

# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

Slide 1



## IBM Security Network Intrusion Prevention System V4.4

Pulling updates from the X-Press Update Server



**Security Intelligence.**  
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This is a self-running demonstration that shows you how to complete a task.  
Controls are available at the bottom of the screen.

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## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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Slide 2

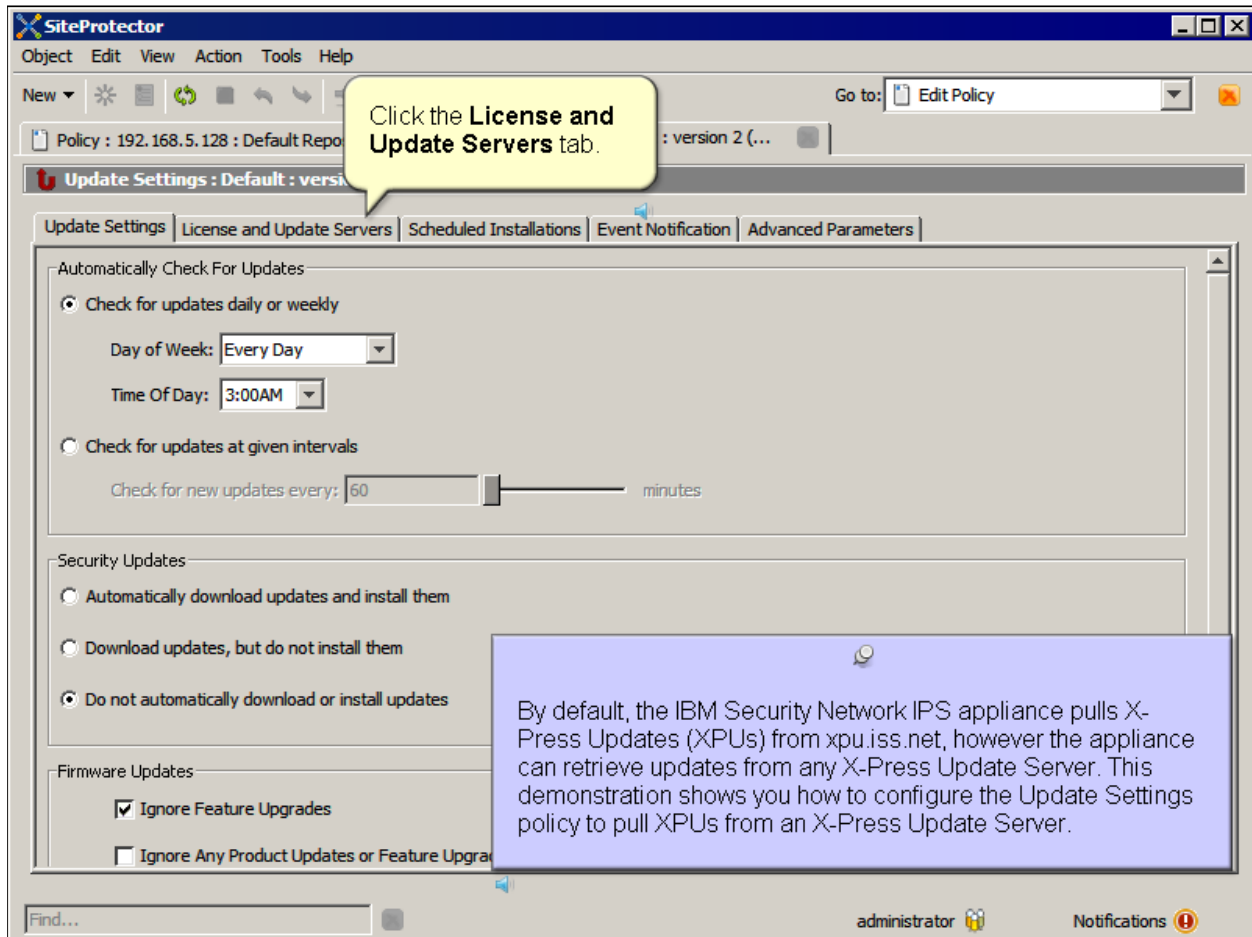


### Objectives

When you complete this module, you can configure the Update Settings policy to pull updates from the X-Press Update Server

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

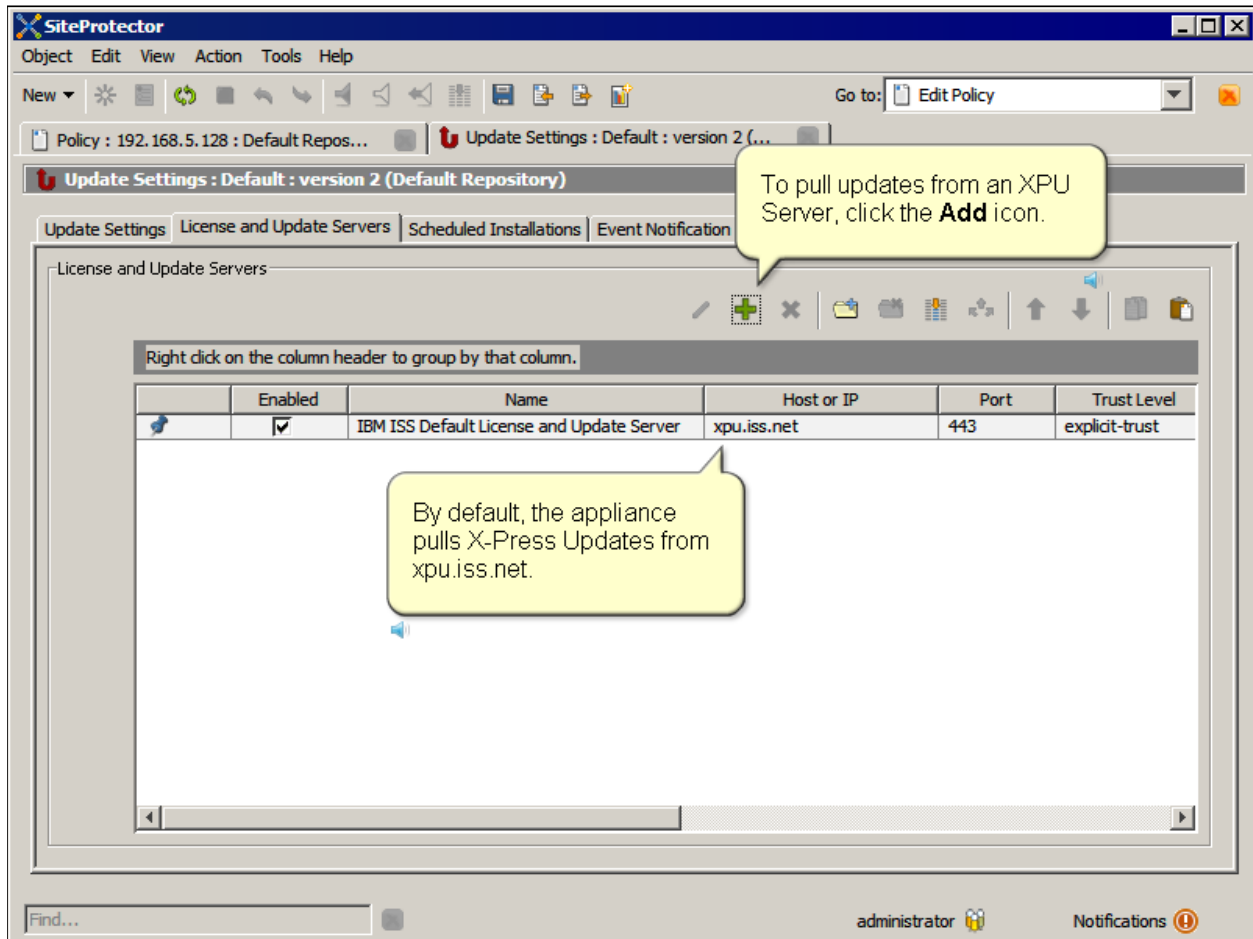
Slide 3



The screenshot shows the IBM SiteProtector management console. The window title is "SiteProtector" and the menu bar includes "Object", "Edit", "View", "Action", "Tools", and "Help". The main content area is titled "Update Settings : Default : vers..." and has several tabs: "Update Settings", "License and Update Servers", "Scheduled Installations", "Event Notification", and "Advanced Parameters". The "License and Update Servers" tab is selected. A yellow callout bubble points to this tab with the text: "Click the **License and Update Servers** tab." The "Automatically Check For Updates" section has three radio buttons: "Check for updates daily or weekly" (selected), "Check for updates at given intervals", and "Do not automatically download or install updates". Under "Check for updates daily or weekly", there are dropdown menus for "Day of Week" (set to "Every Day") and "Time Of Day" (set to "3:00AM"). Under "Check for updates at given intervals", there is a slider set to "60" minutes. The "Security Updates" section has three radio buttons: "Automatically download updates and install them", "Download updates, but do not install them", and "Do not automatically download or install updates" (selected). The "Firmware Updates" section has two checkboxes: "Ignore Feature Upgrades" (checked) and "Ignore Any Product Updates or Feature Upgrades" (unchecked). A blue callout bubble on the right side of the screen contains the text: "By default, the IBM Security Network IPS appliance pulls X-Press Updates (XPU) from xpu.iss.net, however the appliance can retrieve updates from any X-Press Update Server. This demonstration shows you how to configure the Update Settings policy to pull XPU from an X-Press Update Server." The bottom of the window shows a search bar, the user "administrator", and a "Notifications" icon.


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The screenshot shows the SiteProtector management console. The main window is titled "Update Settings : Default : version 2 (Default Repository)". The "License and Update Servers" tab is selected. A table lists the configured update servers. A yellow callout bubble points to the "+" icon in the toolbar, stating: "To pull updates from an XPU Server, click the **Add** icon." Another yellow callout bubble points to the first row of the table, stating: "By default, the appliance pulls X-Press Updates from xpu.iss.net."

Right click on the column header to group by that column.

	Enabled	Name	Host or IP	Port	Trust Level
	<input checked="" type="checkbox"/>	IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust

Find... administrator  Notifications 

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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In the Add License and Update Servers window, verify that the **Enabled** option is selected.

Enabled

Name:

Host or IP:

Port:

Trust Level:

Use a Proxy Server

Proxy Host:

Port:

Enable Authentication

User Name:

Password:

Confirm Password:

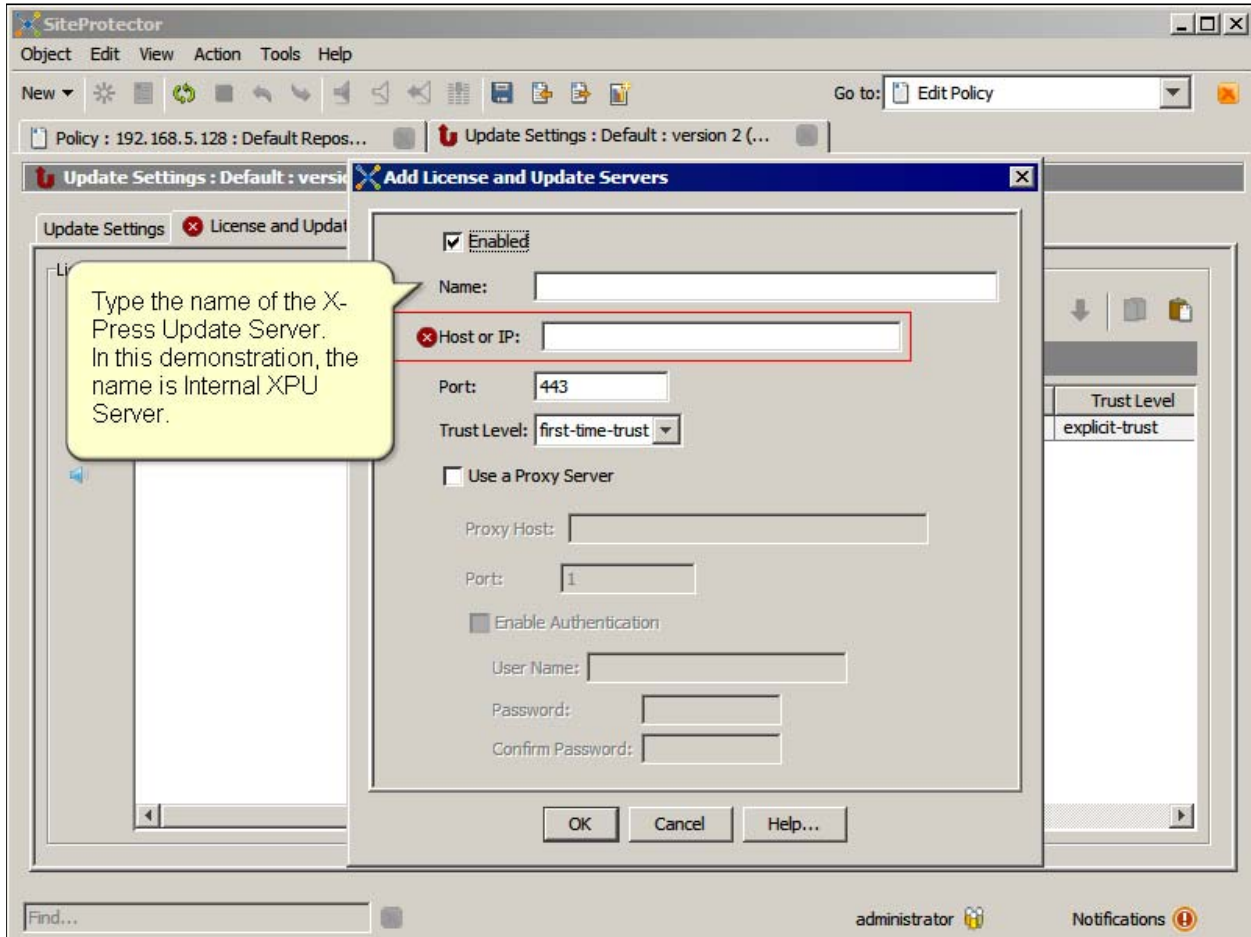
OK Cancel Help...

Trust Level
explicit-trust

Find... administrator Notifications

# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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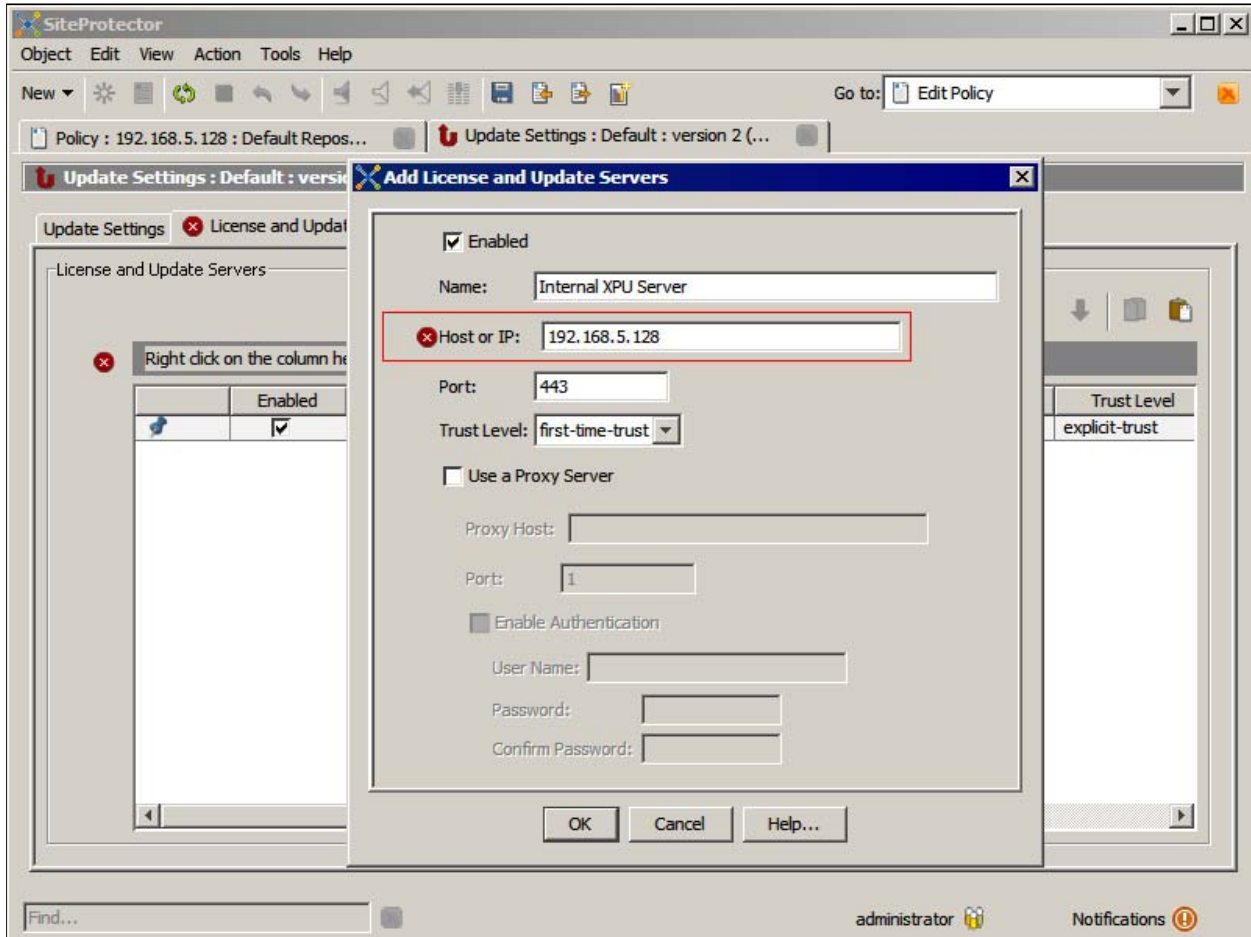
The screenshot shows the SiteProtector interface with the 'Add License and Update Servers' dialog box open. The dialog is titled 'Add License and Update Servers' and contains the following fields and options:

- Enabled
- Name: Internal XPU Server
- Host or IP: (highlighted with a red box and a yellow callout box)
- Port: 443
- Trust Level: first-time-trust
- Use a Proxy Server
- Proxy Host: (empty)
- Port: 1
- Enable Authentication
- User Name: (empty)
- Password: (empty)
- Confirm Password: (empty)

Buttons at the bottom of the dialog are OK, Cancel, and Help... The background shows the SiteProtector main window with a menu bar (Object, Edit, View, Action, Tools, Help) and a toolbar. The status bar at the bottom shows 'administrator' and 'Notifications'.

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## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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SiteProtector

Object Edit View Action Tools Help

New [Icons] Go to: Edit Policy

Policy : 192.168.5.128 : Default Repos... Update Settings : Default : version 2 (...)

Update Settings : Default : vers... Add License and Update Servers

Update Settings License and Update Se

License and Update Servers

Right click on the column h

It is important to use the appropriate port when configuring an X-Press Update Server. XPU Servers use port **3994**. If you use a different port, the appliance is unable to retrieve updates from the XPU Server.

Enabled

Name: Internal XPU Server

Host or IP: 192.168.5.128

Port: 443

Trust Level: first-time-trust

Use a Proxy Server

Proxy Host:

Port: 1

Enable Authentication

User Name:

Password:

Confirm Password:

OK Cancel Help...

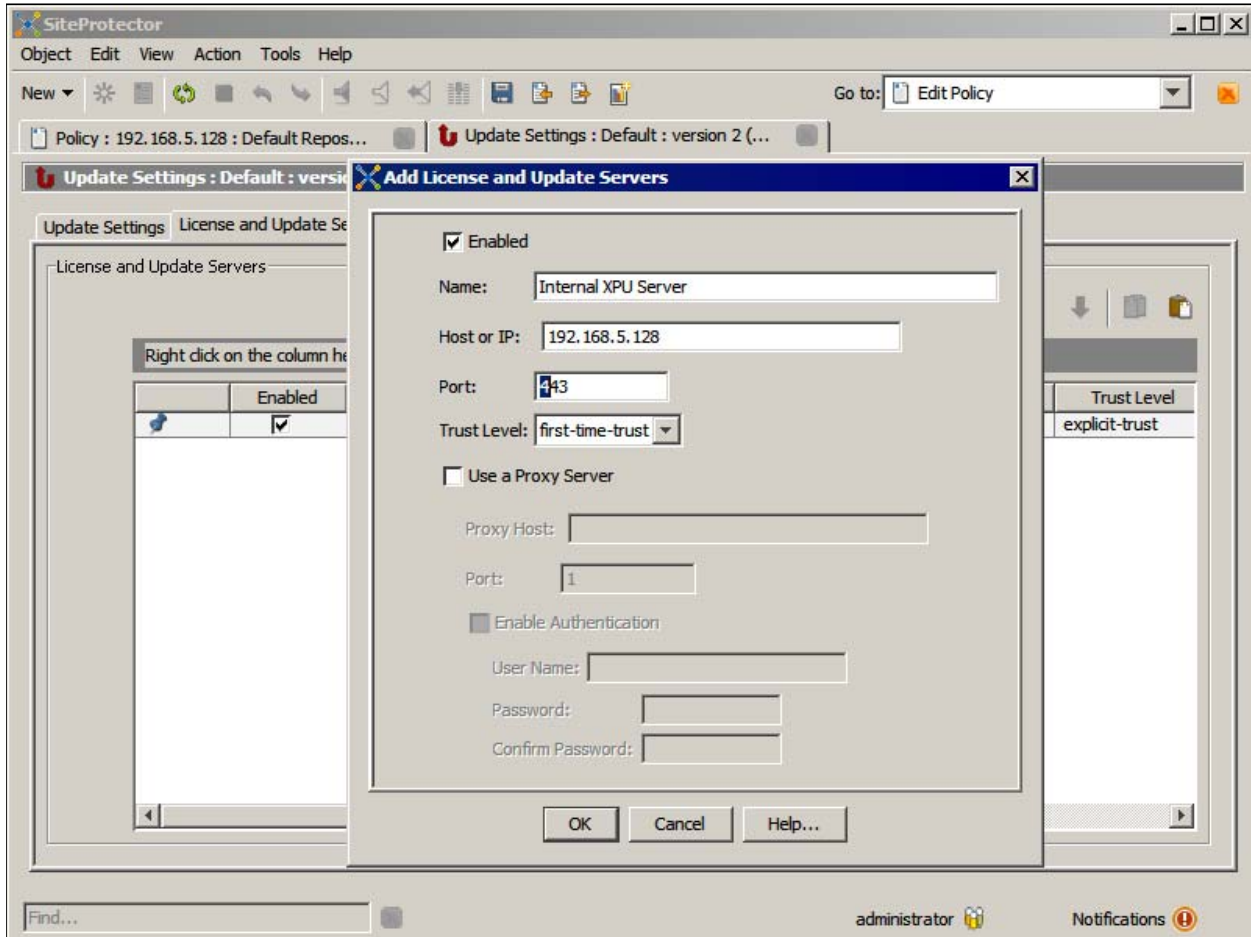
Trust Level

explicit-trust

Find... administrator Notifications

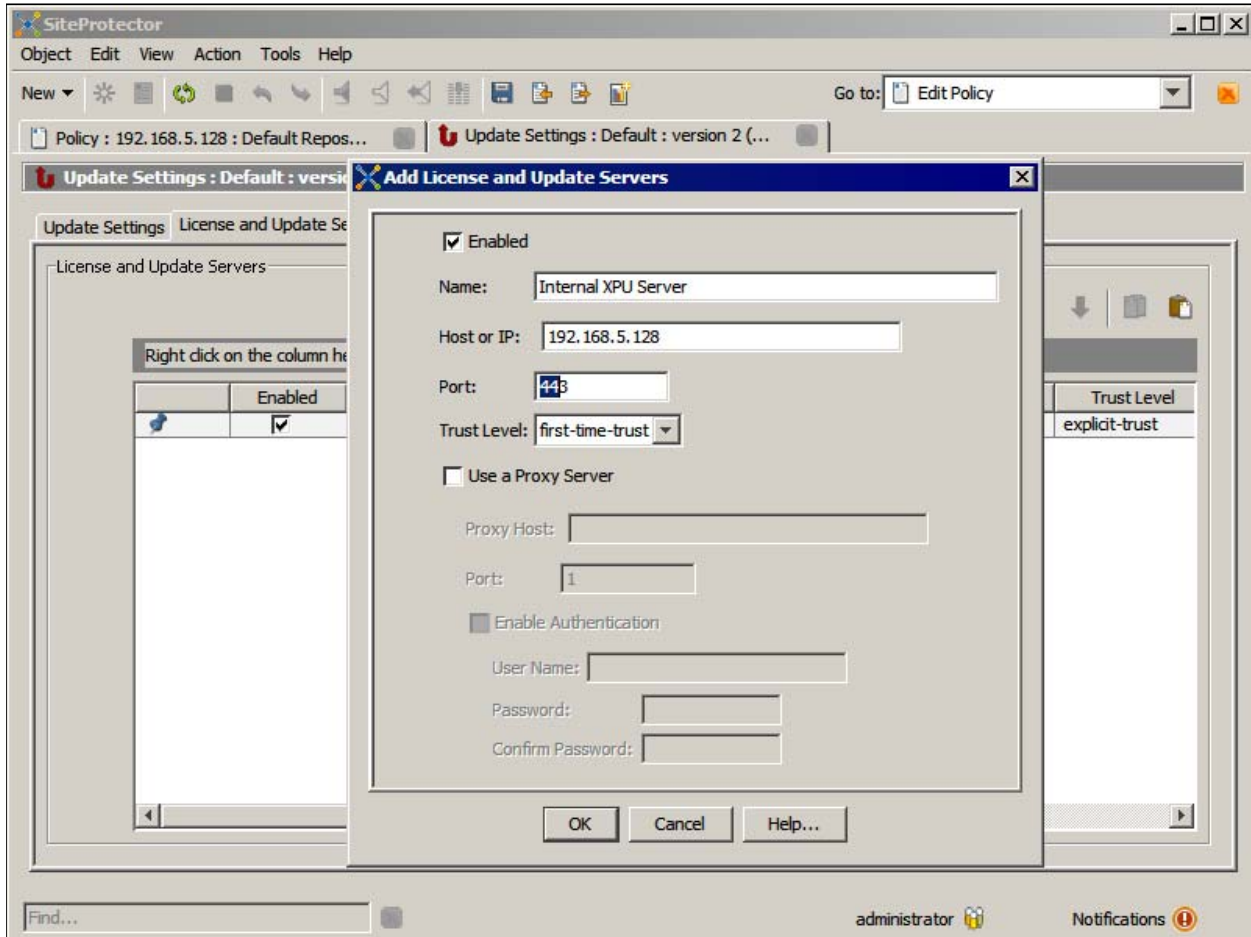
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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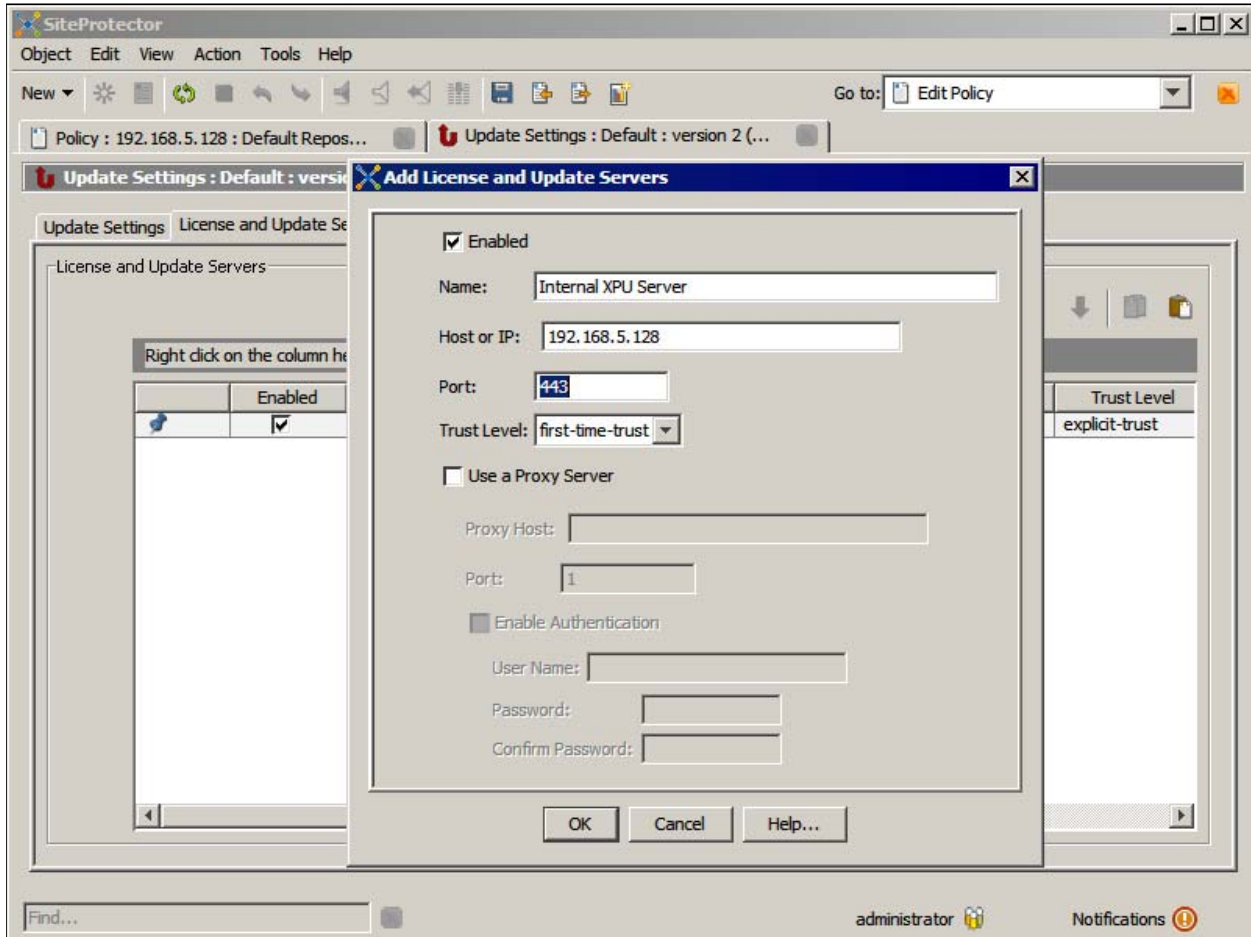
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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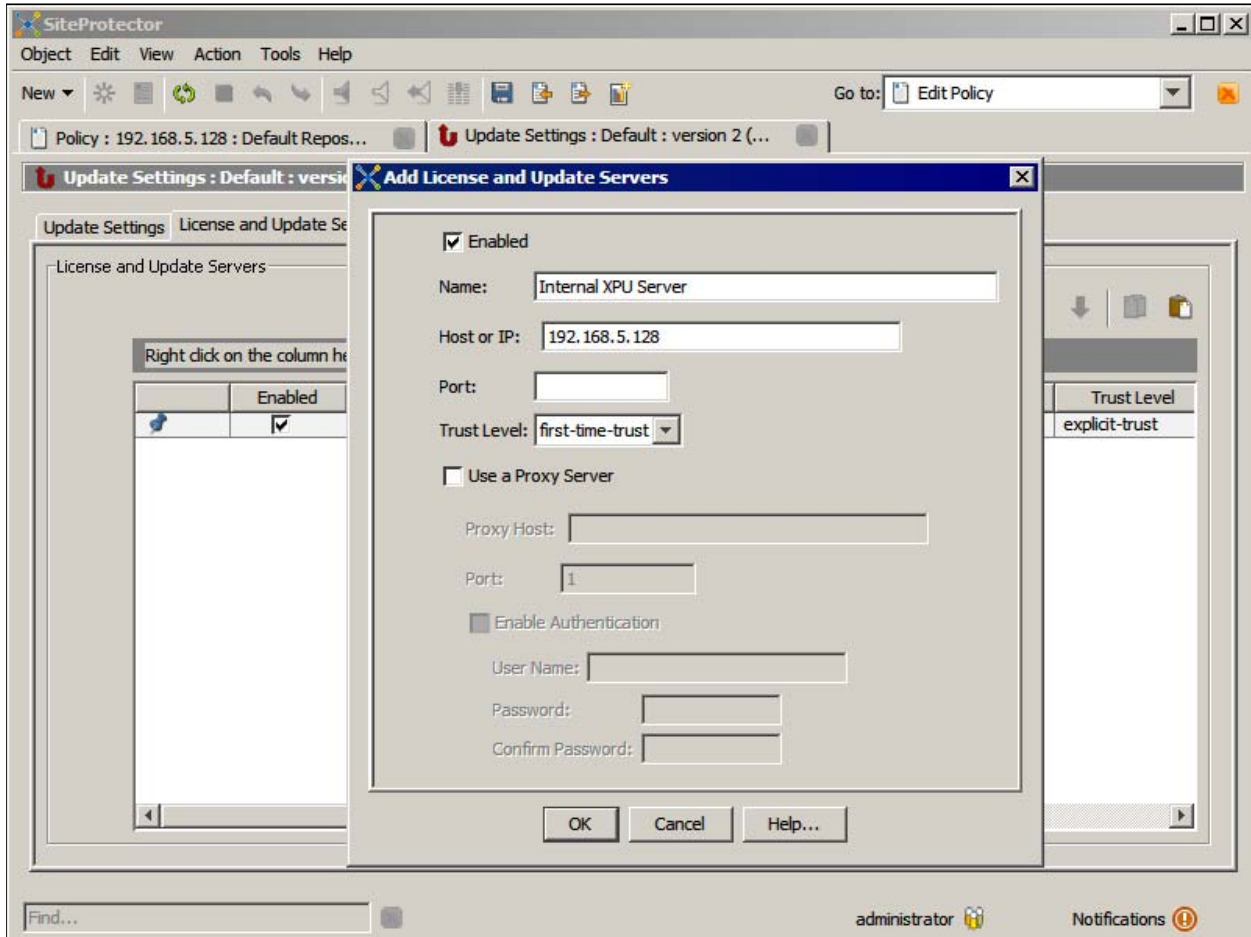
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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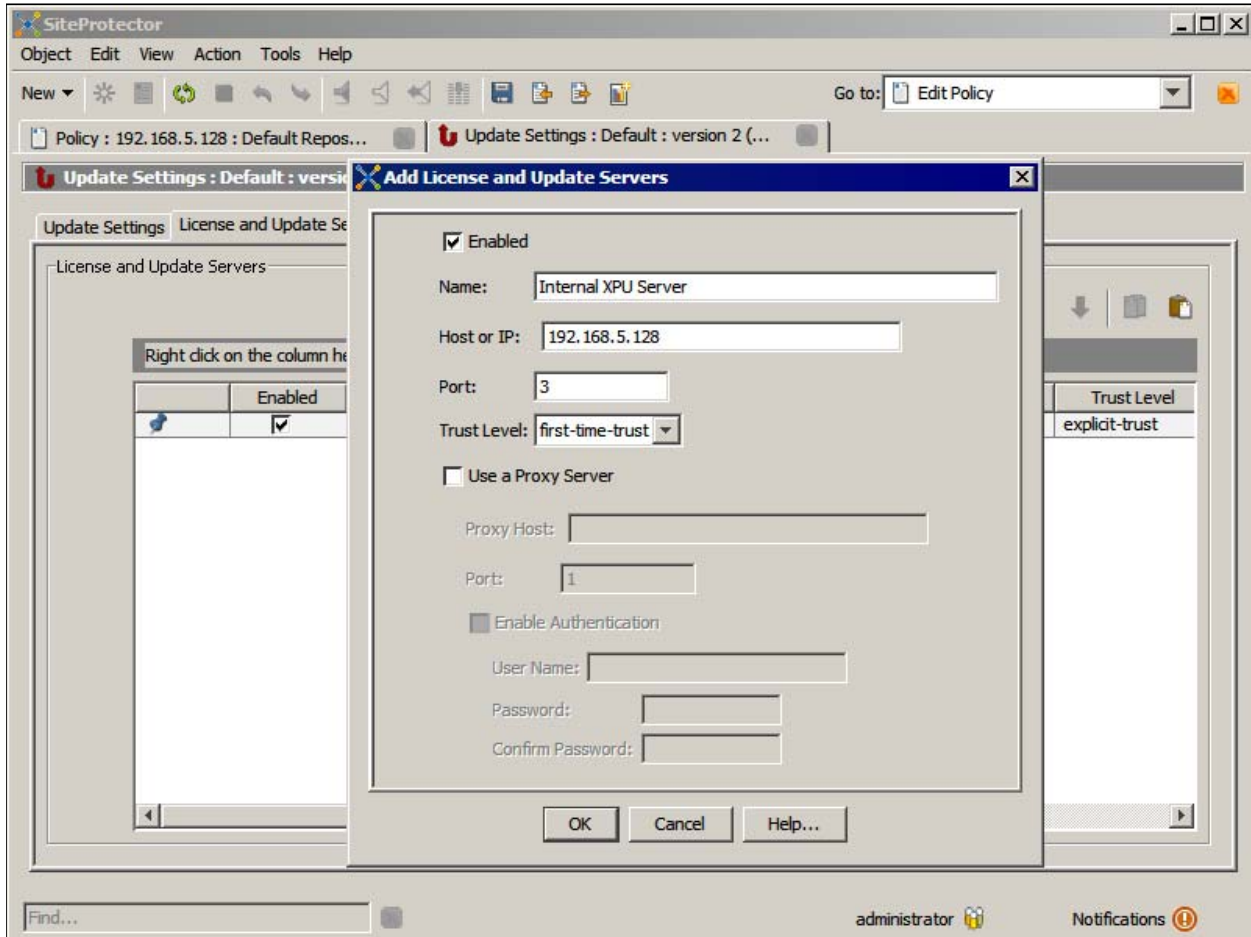
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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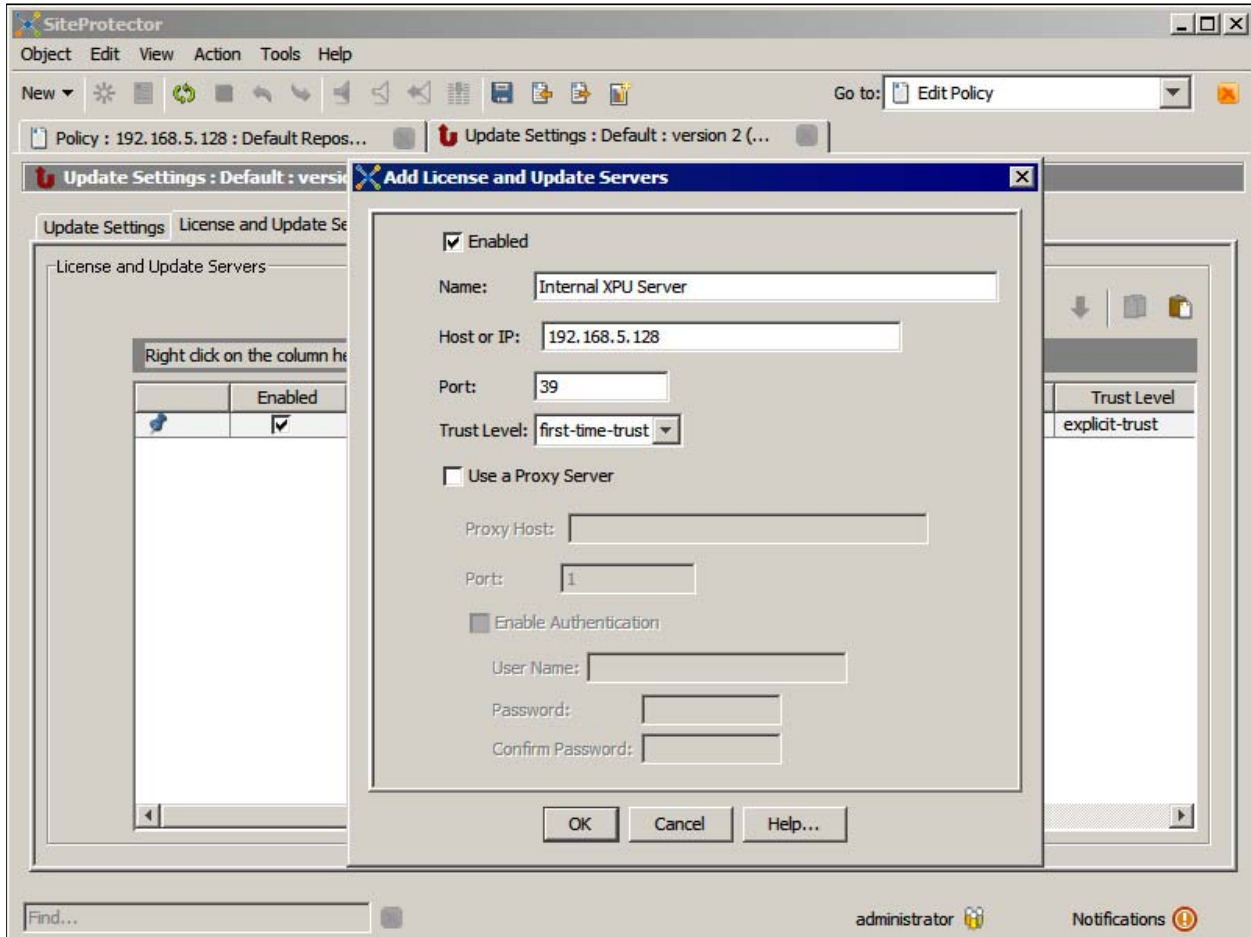
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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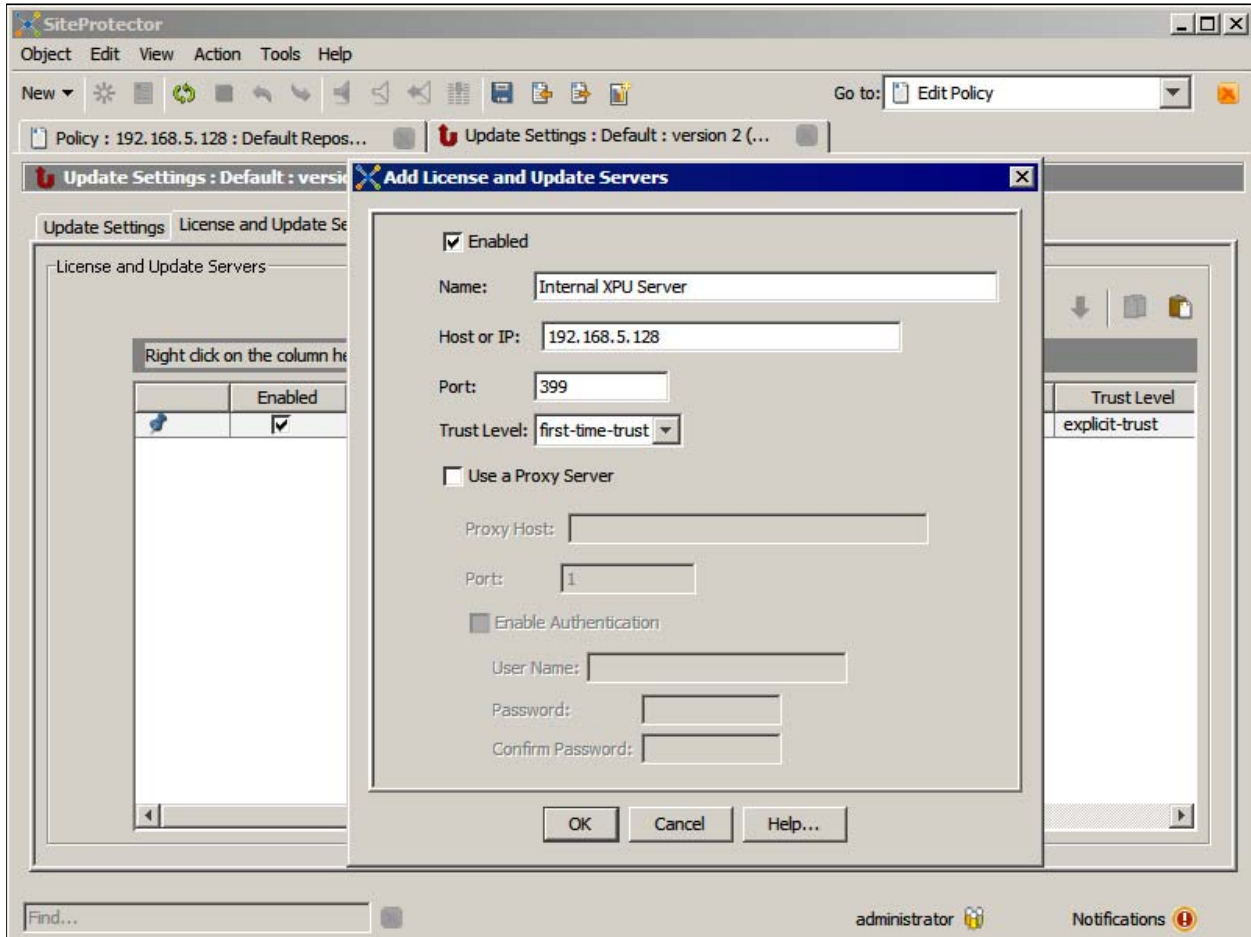
# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

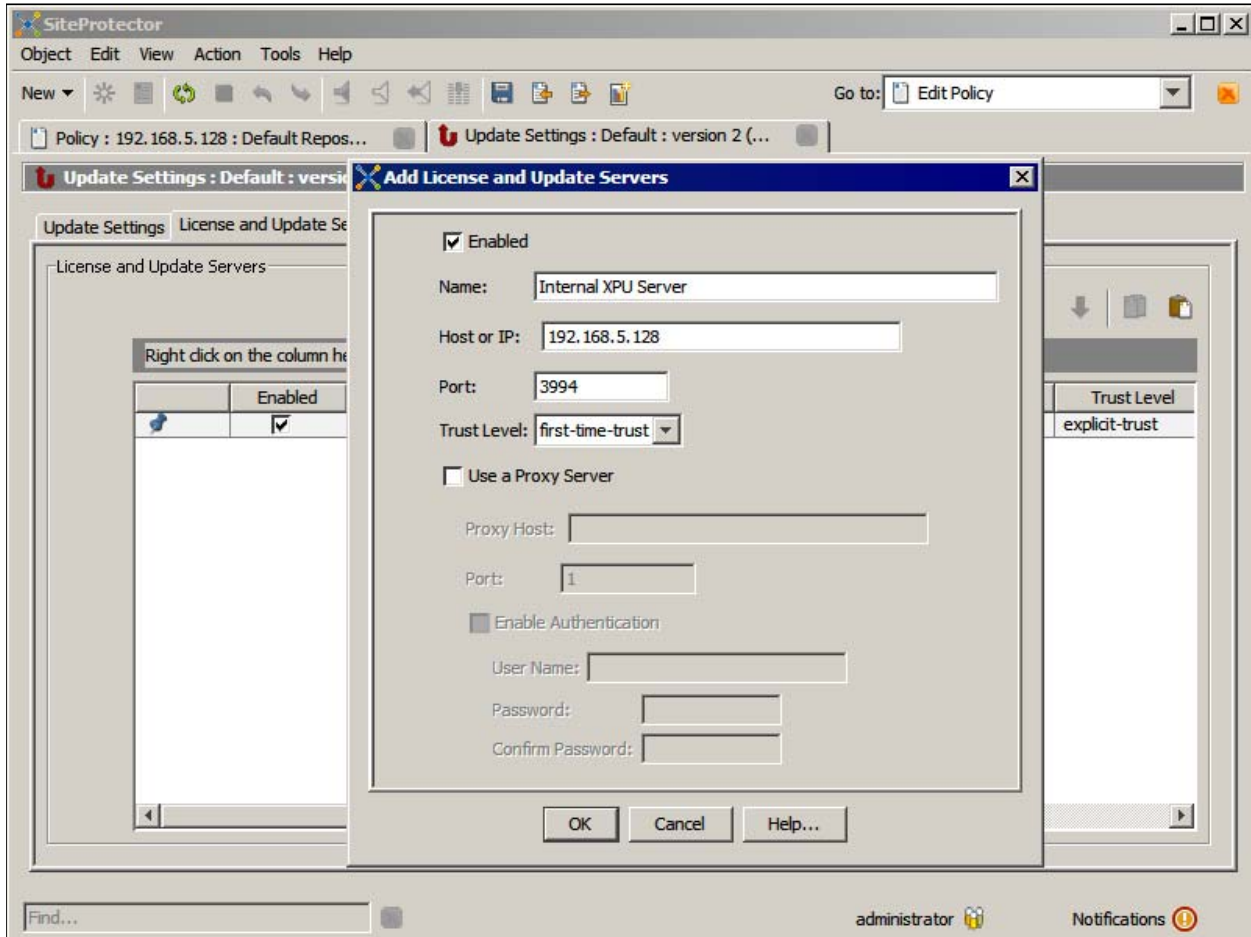
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# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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SiteProtector

Object Edit View Action Tools Help

New [Icons] Go to: Edit Policy

Policy : 192.168.5.128 : Default Repos... Update Settings : Default : version 2 (...)

Update Settings : Default : vers... Add License and Update Servers

Update Settings License and Update Se

License and Update Servers

Right click on the column he

Enabled

Select the appropriate Trust Level.

Enabled

Name: Internal XPU Server

Host or IP: 192.168.5.128

Port: 3994

Trust Level: first-time-trust

Use a Proxy Server

Proxy Host:

Port: 1

Enable Authentication

Trust Level

explicit-trust

The trust levels are:

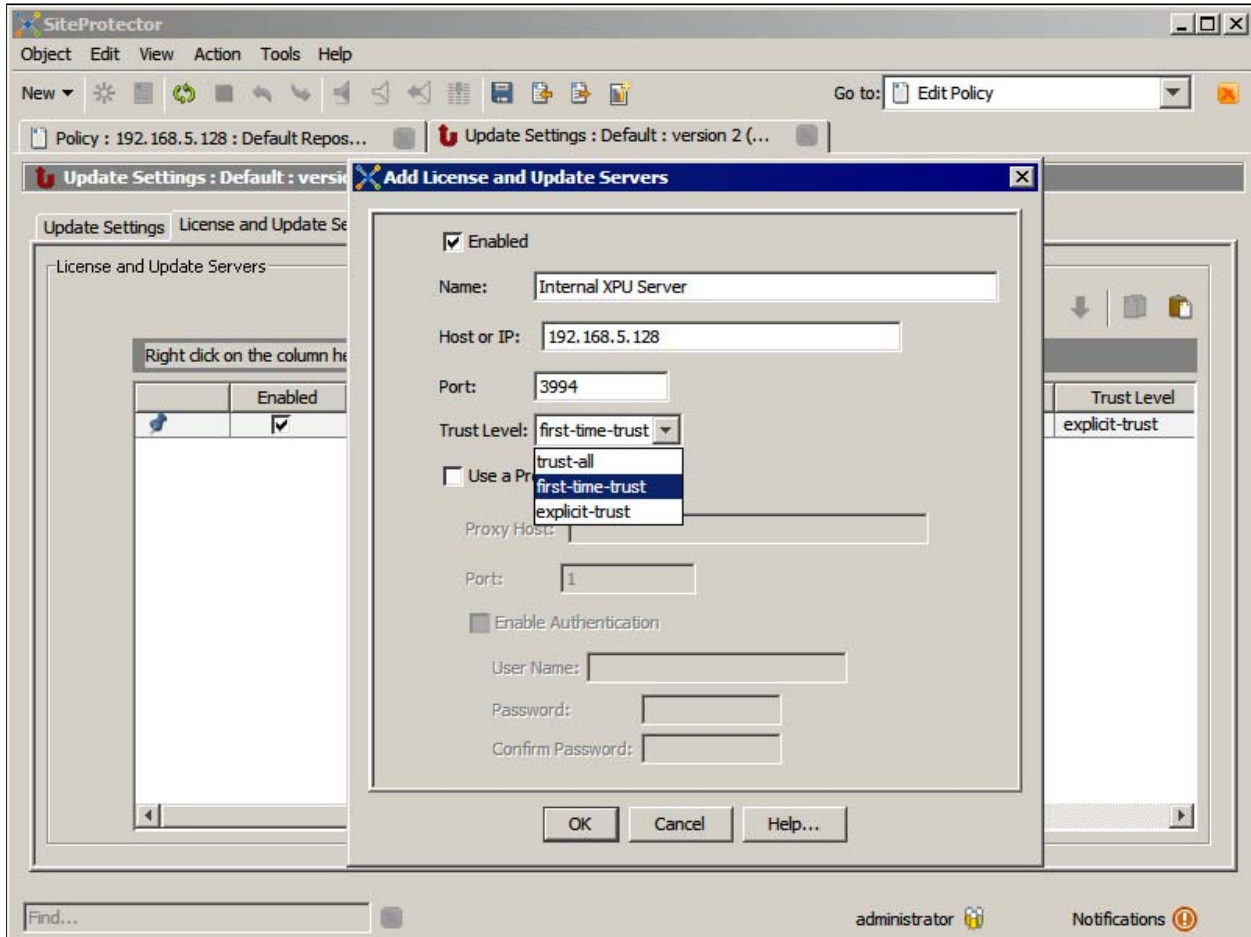
- trust-all**: the appliance trusts the server and no certificates are used for authentication
- first-time-trust**: the appliance trusts the server once and uses the server's certificate for future authentication
- explicit-trust**: the appliance uses the local certificate to authenticate the server

Find...

administrator [Icons] Notifications [Icon]

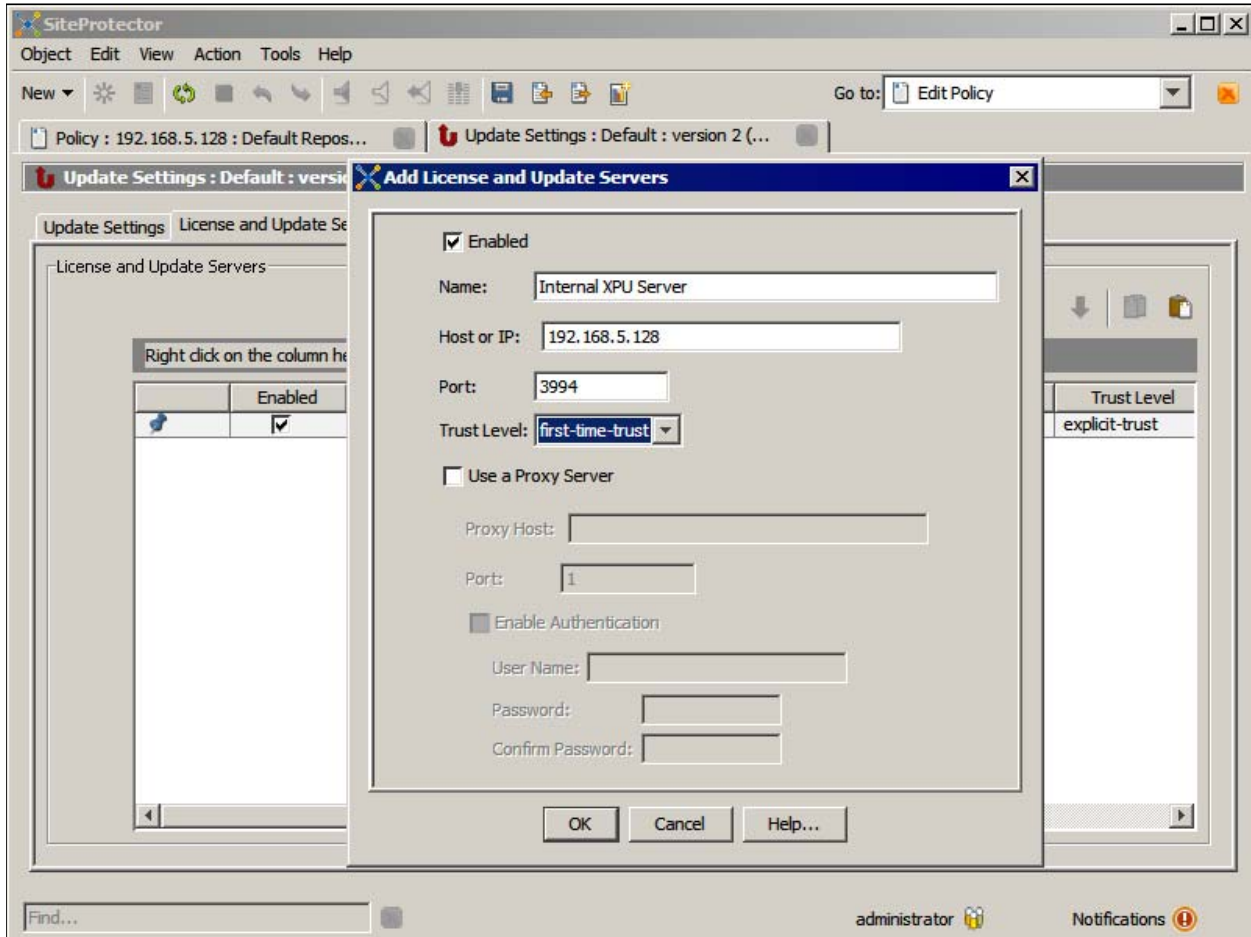
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# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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# IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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The screenshot shows the SiteProtector interface with the 'Add License and Update Servers' dialog box open. The dialog is titled 'Add License and Update Servers' and contains the following fields and options:

- Enabled
- Name: Internal XPU Server
- Host or IP: 192.168.5.128
- Port: 3994
- Trust Level: first-time-trust
- Use a Proxy Server
- Proxy Host: [empty field]
- Port: 1
- Enable Authentication
- User Name: [empty field]
- Password: [empty field]
- Confirm Password: [empty field]

At the bottom of the dialog are buttons for 'OK', 'Cancel', and 'Help...'. A yellow callout box on the left contains the text: 'If the XPU Server uses a proxy server, enable the **Use a Proxy Server** option and complete the appropriate fields.' Another yellow callout box at the bottom points to the 'OK' button with the text: 'Click OK.'

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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The screenshot shows the SiteProtector interface for configuring update settings. The main window is titled "Update Settings : Default : version 2 (Default Repository)". The "License and Update Servers" tab is selected, displaying a table of configured servers. A yellow callout box points to the "Internal XPU Server" entry, with the text: "Verify that Internal XPU Server is added to the **License and Update Servers** list."

Enabled	Name	Host or IP	Port	Trust Level
<input checked="" type="checkbox"/>	IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust
<input checked="" type="checkbox"/>	Internal XPU Server	192.168.5.128	3994	first-time-trust

Find... administrator Notifications

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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SiteProtector

Object Edit View Action Tools Help

Go to: Edit Policy

Policy : 192.168.5.128 : Default Repos... Update Settings

Update Settings : Default : version 2 (Default Repository)

Update Settings License and Update Servers Scheduled Installations

License and Update Servers

Right click on the column header to group by that column.

	Enabled	Name	Host or IP	Port	Trust Level
	<input checked="" type="checkbox"/>	IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust
	<input checked="" type="checkbox"/>	Internal XPU Server	192.168.5.128	3994	first-time-trust

The IBM Security Network IPS uses the *first* entry in the **License and Update Servers** list to obtain X-Press Updates. If the first entry is unavailable, the appliance moves to the next enabled entry on the list.

Find...

administrator

Notifications

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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The screenshot shows the SiteProtector application window. The title bar reads 'SiteProtector'. The menu bar includes 'Object', 'Edit', 'View', 'Action', 'Tools', and 'Help'. The toolbar contains various icons for file operations and navigation. The main window displays the 'Update Settings : Default : version 2 (Default Repository)' configuration. The 'License and Update Servers' tab is active, showing a table of configured servers.

Enabled	Name	Host or IP	Port	Trust Level
<input checked="" type="checkbox"/>	Internal XPU Server	192.168.5.128	3994	first-time-trust
<input checked="" type="checkbox"/>	IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust

At the bottom of the window, there is a search bar labeled 'Find...', a user indicator for 'administrator', and a 'Notifications' icon.



## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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The screenshot shows the SiteProtector management console. The main window is titled "Update Settings : Default : version 2 (Default Repository)". The "License and Update Servers" tab is active, displaying a table with the following data:

Enabled	Name	Host or IP	Port	Trust Level
<input checked="" type="checkbox"/>	Internal XPU Server	192.168.5.128	3994	first-time-trust
<input checked="" type="checkbox"/>	IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust

A callout box points to the "Enabled" checkbox for the "IBM ISS Default License and Update Server" row, containing the text: "To ensure that the appliance pulls updates from the Internal XPU Server only, clear the **Enabled** option for the **IBM ISS Default License and Update Server** option."

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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SiteProtector

Object Edit View Action Tools Help

Policy : 192.168.5.128 : Default Repos... Update Set

Update Settings : Default : version 2 (Default Repositor

Update Settings License and Update Servers Scheduled Installations Event Notification Advanced Parameters

License and Update Servers

Right click on the column header to group by that column.

	Enabled	Name	Host or IP	Port	Trust Level
<input checked="" type="checkbox"/>		Internal XPU Server	192.168.5.128	3994	first-time-trust
<input type="checkbox"/>		IBM ISS Default License and Update Server	xpu.iss.net	443	explicit-trust

Find... administrator Notifications

## IBM NIPS V4.4, Pulling updates from the X-Press Update Server

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### Summary

Now that you have completed the module, you can configure the Update Settings policy to pull updates from the X-Press Update Server

Now that you have completed the module, take a moment to review the module objectives.

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