

# Installing Version 7.6

## The Latest Tips

**Webinar June 2011**



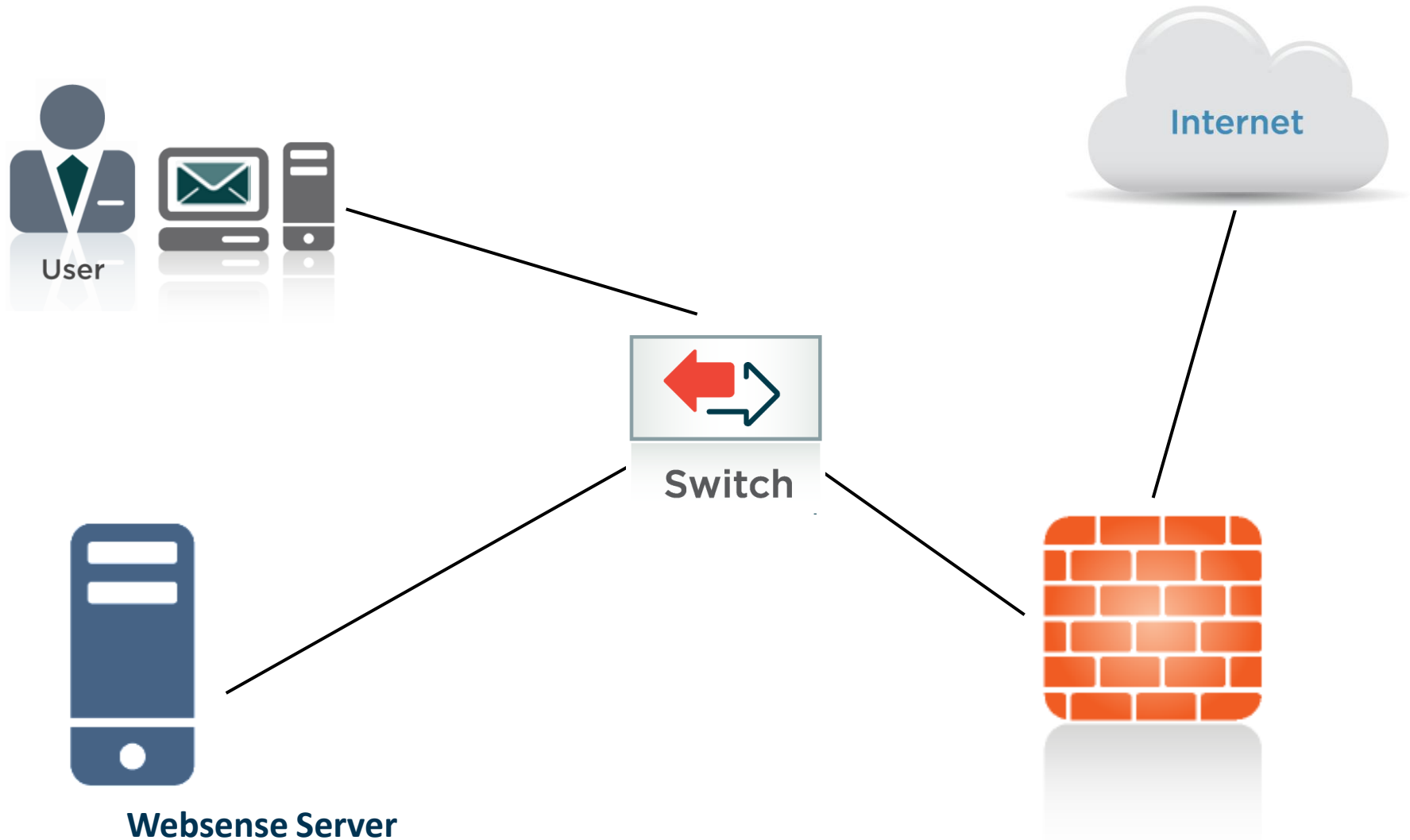
**Greg Didier**

- **Title:** Support Specialist
- **Accomplishments:**
  - 9 years supporting Websense products
- **Qualifications:**
  - Technical Support Mentor
  - Product Trainer

# Goals And Objectives

- Websense's role in your network
  - Preparing your Websense servers
  - Understanding component dependencies
  - Server recommendations
  - Websense installation demonstration
  - Migrating to 64-bit platforms
  - Latest tips
- NOTE: *While my live demonstration is a straight two-server installation, during this presentation I will be sharing suggestions for upgrading as well.*

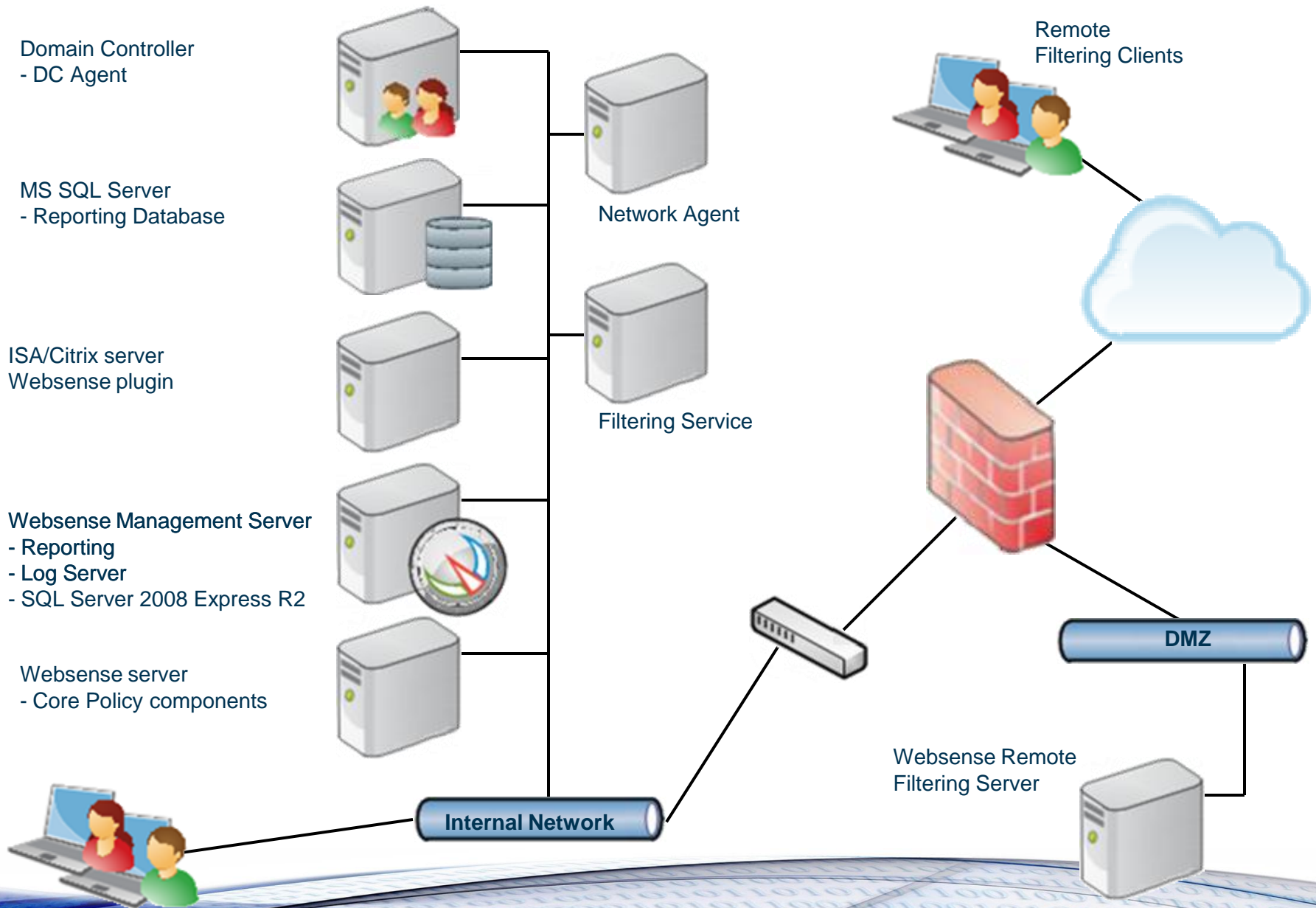
# Websense In Your Network



- Not an in-line filtering device
  - Your network must send packets to Websense
- Websense Filtering Service receives lookup request from:
  - Proxies, firewalls, routers, & Websense Network Agent
- Websense Network Agent receives packets from:
  - Port span enabled switches or dumb hubs
- Place Websense inside your network, not in the DMZ
  - DMZ exception: Websense Remote Filtering Server



# Websense In Your Network



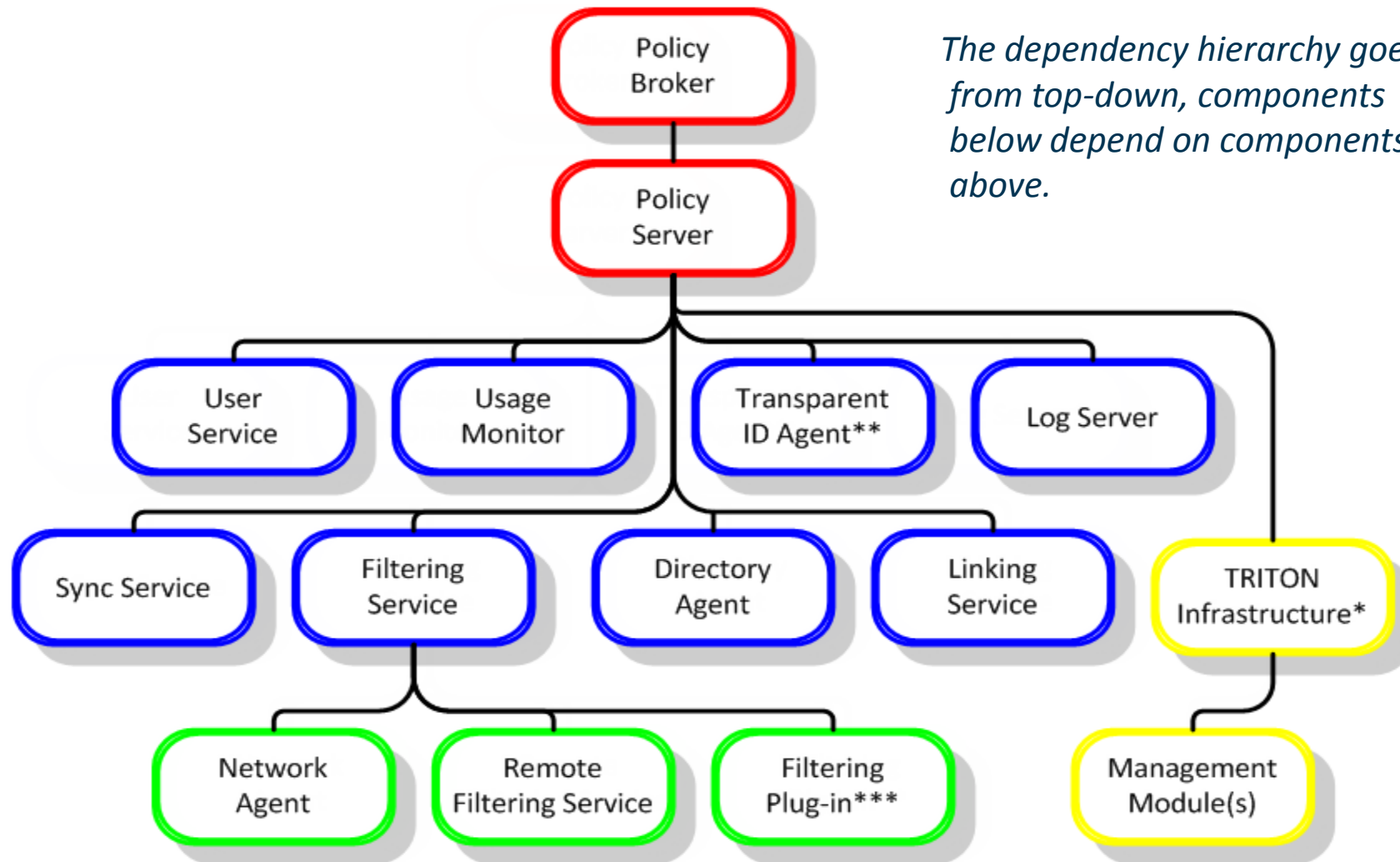
- Single server-- the installer handles dependency issues
- Multiple servers-- you need to be aware of dependencies
- Dependency determines your installation\upgrade path
  - *Policy Broker & Policy Database (custom filtering policies)*
  - *Policy Server (local settings)*
    - *User Service*
    - *Filtering Service*
      - *Network Agent*
      - *Filtering Plugins*
      - *Remote Filtering Server*
        - » *Remove Filtering Clients*
    - *Usage Monitor*
    - *Transparent Identification Agents*
    - *Log Server*
    - *Management and Reporting services*
    - *Real Time Monitor*

- **Websense on a single server**
  - Only concern, back up policies if upgrading
- **Websense on multiple servers**
  - Install: Which components first?
  - Upgrade: Which server first?
  - Component dependency determines your path
  - Back up which servers?
    - Complete all backups within 30 minutes
- **Component limits and ratios**

<ul style="list-style-type: none"><li>– Per entire deployment:<ul style="list-style-type: none"><li>• One Policy Broker</li></ul></li><li>– Per Policy Broker:<ul style="list-style-type: none"><li>• One TRITON Unified Security Center</li></ul></li><li>– Per Policy Server:<ul style="list-style-type: none"><li>• One Web Security Log Server</li></ul></li></ul>	<ul style="list-style-type: none"><li>– Per Policy Server (cont.):<ul style="list-style-type: none"><li>• One User Service</li><li>• One Usage Monitor</li></ul></li><li>– Per Filtering Service:<ul style="list-style-type: none"><li>• One primary Remote Filtering Server</li></ul></li></ul>
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# Component Dependencies



\* SQL Server must be available

\*\* DC Agent, Logon Agent, eDirectory Agent, or RADIUS Agent

\*\*\* Microsoft ISAPI Filter, Citrix Integration Service, or Squid redirector plug-in

## ■ Validate system requirements

- Software and hardware requirements have increased
  - See prior [April](#) and [May](#) 2011 Webinars

## ■ Preparing the server

- Joined server to the network
- Set DEP to: *For essential Windows programs and services only*
- Disable User Access Control
- Disable firewall
- Disable browser pop-up blocker
- Set Computer Browser service to automatic and start
- Logged on server with domain account
- Right click Websense installer, choose *run as administrator*
- Greg's [quick](#) & [full](#) check lists

# Demo: Installing Websense



## ■ Management Server

- TRITON Infrastructure
- TRITON - Web Security manager
- Log Server
  - Reporting
- Real Time Monitor



## ■ Core Server

- Policy Broker and Policy Database
  - Policy server
    - Filtering Server
    - Network Agent
    - User Server
    - Transparent Identification Agents
    - Usage Monitor



## ■ SQL Server

- Must be available prior to install

# Demo: Installing Websense



Mgmt.  
Server



Core  
Server



SQL  
Server

## ■ Live Demonstration

1. Run the TRITON System Check tool
2. Install TRITON - Web Security core components
3. Install TRITON Infrastructure
  - SQL Server must be available
4. Install TRITON - Web Security manager, Log Server, Real Time Monitor
5. Log into TRITON Unified Security Center
  - Enter your subscription key

## ■ If you are new to Websense, see prior Webinar

- *Jump Start Part 1: Websense Web Security Configuration and Setup*
  - See what you need to do **after** entering the subscription key
  - September 15<sup>th</sup>, 2010

- The recommended method for migrating is via a standard upgrade.
  - *If the you are migrating to new equipment, install your current version on the new machine, use the Backup Utility to move your existing configuration to the new installation, and then upgrade the new installation.*
- If the recommended procedure is not possible, see article:
  - How to migrate 7.1 and 7.5 policies to 7.6
    - Allows for manually transferring your policies
- For alternate migration paths, see next month's Webinar
  - Title: *Migrating your custom settings to version 7.6*
  - Includes live migration demonstration



- Run the TRITON System Check Tool
  - Follow the recommendations
- Microsoft SQL Server
  - Prior to installing, a supported version must be available
  - Server *must* be part of the domain when installing SQL Server 2008
  - Logged on with a domain account when installing SQL Server 2008
- Top techsupport issue
  - Database file name collision with MSDE remaining on box
- Infrastructure and management interface issues
  - Install Websense Infrastructure first, then management interface
  - If upgrading, uninstall TRITON - Web Security manager
- Websense network administration accounts
  - An email addresses is required on the account properties
- Review the server install\upgrade check lists

- Deployment and Installation Center
  - System requirements, see chapter 2
  - Component details, see chapter 45
  - Component limits and ratios, see chapter 7
- Backup and restore FAQ v7.6
- Jump Start Part 1: Websense Web Security Configuration and Setup
- How to migrate 7.1 and 7.5 policies to 7.6
- Websense v7.6 Install or Upgrade Check List
- Quick Check List



## Knowledge Base

- Search or browse the knowledge base for documentation, downloads, top knowledge base articles, and solutions specific to your product.



## Support Forums

- Share questions, offer solutions and suggestions with experienced Websense Customers regarding product Best Practices, Deployment, Installation, Configuration, and other product topics.



## Tech Alerts

- Subscribe to receive product-specific alerts that automatically notify you anytime Websense issues new releases, critical hot-fixes, or other technical information.



## [ask.websense.com](http://ask.websense.com)

- Create and manage support service requests using our online portal.

## Webinar Update

Title: **Migrating your custom settings to v7.6**

Date: **July 13th, 2011**

Time: **8:30 AM PST (GMT -7)**

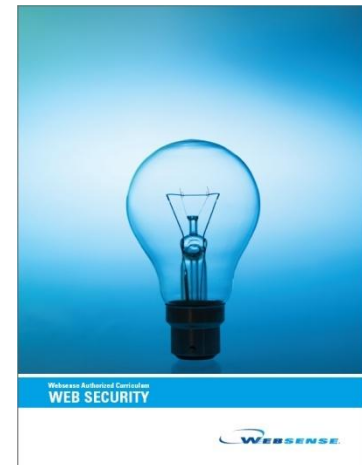
How to register: <http://www.websense.com/content/SupportWebinars.aspx>

# Customer Training Options

- To find Websense classes offered by Authorized Training Partners in your area, visit:  
<http://www.websense.com/findaclass>
- Websense Training Partners also offer classes online and onsite at your location.
- For more information, please send email to:  
[readiness@websense.com](mailto:readiness@websense.com)

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# Questions?

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