Kodak

Multihoming a Smart Review System Server

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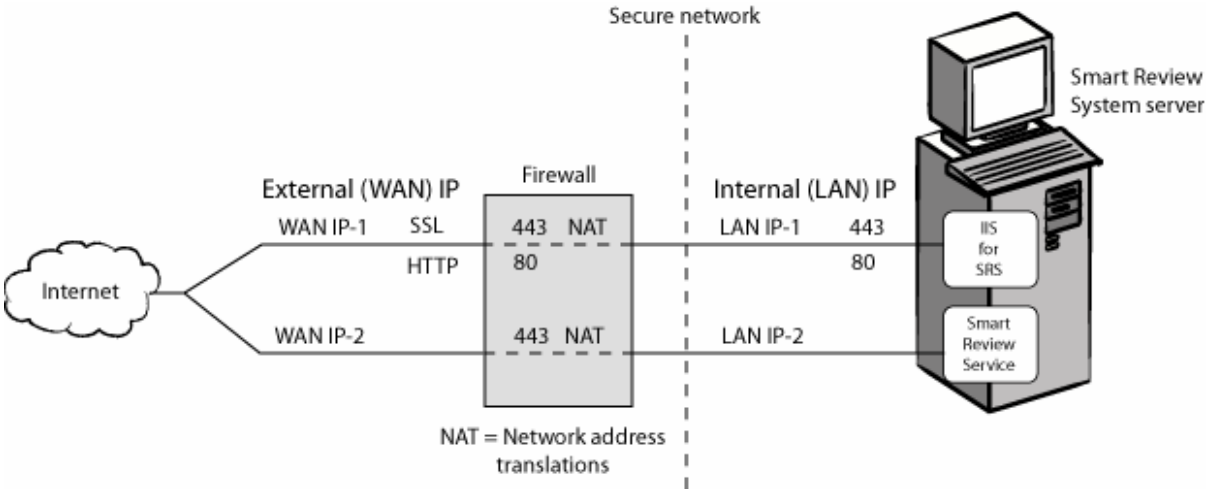
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1. OVERVIEW

Multihoming enables a server to respond to multiple IP addresses. If the Kodak® Smart Review System (SRS) server uses an SSL certificate, it must be multihomed. This is because the SSL certificate requires that the server uses two unique internal and two unique external IP addresses. IIS on the SRS server and the Smart Review service each require an internal private (LAN) IP address and an external public (WAN) IP address.

The LAN addresses enable internal users (that is, staff users) to access SRS from within the LAN. The WAN addresses enable external users (that is, customer users) to access SRS from any computer outside the local network, provided they have an appropriate account and browser. The IP addresses for Smart Review enable SRS to launch Smart Review while maintaining system security.



This document describes how to set up an SRS server for multihoming.

This document assumes that you have an SSL certificate.

2. ADDING A SECOND INTERNAL IP ADDRESS

This procedure assumes the SRS server already has one static IP address.

1. From the **Start** menu, select **Settings > Network and Dial-up Connections > Local Area Connection**.
2. In the Local Area Connection Status dialog box, click **Properties**.
3. In the list of components, select **Internet Protocol (TCP/IP)** and click **Properties**.
4. Click **Advanced**.
5. On the **IP Settings** tab, in the **IP addresses** section, click **Add**.
6. In the **IP address** box, type the internal (LAN) IP address of Smart Review (for example, `10.1.115.36`).

7. In the **Subnet mask** box, type the internal private (LAN) subnet mask (for Smart Review). Usually the mask is `255.255.255.0`, but it should be the same as the mask for the IIS IP address.
8. Click **Add** to return to the Advanced TCP/IP Settings dialog box.
9. Click **OK** to until you are back at the Local Area Connection Status dialog box, and then click **Close**.

3. EDITING REGISTRY SETTINGS

In regedit on the SRS server, fill in the following registry values in the **Networking** section (**HKEY_LOCAL_MACHINE > SOFTWARE > Creo > Araxi > Settings > Default > TWEB > Networking**):

- Multihomed – Change value from **False** to **True**
- InsiteIISLANIP – Add the internal LAN address used for the IIS for SRS
- InsiteIISWANIP - Add the external WAN address used for IIS for SRS (This registry key does not exist by default; you must manually create it using **Edit > New > String Value**.)
- SmartReviewLANIP – Add the internal LAN address used for Smart Review for SRS
- SmartReviewWANIP - Add the external LAN address used for Smart Review for SRS
- InternalIpRanges – Add the internal IP ranges for SRS (for example, “192.168.*;127.0.0.1”)

4. ADDING THE LAN IIS IP ADDRESS TO THE IP INCLUSION LIST

Tip: You can install support tools by running **Support\Tools\SUPTOOLS.MSI** on the Windows 2003 Server R2 CD.

1. Open a command prompt window. (From the **Start** menu, select **Run**. Type `cmd`, and click **OK**.)
2. Type `httpcfg set iplisten –i xxx.xxx.x.x` where `xxx.xxx.x.x` is the LAN IIS IP address.

   When this command is successful, Httpcfg returns the following:

   ```
   HttpSetServiceConfiguration completed with 0
   ```

   (For information about viewing additional status codes, see the Httpcfg help.)
3. After the IP address is added, list it by typing `httpcfg query iplisten`

   Httpcfg returns `IP :xxx.xxx.x.x`
4. Stop the HTTP service and its dependent services by typing `net stop http /y`
5. Restart the HTTP service and its dependent services by typing `net start w3svc`

   Note: When you start W3SVC, all services that were stopped when HTTP was stopped will start.

6. Stop the SRS services by typing `net stop twam`
7. Restart the SRS services by typing `net start twam`

5. CREATING SECURE SESSIONS

All session creation methods (CreateSession, CreateSession2, CreateMultiDocumentSession and CreateCombineSession) have the **Secure** boolean parameter.

To create secure sessions after an SSL certificate is installed, set the **Secure** parameter to **true** when you call session creation methods.

6. RESTORING DEFAULT REGISTRY SETTINGS

In the event that multihoming is no longer required, you can restore the default configuration by reverting the changes that you made in regedit in section 3. To do so, change the following registry values in the **Networking** section (**HKEY_LOCAL_MACHINE > SOFTWARE > Creo > Araxi > Settings > Default > TWEB > Networking**):

- Multihomed – Change value back to **False**
- InsiteIISLANIP – Delete the string so that the value is blank
- InsiteIISWANIP – Delete this registry key, since it did not exist by default
- SmartReviewLANIP – Delete the string so that the value is blank
- SmartReviewWANIP - Delete the string so that the value is blank
- InternalIpRanges – Delete the string so that the value is blank