventTracker Admin** in the domain where EventLogCentral is to be installed.

b. Create a domain user e.g. ETAdmin**.

c. Add ETAdmin user to EventTracker group. Members of this group can only log on to ELC and do not have administrative privileges.
   (OR)
   Add ETAdmin user to EventTracker and EventTracker Admin groups to log on and administer roles in ELC.

d. Add ETAdmin user to Administrators group on the computer where EventLogCentral is to be installed.

** You can name Groups and user with any name you prefer and need not necessarily be EventTracker, EventTracker Admin, and ETAdmin.

Figure 21

While installing ELC, in the EventLogCentral Configuration dialog, type the names of the EventTracker Group, ELC Administrator Group, and user in the respective fields as shown below.
Creating EventTracker Group

Create a **Global Scope Security Group** in the domain where EventLogCentral is to be installed. Right-click the domain name and then select **New → Group**.

Type the name of the group in the **Group name** field. Select **Group scope** as "global". Select **Group type** as "Security". For example, you can type “EventTracker” as group name.
4 Click OK.

5 Right-click “Users” and then select New -> User.
6 Type appropriately in the respective fields. For example, you can type “ETAdmin” as user name.

7 Click Next. Type passwords.
8 Select the Password Never Expires check box.
9 Click **Next** and then click **Finish**.
Adding User to EventTracker Group

10 Right-click the EventTracker Group and then select Properties from the shortcut menu.

11 Click the Members tab. Click Add. Click Advanced. Search and select the user, and then click OK.
Adding User to Local Administrators group

12 Add user to the Administrators group on the computer where EventLogCentral is to be installed.
Creating ELC Administrator Group

To create *ELC Administrator Group* user group follow the steps 1-4 as mentioned above.

Adding User to ELC Administrator Group

To add users to *ELC Administrator Group* user group, follow the step 9 and 10.

Ref Adding cross-domain users section to add cross-domain users.

Ref Adding cross-forest users section to add cross-forest users.

Adding cross-domain users

Consider *Domain A* and *Domain B* exist in *Forest 1* and ELC server is a member of Domain A. If a user in Domain B needs to access and administer ELC, add that user to EventTracker and EventTracker Admin user groups in Domain A. Since these two domains exist in the same forest, Windows creates automatic trust relationship between these two domains.
Adding cross-domain users

Consider **Domain A** and **Domain B** exist in **Forest 1** and **Domain C** and **Domain D** exist in **Forest 2**. ELC server is a member of Domain A. If a user in Domain C needs to access and administer ELC, add that user to EventTracker and EventTracker Admin user groups in Domain A. Since these two domains exist in different forests, you need to create trust prior to adding users.
**Windows Server 2003 forests:** Create a forest trust. A forest trust lets you create a trust relationship between two separate Active Directory forests.

**Windows Server 2000 forests:** While it's true that you could create trusts between domains in two different Windows 2000 forests, you could not create trusts between different forests. If you wanted trusts to exist between all the domains in two separate forests, you had to create individual trust relationships for each trusting and trusted domain.

**IIS 5.0 and above**

Install IIS before you installing .NET Framework. If you install IIS after installing .NET Framework, it is necessary to enable ASP.NET extensions with IIS.

1. To verify if ASP.NET is enabled.
   
   a. Click **Start**, point to **Settings -> Control Panel**, double-click **Administrative Tools**. Double-click **Internet Information Services Manager**.
Figure 36

b. Right-click **Default Web Site** (Web Sites in IIS 5.0) and then click **Properties**. Click the **Home Directory** tab
Figure 37

c. Click **Configuration**. Under the **App Mappings** tab **Application Mappings** are displayed. The .aspx entry in the **Extension** column, confirms that IIS is ASP.NET enabled.
d. If .aspx does not exist, then you can enable ASP.NET by following the steps below.

Click Start, point to Settings, and then click Control Panel
Double-click Add or Remove Programs.
Click Add/Remove Windows Components.
Double-click Application Server.
Check if ASP.NET check box is selected. If not selected, select it.
(OR)

By running the aspnet_regiis executable from:

%%windows root directory%%Microsoft.NET%Framework%%version of the .NET Framework%aspnet_regiis -r

Where "%%windows root directory%%" is the directory Windows is installed to (typically c:\windows or c:\winnt) and "%%version of the .NET Framework%%" is the version of the .NET Framework you have installed. The directory for .NET 2.0 is v2.0.50727.

### Win2k8 Server

#### Installing Web Server (IIS)

By default, all role services are not installed while installing IIS 7.0 on Win2k8 server. You need to manually select **Application Development**, **Security**, and **IIS Management** role services while installing the web server (IIS). These are essential services and should be up and running prior to installing ELC.
This section helps to install web server (IIS) with role services required for ELC.

a. Log on to Win2k8 server.

b. Click Start -> Settings -> Control Panel -> Administrative Tools -> **Server Manager**.

c. Click **Roles** on the left pane.
d. Click **Add Roles** in the Roles Summary pane.
Server Manager displays the Add Roles Wizard.
Figure 43

e. Click Next>.

Add Roles Wizard displays Select Server Roles window.
Select the **Web Server (IIS)** Role.
Add Roles Wizard displays the confirmation message box.

![Add Roles Wizard](image)

Add features required for Web Server (IIS)?

- **Features:**
  - Windows Process Activation Service
- **Description:**
  - Windows Process Activation Service generates the IIS process model, removing the dependency on HTTP. All the features...

![Add Roles Wizard](image)

**Figure 45**

**g.** Click **Add Required Features**.

Web Server (IIS) role is selected.
Add Roles Wizard displays the Web Server (IIS) window.

h. Click Next>.
Add Roles Wizard displays the Select Role Services window.

i. Click Next>.

Add Roles Wizard displays the Select Role Services window.
Select ASP.NET under Application Development.

Add Roles Wizard displays the Add Roles Wizard dialog box.

Add role services and features required for ASP.NET?

You cannot install ASP.NET unless the required role services and features are also installed.

Role Services

- Web Server (IIS)
  - Web Server
    - Application Development
      - ISAPI Extensions
      - ISAPI Filters
    - .NET Extensibility
      - .NET Environment

Why are these role services and features required?
k. Click **Add Required Role Services**. Required role services ASP.NET, .NET Extensibility, ISAPI Extensions, and ISAPI Filters are installed.

l. Scroll down and select **Windows Authentication** role service under **Security**.

m. Scroll down and select **IIS Management Scripts and Tools** role service under **Management Tools**.

n. Select **IIS 6.0 Management Compatibility**. All sub-options are selected by default.

```
Figure 50
```

```
k. Click Add Required Role Services.
Required role services ASP.NET, .NET Extensibility, ISAPI Extensions, and ISAPI Filters are installed.
l. Scroll down and select Windows Authentication role service under Security.
m. Scroll down and select IIS Management Scripts and Tools role service under Management Tools.
n. Select IIS 6.0 Management Compatibility. All sub-options are selected by default.
```

```
Figure 51
```

```
o. Click Next>.
p. Add Roles Wizard displays the Confirm Installation Selections window.
```
q. Click **Install**.

Add Roles Wizard displays the successful installation message.
Figure 53

r. Click **Close** to close the Add Roles Wizard.

s. Close the Server Manager.

**Customizing Web Server (IIS)**

If the web server (IIS) is already installed, check if Application Development, Security, and IIS Management role services are installed. If not, do the following to add those role services.

This section helps to add role services to the web server (IIS) that is already installed.

a. Log on to Win2k8 server.

b. Click Start -> Settings -> Control Panel -> Administrative Tools -> **Server Manager**.

c. Expand the **Roles** node and then click **Web Server (IIS)**.
d. Go to the Role Services pane to view the role services installed.

e. If the essential role services mentioned above are not installed, then click Add Role Services in the Role Services pane.

f. Select ASP.NET, .NET Extensibility, ISAPI Extensions, and ISAPI Filters role services Application Development.
g. Scroll down and select **Windows Authentication** role service under **Security**.
h. Scroll down and select **IIS Management Scripts and Tools** role service under **Management Tools**.
Figure 57

i. Select **IIS 6.0 Management Compatibility**. All sub-options are selected by default.
j. Click Next.

k. Add Roles Wizard displays the Confirm Installation Selections window.
I. Click **Install**.

Installation progress is displayed as shown in the following figure.
Add Roles Wizard displays the successful installation message.

**Figure 60**

Add Roles Wizard displays the successful installation message.
Figure 61

m. Click Close to close the Add Roles Wizard.

n. Close the Server Manager.

Vista

Installing Web Server (IIS)

All features are not turned on while installing web server (IIS) on Vista. You need to manually turn on the features that essential for ELC to work properly, while installing web server (IIS).

This section helps to install web server (IIS) with features required for ELC.

a. Log on to Vista system where you want to install ELC.

b. Click Start -> Settings -> Control Panel -> Programs and Features.

Programs and Features window is displayed.
Figure 62

c. Click *Turn Windows features on or off* on the left pane.

Windows Features window is displayed.
d. Expand **Internet Information Services** -> **Web Management Tools** and select the features as shown in the following figure.

![Windows Features](image-url)
e. Expand **Internet Information Services** -> **World Wide Web Services** -> **Application Development Features** and select the features as shown in the following figure.
f. Expand **Internet Information Services** -> **Security** and select the **Windows Authentication** check box as shown in the following figure.
Click OK.

Installation progress is displayed as shown in the following figure.

Customizing Web Server (IIS)

If web server (IIS) is already installed on Vista system, check if the essential features are turned on. If not, do the following.

This section helps to turn on features in the web server (IIS) that is already installed.
a. Log on to Vista system.

b. Click Start -> Settings -> Control Panel -> Programs and Features.

Programs and Features window is displayed.

c. Click Turn Windows features on or off on the left pane.

Windows Features window is displayed.
d. Expand Internet Information Services -> Web Management Tools and select the features as shown in the following figure.
e. Expand **Internet Information Services** -> **World Wide Web Services** -> **Application Development Features** and select the features as shown in the following figure.
f. Expand **Internet Information Services** -> **Security** and select the **Windows Authentication** check box as shown in the following figure.
g. Click OK.

Installation progress is displayed as shown in the following figure.

2 To enable SSL (optional): Secure Socket Layer is a request/response protocol that involves public and private keys, as well as, a digital certificate. A 128-bit security certificate is considered standard on any web server, and most client web browsers (version 5 and above) are capable of working with a 128 bit public key. Please refer to http://www.prismmicrosys.com/Support/latest guides/CWG10SWIISSSL.pdf for the steps to secure ELC Web site with SSL.
Installation Procedure

Installation can be initiated by the following methods.

**Note:** If you intend to use local account, restart the computer, login with the local account user credentials and then proceed with the installation. The user should have local admin privilege on that computer.

1. Use the CD to execute elc3.exe.
2. Launch the downloaded self-extracting, executable program. The installation is geared to be intuitive and friendly. You will be asked to enter the license details during the process of installation. Ensure that you enter license number exactly as given. License information is case sensitive. A Finish dialog box indicates successful completion of installation.

Installation Process

The installation steps are as follows:

1. Insert the CD in the CD-ROM, and the installation wizard should start automatically. If it does not, click **Start→Run**, and type `G:\elc3.exe` (assuming your CDROM is drive G).
2. InstallShield[R] Wizard displays the Welcome screen.
3 Click **Next >**.

If IIS 5.0 or higher is not installed on your system, then InstallShield[R] Wizard aborts the installation with an appropriate message.
4 InstallShield® Wizard displays the Software License Agreement screen. Accept the license agreement. InstallShield® Wizard aborts the setup if you do not accept the license agreement.

![Figure 76](image)

**Note**: Had you installed an earlier version of ELC and trying to install the latest version of ELC on the same machine, a message is displayed.
Click "Yes" to upgrade.

5 Click **Next**. InstallShield[R] Wizard displays the Prerequisite screen.
Check if all prerequisites are met, and then click **Next**.

**InstallShield** displays the **Destination Folder** (ELC installation path) screen. By default, the destination folder would be typically ...\Inetpub\wwwroot\CWG01\.
8 Select a drive from the drop-down list and then click OK.

**Important:** You can only change the drive e.g. from C: to D: and not the folder hierarchy. ELC should always be installed in \Inetpub\wwwroot\CWG01\ no matter what drive you choose.

9 After changing the drive, click Next. InstallShield[R] Wizard displays the EventLogCentral License Registration screen.
Type the license information exactly as provided to you. This information is case sensitive.

Click **Next**. InstallShield[R] Wizard displays the Ready to Install the Program screen.
12 Click **Install**. InstallShield® Wizard displays the Installing EventLogCentral screen.
InstallShield® Wizard displays the ELC Configuration screen had you installed EventTracker Standard or Collection Point console.
14 Type valid user name and password in the **UserName** and **Password** fields respectively.

**Important:** You can use local user account or domain user account. In both the cases the user must be a member of *Administrators* group on the computer where ELC is being installed.

**Note:** ELC services will run under this account.
**Note:** To log on to ELC, the user should be a member of EventTracker group. To log in and administer roles in ELC, the user should be a member of both EventTracker and ELC Administrator Group.

15 Type the length of time a user is allowed to remain inactive in the **Session Duration** field. If there is no user interaction with the application after this period, ELC kills the session and logs out the user.

16 Type the EventTracker Group name in the **EventTracker Group** field.

17 Type the ELC Administrator Group name in the **Group** field.

18 Select a **User Authentication** option.

- **Local Account:** Authentication is done locally on the computer where ELC is being installed. For more information see: Creating Local User and Group Accounts
- **Active Directory:** Authentication is done in the Active Directory. For more information see: Creating Active Directory User and Group Accounts

**Note:** Enable Role Management check box is selected by default. If you clear this check box and install ELC, ELC will not display the **Roles** tab.

19 Click **OK**.

20 InstallShield[R] Wizard displays the ELC Configuration message box.

![](Figure 84)

21 Click **OK**. InstallShield[R] Wizard displays the ELC - User Message.

![](Figure 85)
22 InstallShield® Wizard displays the ELC Configuration screen, if ELC is installed on a system where EventTracker Collection Master is installed.

**Figure 86**

![EventLogCentral Configuration](image)

**Note:** Console Type: Collection Master check box is selected by default. If you clear the check box and install ELC, ELC will not display the Cab Info tab.

23 Click OK to continue.

24 After successful completion, InstallShield® Wizard displays the Finish screen.
Figure 87

The InstallShield Wizard has successfully installed EventLogCentral. Click Finish to exit the wizard.
Post Installation Instructions

1. Open Internet Information Services Manager. (Click Start → Control Panel → Administrative Tools → Internet Information Services Manager). Right-click Default Website and change the Connection Timeout to 7200 seconds.

![Figure 88](image)

2. In case the .NET Framework 2.0 is installed on the ELC server, follow the below mentioned steps to configure ELC application to use the .NET Framework 2.0.50727

3. Right-click CWG01 under Default Web Site in the Internet Information Services. The following screen is displayed.

Prism Microsystems, Inc.
4 Click Properties and select ASP.NET tab in CWG01 Properties. The CWG01 Properties screen is displayed.
Click the **ASP.NET version** drop-down list. The **CWG01 Properties** screen is displayed.
Note: Repeat the steps 20-23 for virtual directory ELC installed under the default website.

6 Open the browser, and type the URL as [http://localhost/ELC/cwg_login.aspx](http://localhost/ELC/cwg_login.aspx) (https: if the Web site is SSL enabled). The ELC Login page will be displayed on the browser.
If ELC is installed on 64-bit machine, then you will get the screen as shown in figure 58.
1. Open IIS Manager.
2. Click the **Web Service Extensions** node in the left pane.
3. Click the **ASP.NET v2.0.50727 (32-bit)** Web Service Extension in the right pane.
4 The default Status is Prohibited. Click the **Allow** button.
5 Restart the IIS server.
6 Open the browser, and type the URL as http://localhost/ELC/cwg_login.aspx (https: if the Web site is SSL enabled). The ELC Login page will be displayed.
Appendix

The following applies to the use of “EventLogCentral”

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