Tuxedo Configuration File

Each BEA Tuxedo domain is controlled by a configuration file in which installation-dependent parameters are defined. The text version of the configuration file is referred to as UBBCONFIG, although the configuration file may have any name, as long as the content of the file conforms to the format described on reference page UBBCON FIG(5)in [*BEA Tuxedo File Formats, Data Descriptions, MIBs, and System Processes Reference*. Typical configuration filenames begin with the string ubb, followed by a mnemonic string, such as simple in the filename ubbsimple.](https://docs.oracle.com/cd/E13203_01/tuxedo/tux100/rf5/index.html)

The UBBCONFIG file for a Tuxedo domain contains all the information necessary to boot the application, such as lists of its resources, machines, groups, servers, available services, and so on. It consists of nine sections, five of which are required for all configurations: RESOURCES, MACHINES, GROUPS, SERVERS, and SERVICES.

The binary version of the UBBCONFIG file is referred to as TUXCONFIG. As with UBBCONFIG, the TUXCONFIG file may be given any name; the actual name is the device or system filename specified in the [TUXCONFIG](https://docs.oracle.com/cd/E13203_01/tuxedo/tux100/int/intarch.html#wp1208948) environment variable.

Tuxedo Master Machine

The master machine, or master node, for a BEA Tuxedo domain is a server machine containing the domain's UBBCONFIG file, and is designated as the master machine in the RESOURCES section of the UBBCONFIG file. Starting, stopping, and administering the one or more server machines in a Tuxedo domain is done through the master machine.

The master machine for a Tuxedo domain also contains the master copy of the TUXCONFIG file. Copies of the TUXCONFIG file are propagated to every other server machine—referred to as *non-master machines*—in a Tuxedo domain whenever the Tuxedo system is booted on the master machine.

In a multiple-machine domain running different releases of the BEA Tuxedo system software, the master machine must run the highest release of the Tuxedo system software in the domain.

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| **Note:** | Tuxedo 9.1 is a Tuxedo 9.0 *minor release*. Therefore, Tuxedo 9.1 *can* operate as a non-master machine to a Tuxedo 9.0 master machine in a multiple platform environment. |

Tuxedo TUXCONFIG Environment Variable

The TUXCONFIG environment variable defines the location on the master machine where the tmloadcf(1) command loads the binary TUXCONFIG file. It must be set to an absolute pathname ending with the device or system filename where TUXCONFIG is to be loaded.

The TUXCONFIG pathname value is designated in the MACHINES section of the UBBCONFIG file. It is specified for the master machine *and* for every other server machine in the Tuxedo domain. When copies of the binary TUXCONFIG file are propagated to non-master machines during system boot, the copies are stored on the non-master machines in accordance to the TUXCONFIG pathname values.

Tuxedo TUXDIR Environment Variable

The TUXDIR environment variable defines the installation directory of the BEA Tuxedo system software on the master machine. It must be set to an absolute pathname ending with the name of the installation directory.

The TUXDIR pathname value is designated in the MACHINES section of the UBBCONFIG file. It is specified for the master machine *and* for every other server machine in the Tuxedo domain.

Tuxedo Bulletin Board

The BEA Tuxedo system uses the TUXCONFIG file to set up a *bulletin board* (BB) on each server machine in a Tuxedo domain. When a Tuxedo server process becomes active, it advertises the names of its services in the bulletin board. Some information in the bulletin board is global and is replicated on every server machine in the Tuxedo domain (for example, the names and locations of all servers offering a particular service). Other information is local and is visible only on the local bulletin board (for example, the actual number and type of client requests currently waiting on a local server request queue).

The bulletin board provides location and namespace transparency within a Tuxedo domain. Location transparency means that Tuxedo client and server processes do not have to be aware of the location of a resource within the Tuxedo domain. Namespace transparency means that Tuxedo client and server processes can use the same naming conventions (and namespace) to locate any resource in the Tuxedo domain.

https://docs.oracle.com/cd/E13203\_01/tuxedo/tux65/admingd/monitor.htm

To help you meet this responsibility, the BEA **TUXEDO** system provides tools that ..... printtrans, For example, the **status** is TMGDECIDED, The first phase of the ...