

Admin Guide

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Introduction

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This document contains information about setting up Google Toolbar for Enterprise. Google Toolbar is an end-user application that adds a search bar and other useful web tools to the Internet Explorer browser window. Google Toolbar for Enterprise makes it easy to provide enterprise users with the Google Toolbar and to create standards for its use.

The document was written for Windows domain administrators. As an administrator, you can install and configure Google Toolbar for all users. By defining enterprise-wide policies for Google Toolbar, you can decide which buttons and features users can access. For example, you could remove the feature that saves search history, whitelist certain pages to exempt them from the popup blocker, or prevent users from sending votes to Google about their favorite web pages . You can configure policies before installing Google Toolbar for the users, or at any subsequent time.

Google Toolbar also provides the ability to create custom buttons that display specified pages, direct searches to predefined systems, or display information from an RSS feed. Using Google Toolbar for Enterprise, you can define buttons for all users, using data from your own network or from the Internet. For example, you could create a custom button that directs a user's search to your Google Search Appliance or Google Mini to display a corporate web page or show important phone numbers from your intranet. Other buttons could use the Internet to show the local weather or provide headlines from an external news source.

Technical Overview

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Google Toolbar for Enterprise makes use of Microsoft Group Policy and Active Directory, a services infrastructure that delivers and applies configurations to users and computers. If you are unfamiliar with Group Policy technology, [start here](#).

The package for Google Toolbar for Enterprise includes an Administrative Template that defines policies for Google Toolbar. You import the Administrative Template into the Group Policy Management Console or into your Group Policy editor of choice, and then edit the policy settings. Next, you use Active Directory to apply the template to client machines. This action creates and sets the value of the Google Toolbar keys in each targeted machine's registry. Alternatively, you can use other administration mechanisms, such as logon scripts, to directly modify the registry settings of user machines.

The rest of this document tells you how to download, configure, and install Google Toolbar for Enterprise. Although this document describes configuration before installation, you can instead install first and then configure.

To download the software, go to <http://toolbar.google.com/T4/enterprise/>. Save the software on the domain controller.

Configuring the Group Policies

To view and modify the Google Toolbar Group Policy, open your Group Policy editor. Import the Administrative Template file, `GoogleToolbar.adm`. Under Administrative Templates\Google\Google Toolbar, you'll see the following categories:

- **Preferences** define the settings of Google Toolbar options. Preferences policies make user functions unavailable. If a policy is set to Disabled or Not Configured, a user's own settings generally control whether the feature works.
- **Enterprise integration** specifies a policy for updating Google Toolbar.
- **Custom buttons** control predefined push-buttons that you add to Google Toolbar.
- The **pop-up whitelist** provides a list of sites for which you want to allow pop-up windows. When you set the whitelist for a domain, all URLs within the domain can use pop-up windows.

The next sections list and describe each policy, by category.

Preferences

These are the policies under the Preferences category. The effect of enabling a policy is to disallow use of the associated feature. Unless specified otherwise, the effect of disabling a policy is to make the feature optional, so that the user can choose whether or not to disable the feature.

Policy	Description	Effect of Enabling
Turn off browse by name in the address bar	Disallows use of the address bar Browse by Name feature. This feature lets users type names instead of URLs in the browser address bar.	"Allow Browse by Name in the address bar" does not appear as a user-selectable Toolbar Option.
Turn off pop-up blocker	Disallows use of the popup blocker feature. This feature stops web sites from opening pop-up windows.	The Popup Blocker button does not appear on the Toolbar, and the feature does not appear as a user-selectable Toolbar Option.
Turn off page rank display	Disallows display of page rank and other information. PageRank is the importance Google assigns to a page based on an automatic calculation of factors such as the link structure of the web. The PageRank button provides access to other page information, including a cached snapshot, similar pages, and backward links.	The PageRank button does not appearDisallows use of the on the Toolbar, and the feature does not appear as a user-selectable Toolbar Option.
Turn off spell check	Disallows use of the spell check feature. SpellCheck reviews the text that a user types into a web form.	The Spell Check button does not appear on the Toolbar, and the feature is grayed out in the Toolbar Options list.
Turn off word translator	Disallows use of the Word Translate feature. Word Translate lets a user specify a preferred language, and then displays the translation of a word on a web page when the user points at it. This policy can be enabled only if the policy "Turn off translate menu" is disabled or not configured, because word translation relies on the availability of the Translate button.	The option to turn Word Translate on or off is removed from the user's Translate button.

Turn off auto fill	Disallows use of the AutoFill feature. AutoFill lets a user save a set of standard form data, such as name, address, and so on. Later, the user can click the AutoFill button to automatically fill in a web form with the stored data.	The AutoFill button does not appear on the Toolbar, and the feature is grayed out in the Toolbar Options list.
Turn off auto link	Disallows use of the AutoLink feature. The AutoLink feature adds links to a page if it recognizes certain types of information on the page. For example, AutoLink links a U.S. street address to a map of that address. AutoLink also recognizes shipping tracking numbers, car VIN numbers, and book ISBN numbers.	The AutoLink button does not appear on the Toolbar and the feature is grayed out in the Toolbar Options list.
Turn off suggestions from popular searches	Disallows use of the feature that suggests completions for text that the user has partially entered in the search box, based on common Google searches. The user can choose one of the suggestions to auto-complete the search.	Suggestions based on popular searches do not appear as a user types a search. In addition, the "Suggest popular searches" option is grayed out in the Toolbar Options list of Search Box Settings.
Turn off suggestions from my search history	Disallows use of the feature that suggests completions for text that the user has partially entered in the search box, based on the user's own search history. The user can choose one of the suggestions to auto-complete the search.	Suggestions based on a user's previous search history do not appear as the user types a search. In addition, the "Suggest searches from my search history" option is grayed out in the Toolbar Options list of Search Box Settings.
Do not allow voting buttons	Disallows use of the voting feature, which lets a user send Google a vote for the currently displayed site.	The Voting button does not appear on the list of user-selectable Toolbar Options.
Turn off user-configurable options	Removes the user's ability to configure Google Toolbar.	Options is not a choice on the menu on the Settings button.
Turn off translate menu	Disallows use of the Translate menu feature. This menu lets a user translate a page into a specified language. It also allows use of the word translator, unless " Turn off Word Translator " is enabled.	The Translate Menu button does not appear in the Toolbar and the feature is grayed out in the Toolbar Options list.
Turn off sign in/sign out	Disallows Google account sign-in and sign-out from Google Toolbar. If this policy is disabled, the Settings menu displays "Sign In" when the user is not signed in, and displays "Sign Out from <i>account-name</i> " when the user is signed in.	The Settings menu does not display a sign in/sign out option, so users cannot use Google Toolbar to sign into their Google accounts. Users can sign into their Google accounts by going to a Google web page, however.
Turn off server bookmarks	Disallows use of the Google Bookmarks feature.	The Bookmarks button does not appear on the Toolbar and the feature is grayed out in the Toolbar Options list.
Do not allow usage statistics to be sent to Google	Disallows the feature that sends usage statistics to Google.	Grays out the "Send usage statistics to Google" option in the Toolbar Options list.

Enterprise Integration

These are the policies under the Enterprise Integration category:

Policy	Description
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Block auto-update	Prevents Google Toolbar from automatically checking for and installing updates from Google. If this policy is disabled or not configured, Google Toolbar periodically checks for updates from <code>toolbar.google.com</code> . If you enable this policy, you should periodically check http://toolbar.google.com/T4/enterprise/ for updates. Distribute updates by using Group Policy Management Console, SMS, or a similar enterprise software distribution mechanism.
Do not protect the default search setting	Enabling this policy prevents the Google Toolbar from protecting the browser default search settings.

Custom Buttons

These are the policies under the Custom Buttons category:

Policy	Description
Add custom buttons	Adds buttons to Google Toolbar. For instructions, see Defining Custom Buttons .
Do not allow user to define custom buttons	Prevents users from defining and installing their own custom buttons. This policy prevents users from installing custom buttons from a Google Toolbar button gallery on an external web site. This policy also removes the user interface that lets users add custom buttons. When the policy is disabled or not configured, the button appears when you click Settings, choose Options, and then click the Buttons tab in the Toolbar Options window.

Popup Whitelist

This is the policy under the Popup Whitelist category:

Policy	Description
Popup whitelist	Lists the names of web sites for which you want to allow pop-up windows. If your organization uses web pages or applications that rely on pop-up windows, add their URLs to the whitelist. Each whitelist entry should be at the domain level, rather than at the page level. For example, to allow pop-up windows for any page within the New York Times web site, add <code>www.nytimes.com</code> to the whitelist.

Defining Custom Buttons

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If you have enabled the "Add custom buttons" policy, you can create one or more custom buttons and have them appear on the Google Toolbar for all users. Here's how you create a custom button:

1. Create or obtain the XML file that defines a button, using the instructions in [this document](#).
2. Save the XML file on a server that is accessible from the client machines.
3. Run `gpedit.msc`, the Group Policy Management Console, or open your Group Policy editor of choice.
4. Open the Administrative Template for Google Toolbar, open the Add Custom Buttons policy and select Enable.
5. Specify the button refresh interval, or accept the default, 1440 minutes (24 hours). The refresh interval specifies the wait time between client attempts to get new buttons and refresh the button code.
6. Click the Show button to specify the location of the button's XML file.
7. In the Show Contents dialog, click Add, enter the URL of the XML file, and then click OK.
8. Click OK to add the current list of buttons to the policy.

When you push out the policy, each user's Google Toolbar will include the button that you defined.

Pushing Out the Policy to User Registries

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Once you have configured the Google Toolbar Group Policy, you need to push it to users. To do so, you create an Active Directory Group Policy Object (GPO), edit it from the Active Directory Management Console or the Group Policy Management Console, and apply the GPO to the whole domain, or to an Organizational Unit of that domain.

For each policy, the following table lists the registry key name, the type, an example of a setting, and the default value. Finally, the final columns specify whether the key controls the value of an end-user setting, as shown in the Toolbar Options dialog box, and whether the key controls a feature in the user interface.

All locations in the table are under `\Google\Google Toolbar`.

Location	Policy	Registry Key	Type	Example	Controls User Setting?	Affects UI?
\Preferences	Browse by name in the address bar	BrowseByName	REG_DWORD	1	Yes	No
	Turn off popup blocker	PopupBlocker	REG_DWORD	1	Yes	Yes
	Turn off page rank and info display	PageRank	REG_DWORD	1	Yes	Yes
	Turn off spell check	SpellCheck	REG_DWORD	1	Yes	Yes
	Turn off word translator	WordTranslator	REG_DWORD	1	No	Yes
	Turn off auto fill	AutoFill	REG_DWORD	1	Yes	Yes
	Turn off auto link	AutoLink	REG_DWORD	1	Yes	Yes
	Turn off suggestions from popular searches	SuggestQueries	REG_DWORD	1	Yes	Yes
	Turn off suggestions from my search history	SuggestFromPreSearches	REG_DWORD	1	Yes	Yes
	Do not allow voting buttons	Voting	REG_DWORD	1	Yes	Yes

	Turn off user-configurable options	Options	REG_DWORD	1	Yes	Yes
	Turn off translate menu	TranslateMenu	REG_DWORD	1	Yes	Yes
	Turn off sign in/sign out	SignInSignOut	REG_DWORD	1	Yes	Yes
	Turn off server bookmarks	ServerBookmark	REG_DWORD	1	Yes	Yes
	Do not allow usage statistics to be sent to Google	UsageStats	REG_DWORD	1	Yes	No
\Enterprise	Block auto-update	AutoUpdateServer	REG_SZ		No	No
	Do not protect the default search setting	SWG	REG_DWORD	1	Yes	Yes
\CustomButtons	Add custom buttons	PolicyCustomButtonRefreshInterval	REG_DWORD	1440 (default value)	No	No
	Add custom buttons	PolicyCustomButtonList	REG_SZ	http://www.google.com/toolbar/custombuttons/video.xml	No	Yes
	Disallow user-defined custom buttons	UserCustomButton	REG_DWORD	1	No	Yes
\PopupWhitelist	Popup whitelist	PopupWhiteList	REG_SZ	http://www.example.com http://www.example.org	No	No

Installing Google Toolbar on User Machines

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Google Toolbar for Enterprise is intended for installation on multiple computers in an organization. Google Toolbar supports MSI installation, so you can use your preferred installation method. The following table lists the installation options, and provides comments.

Installation Method	Comment
Have users install Google Toolbar themselves	Users with administrator access to their computers can install the .msi file themselves, if you make it available on a server.
Use Group Policy Software Installation	You can publish or assign the installation.
Use Systems Management Server (SMS)	Google Toolbar supports per-machine (ALLUSERS=1) installations only, so that Google Toolbar appears in the browsers of all users of the machine.