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WhatsUp Gold Distributed and MSP Edition

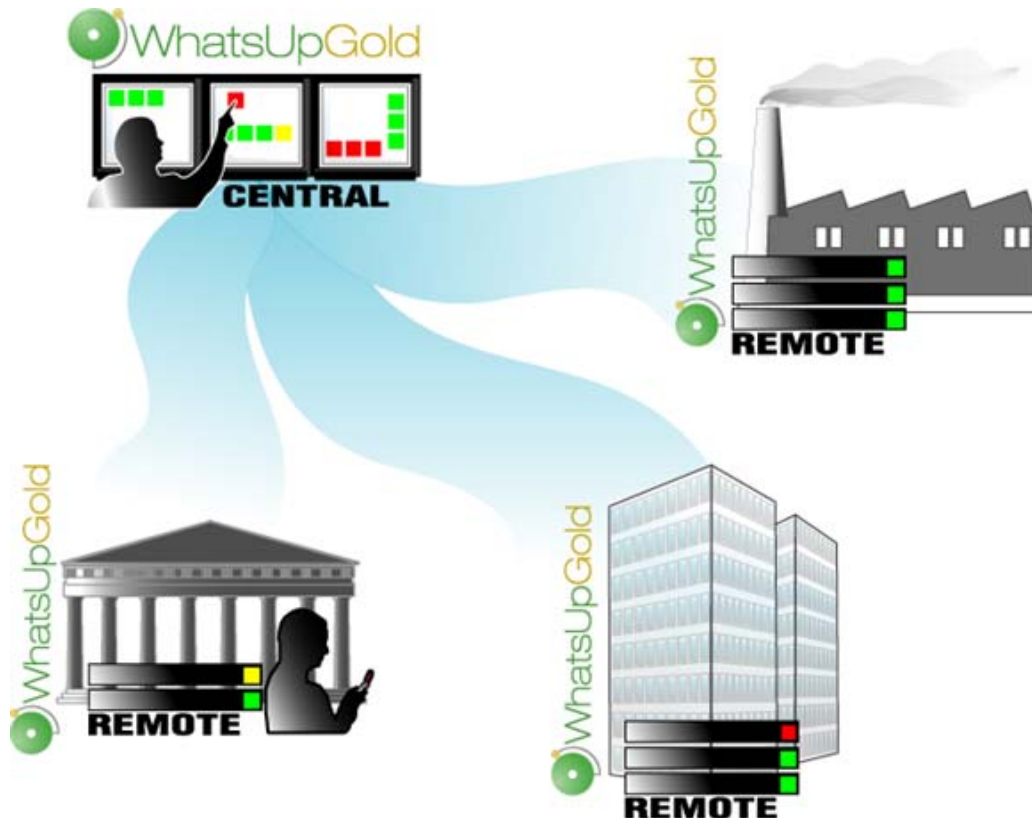
Easy to understand installation instructions



Using WhatsUp Gold Distributed and MSP Edition

About WhatsUp Gold Distributed and MSP Edition

WhatsUp Gold Distributed and MSP Edition extends the capabilities of WhatsUp Gold to multiple remote networks. The distributed solution includes a WhatsUp Gold Central installation and a WhatsUp Gold Remote installation; the WhatsUp Gold Central Site installation coordinates data feeds from multiple Remote Site installations. The network data collected from the Remote sites can be viewed in reports on the Central Site. Together, the Central and Remote installations provide high visibility to multiple networks from one central location.



About the Distributed and MSP Edition reporting capabilities

WhatsUp Gold Distributed and MSP Edition lets you configure and view reports associated with multiple monitored networks. Centralized reports, configured on the Central Site, gather key data from the Remote Sites. With WhatsUp Gold Distributed and MSP Edition's combined monitoring and reporting capabilities, you can be confident that you will stay informed about the overall health of all networks.

Even if you lose the connection between the Central and Remote Sites, information from the last network scan is still available on the Central Site. In this situation, each Remote Site continues to run an independent, full-featured version of WhatsUp, and network data is still gathered, regardless of the connection status between the Remote and Central Sites.

All data communicated between the Central and Remote Sites is transferred over Secure Socket Layer (SSL) protocol to ensure that transmitted data is secure and confidential; SSL communications between sites occur seamlessly, requiring no extra setup.

System requirements

Minimum software requirements

- 32-bit and 64-bit support for the following OS versions: Windows XP Professional SP2 (or later), Windows Server 2003 SP2 (or later), Windows Vista Ultimate (SP2 recommended), Windows Vista Business (SP2 recommended), or Windows Server 2008 (SP2 recommended)
- 32-bit and 64-bit support for the following virtual server environments: VMWare ESXi 3.0 or later and Microsoft Hyper-V Server 2008.
- Microsoft SQL Server 2005 Express Edition (included), SQL Server 2005 Standard or Enterprise Edition or MS SQL Server 2008 Standard or Enterprise Edition (optional)

Important: WhatsUp Gold does not support non-English versions of Microsoft SQL Server 2005 or Microsoft SQL Server 2008.

- WhatsUp Gold Web interface, Microsoft Internet Explorer 7.0, Microsoft Internet Explorer 8.0, or Firefox 3.0
- WhatsUp Gold Mobile interface, Mobile Safari 2.2, Microsoft Internet Explorer Mobile 6.1, or Opera Mini 4.2
- Microsoft .NET Framework 3.5 (required), Microsoft .NET Framework 3.5 SP1 included in install
- Microsoft Windows Scripting Host v5.7 (or later)

Note: Windows Scripting Host is installed with the Windows operating system. To verify your version, run cscript.exe at a command prompt. If you need to update Windows Scripting Host, refer to the Microsoft Windows Scripting Host site.

- Microsoft SAPI 5.1 (required for Text to Speech actions)

Minimum hardware requirements

	Recommended	Required
Processor(s)	WhatsUp Gold: Dual-core Flow Monitor: Quad-core	WhatsUp Gold: Single-core Flow Monitor: Dual-core
Processor speed	2 GHz or more	2 GHz
RAM	WhatsUp Gold: 4 GB Flow Monitor: +4 GB	WhatsUp Gold: 2 GB Flow Monitor: +2 GB
Hard drive space for application, SQL Server Express Edition dbase application, and supporting framework	3 GB	2 GB
Hard drive space for dbase and dbase logs	WhatsUp Gold: 8 GB or more Flow Monitor: +16 GB or more	WhatsUp Gold: 4 GB Flow Monitor: +8 GB
Network interface card	1 Gbps	100 Mbps
CD-ROM or DVD-ROM	Required if installing from CD-ROM. Not required for download installations.	Required if installing from CD-ROM. Not required for download installations.
Video display resolution	1280 x 1024 or higher	1024 x 768
Sound card	SAPI-capable sound card required for Text-to-Speech actions	Not required
Modem and phone line	Required for pager, SMS, and beeper actions; modem pooling is not supported	Not required
GSM modem	Required for SMS Direct actions	Not required

Installation overview

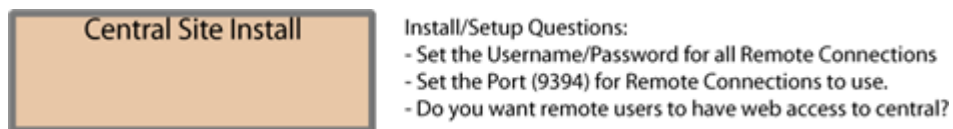
Ipswitch WhatsUp Gold Distributed and MSP Edition includes:

- **WhatsUp Gold Central Site** component installed on a network computer to collect data from and monitor all of the Remote Sites.
- **WhatsUp Gold Remote Site** component installed on a network computer at each remote location. Each remote site computer monitors the remote site network and reports the network status back to the Central Site.
- **Ipswitch Dashboard Screen Manager** application is automatically installed with the WhatsUp Gold Central Site. After the Central and Remote Sites are set up, you can configure this application to display a series of selected WhatsUp Gold web pages. The Dashboard is ideal for multiple-monitor display, increasing visibility of multiple Remote Sites. For more information, see Step 5: Using the Ipswitch Dashboard Screen Manager application.

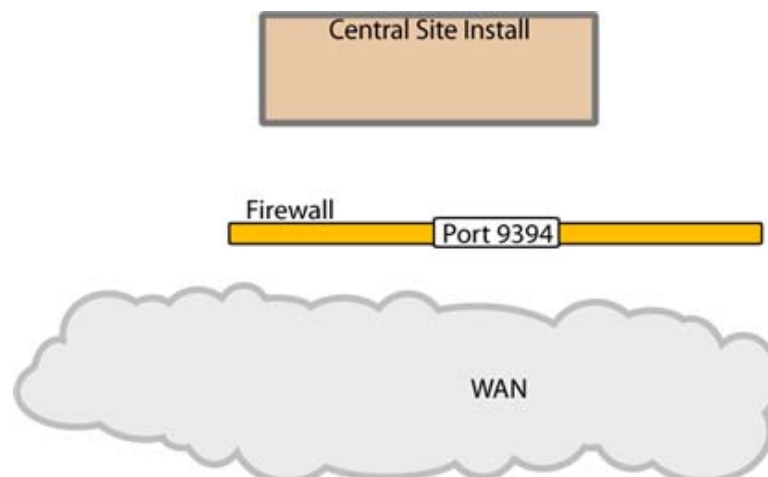
There are two installation programs for the Distributed and MSP Edition, one for the WhatsUp Gold Central Site and a second for the WhatsUp Gold Remote Site.

Following are the overview steps required to install the Distributed and MSP Edition:

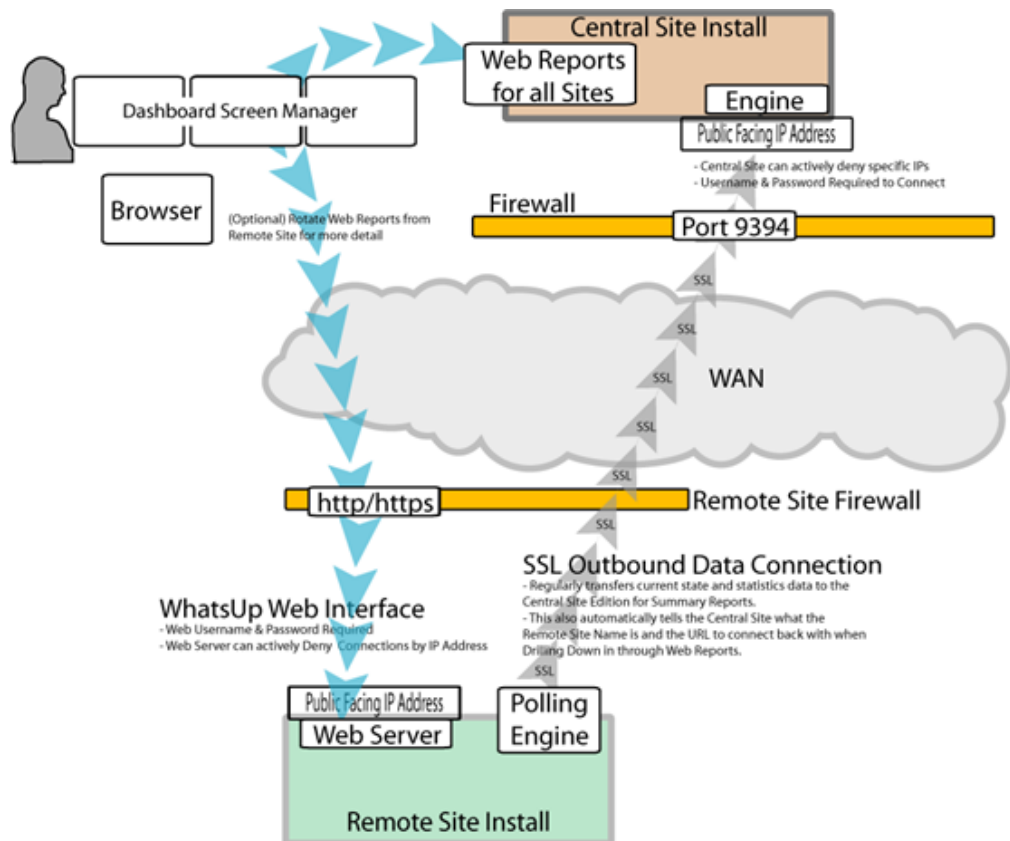
1. Install the Central Site application.
 - Select whether to enable the WhatsUp Web server and select the Web server port. We recommend that you enable at this time.
 - Enter a User Name and Password that the Remote Sites will use when connecting to the Central Site.
 - Configure the TCP port that the Remote Sites will use to connect to the Central Site.



2. Make sure the firewall ports are specified and open for the inbound connections (from the Remote Sites on Port 9394 TCP).



3. Install the Remote Site application at the remote locations.
 - Select whether to enable the WhatsUp Web server and select the Web server port.
 - Set up the Central Site IP Address and TCP Port that the Remote Site(s) will use to connect to the Central Site.
 - Set the User Name and Password that the Remote Site(s) will use to gain access to the Central Site.
 - Set up the Display Name for the Remote Site.
 - (Recommended) Enter the HTTP address that the Central Site will use to access this Remote Site's Web interface.
 - Run the network discovery to identify devices on the network and set up active and passive monitors.



4. Create Workspace Reports on the Central Site installation for each of the Remote Sites.
5. (Optional) Set up the Dashboard application on the Central Site.

After the above steps are complete, the application is ready to monitor, and be further customized and expanded as required. Data will be communicated from the Remote Sites to the Central Site. The network data is rolled-up in the workspace reports and full reports that you set up. If you enabled access to the Remote Sites, you can drill-down from the Central Site reports to detailed historical data on the related Remote Site.

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