



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'gdm3.8'***

**C:\>man gdm3.8**

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### NAME

gdm3 - GNOME Display Manager

### SYNOPSIS

gdm3

### DESCRIPTION

gdm3 is the equivalent of xdm(1x) or wdm(1x), but uses the GNOME libraries to provide a GNOME look-and-feel. It provides the GNOME equivalent of a "login:" prompt.

gdm3 reads `/etc/gdm3/custom.conf` for its configuration. For each local display, gdm starts an X server and runs a minimal GNOME session including a graphical greeter. If configured so, the main gdm process also listens for XDMCP requests from remote displays. These requests can either be direct, causing gdm3 to start a session on the remote display, or indirect, causing a chooser to be opened.

When managing a display, gdm3 attempts to execute `/etc/gdm3/Init/display`, or `/etc/gdm3/Init/Default` if that does not exist. When a user logs in, gdm3 first attempts `/etc/gdm3/PreSession/display` (or `/etc/gdm3/PreSession/Default`), and then one of the sessions defined in `/usr/share/xsessions`. When the session has completed, gdm attempts to run `/etc/gdm3/PostSession/display`, or `/etc/gdm3/PostSession/Default`.

gdm3 maintains information about the displays it is managing in `/var/lib/gdm3`. This includes xauth information, so this directory is not readable to normal users.

gdm3 uses PAM to perform authentication using the config file `/etc/pam.d/gdm3`.

## ENVIRONMENT

### XAUTHORITY

Upon session startup, GDM sets the XAUTHORITY environment variable to a session-specific file in `/var/run/gdm3`.

Applications and scripts that assume this file is set to `~/.Xauthority` will not work. To access the display you need both DISPLAY and XAUTHORITY variables.

## AUTHOR

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