



About the Patch Installer

The installation script `install-patch` updates your BroadVision software with downloaded service patches. You must understand how and in what sequence the Patch Installer modifies files in order to protect any customizations that you have made to your installation. The BroadVision service patch is installed by running an installation script that updates your software automatically. This script analyzes your site to determine if any files to be patched are missing or have been modified since the original product installation:

- If files requiring updates are missing, a warning message appears in the log file.
- If files requiring updates appear to have been modified or customized since the initial installation, a warning message appears in the log files. The patch installation script looks at the modification date of the files. If a member of a container (jar or war) has a modification date that is different from the modification date of most of the other members of the container, the file is listed as possibly being modified.

By default, if there are warning messages, the installation script pauses before replacing any files and displays a message indicating that detailed warnings appear in the log file. If no warnings are detected, the installer does not pause and automatically updates your system. You have the following options if a warning message is displayed:

- Ignore the message and continue with the installation. When files are detected that have a newer timestamp than expected, the installation script installs the patch version of the files. If you previously made customizations to these files, you must manually re-apply the customizations from the backed-up files to the updated files.
- Examine the log file to determine what files will be updated and decide if you want to continue with the installation or cancel the installation. On Windows, see `install_dir\patch\patches\logs\patch-name.generate-update-script.date.time.log`. On UNIX, see `install_dir/patch/patches/logs/patchname.generate-update-script.date.time.log`.
- Cancel the installation.

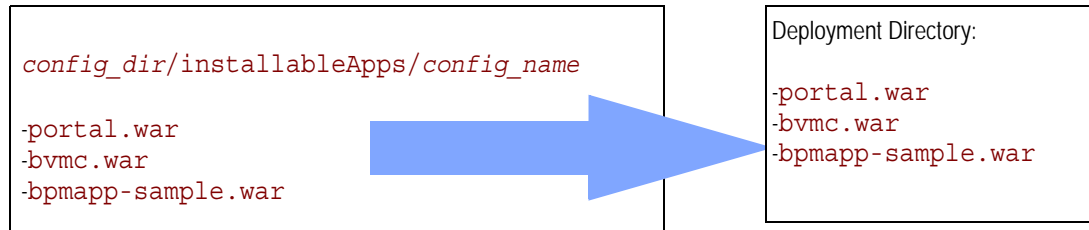
You can change the default behavior of the script by using one of the `-pause` options available to you. Specify `-pause always` to always pause before installing the patch, regardless if there are any warning messages. Specify `-pause never` to update your system regardless if there are any warning messages. If the installation script detects an error, the installation automatically cancels and an error message appears. In addition, all errors are recorded in the log file.

This document contains the following sections:

- [“Synchronizing your files,”](#) next
- [“Patch Installer command syntax”](#) on page 3

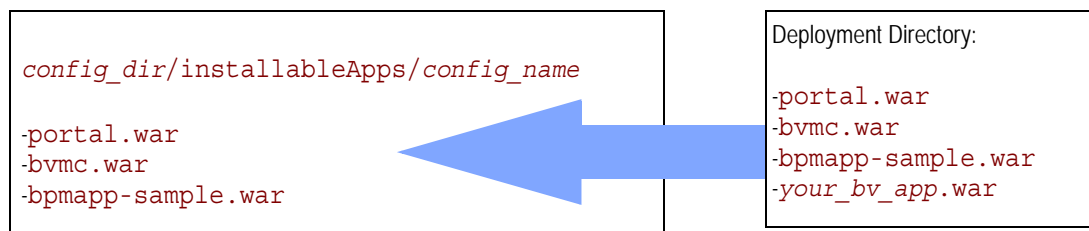
Synchronizing your files

During installation, the `portal.war`, `bvmc.war`, and `bpmapp-sample.war` application files were installed to a specified configuration directory (`config_dir`). During setup, these files were deployed to the specified deployment directory used by your application server. After deployment, you may have customized the `.war` files in the application server.



The Patch Installer analyzes your application files in the `install_dir` (`$BV1TO1`) and `config_dir` (`$BV1TO1_VAR`) directories only. It is important to note that the Patch Installer *does not patch any deployed application files*. It patches the application files located in the `config_dir/installableApps/config_name` directory and then automatically redeploys them to your deployment directory (and over-writes the application files in that directory).

If you made any customizations to your deployed applications, you must first copy the deployed application files back into `config_dir/installableApps/config_name` so that when the Patch Installer runs, it updates and redeploys your customized application files appropriately.



After you complete copying your deployed application files into `config_dir/installableApps/config_name` and backing up your files, you can safely run the Patch Installer.

Patch Installer command syntax

Name `install-patch`

Installs the specified software patch on your system.

Syntax `install-patch[.cmd|.sh] <name> [-pause [never | always]]`
`install-patch[.cmd|.sh] <name> [-? | -ver]`

The following options are supported when using the Patch Installer:

<code><name></code>	The name of the patch you are installing; this is also the name of the directory containing the patch files. For example, if the patch name is <code>XYZ</code> , then the patch files are located in <code>%BV1T01%\patch\XYZ</code> .
<code>-ver</code>	This option displays a timestamp that identifies the version of the Patch Installer. If this argument is specified, other arguments are ignored, and <code>install-patch</code> exits as soon as the timestamp has been displayed.
<code>-pause [never always]</code>	<p>By default, the installer pauses if any warnings are detected and prompts you to either continue or cancel the installation.</p> <p>Use this option with the <code>[never]</code> value to skip the warning pause and run the installer to completion irrespective of warnings. The <code>[never]</code> value is useful if you are updating several machines and want to ignore warnings.</p> <p>Use this option with the <code>[always]</code> value if you want to pause the installation even if no warnings are detected. The <code>[always]</code> value is useful if you want to examine <code>%BV1T01%\patch\<name>\logs\<name>.generate-update-script.<timestamp>.log</code> before updating your system.</p>
<code>-?</code>	This option displays the help text. If this argument is specified, other arguments are ignored and <code>install-patch</code> exists as soon as the help text has been displayed.

