

## Knowledge Base Article #ETM6221

# Installing the ETM System v7.0.1 on a 64-Bit Linux Server

### Before You Begin

1. When you install and configure your Linux platform, allocate space for the ETM applications under **/opt**. ETM RPMs are installed under **/opt** and the installation directory cannot be changed.
2. The JVM switch **java.awt.headless=true** is not supported, although most application functions appear to be unimpaired in such a configuration. For a supported configuration and especially to enable the Server to save reports to the tree in Usage Manager, install the **xorg-x11-server-Xvfb** package for RedHat or CentOS.

### Installing the ETM Applications

Three installation (RPM) files are included for the Linux ETM Server installation:

1. `etm-esc-<version-build>.x86_64.rpm` – ETM System Console only
2. `etm-ms-<version-build>.x86_64.rpm` – ETM Management Server only
3. `etm-rs-<version-build>.x86_64.rpm` – ETM Report Server only

### To Install the ETM applications

- Execute the following sequence of steps to install each required RPM (not order-dependent):
  1. Log in as 'root' user.
  2. Change to the directory containing the RPM files.
  3. Determine whether previous RPMs are installed by typing '`rpm -qa |grep -i etm-`'
    - if RPMs exist, remove them by typing '`rpm -e <rpm_name>`' where `<rpm_name>` is one of 'etm-esc', 'etm-ms', or 'etm-rs'
  4. Install each required RPM by executing the command, `rpm -ivf <complete_rpm_file_name>`

Files are installed in the `/opt/SecureLogix/ETM` directory with the exception of the Service specific files, which are installed in the `/etc/init.d` directory. The installation directories cannot be changed.

5. From within the ETM directory, execute the **GetSystemID** script by typing '`./GetSystemID`'. If the **GetSystemID** script returns an ID of 00000000, add the system's IP address and host name to the host file (`/etc/hosts`) and then execute the script again. Supply the system ID to

SecureLogix Customer Support to obtain a server license file. Place this license file in the */opt/SecureLogix/ETM* directory.

6. Use **chkconfig** command (*'chkconfig --level 345 <servicename> on'*) or the Services GUI to set the Management Server (*ETMMS*) and Report Server (*ETMRS*) services to start automatically when the system is started.

## Starting, Stopping, and Viewing Status of the Applications

### To start/stop/view status of the ETM applications

1. Log in as 'root' user.
2. Change to the */opt/SecureLogix/ETM* directory.
3. Use the following commands:
  - To start the Database Maintenance tool, type:  
***./ETMDBMaintTool***
  - To start the ETM System Console, type:  
***./ETMSystemConsole***
  - ETM Management Server commands are:  
***service ETMMS {start | stop | status}***
  - ETM Report Server commands are:  
***service ETMRS {start | stop | status}***

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The ETM System includes: Data Encryption Standard software developed by Eric Young (eay@mincom.oz.au),  
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