

EXHIBIT 25

Creating IPS Signatures

To create an IPS signature:

1. Select Security Director > IPS Management.

The IPS Policies page appears with all IPS policies.

2. Click IPS Signature.

All IPS signatures that are downloaded appears in the View All IPS Signatures page, as shown in [Figure 1](#). This page displays the version of the signature database. The left pane displays the different categories of signature and the right pane displays the signatures.

Figure 1: View All IPS Signatures Page

Name	Severity	Category	Object Type	Recommended	Pre-defined/Custom
▶ Additional Web Services - Critical	Critical	SSL,FTP,WORM,GOP...	Dynamic Group	No	Pre-defined
▶ Additional Web Services - Info	Info	SSL,FTP,WORM,GOP...	Dynamic Group	No	Pre-defined
▶ Additional Web Services - Major	Major	SSL,FTP,WORM,GOP...	Dynamic Group	No	Pre-defined
▶ Additional Web Services - Minor	Minor	SSL,FTP,WORM,GOP...	Dynamic Group	No	Pre-defined
▶ Additional Web Services - Warning	Warning	SSL,FTP,WORM,GOP...	Dynamic Group	No	Pre-defined
▶ All Attacks			Static Group	No	Pre-defined
▶ Anomaly			Static Group	No	Pre-defined
▶ Anomaly - All			Dynamic Group	No	Pre-defined
▶ Anomaly - Critical	Critical		Dynamic Group	No	Pre-defined
▶ Anomaly - Info	Info		Dynamic Group	No	Pre-defined
▶ Anomaly - Major	Major		Dynamic Group	No	Pre-defined
▶ Anomaly - Minor	Minor		Dynamic Group	No	Pre-defined
▶ Anomaly - Warning	Warning		Dynamic Group	No	Pre-defined
▶ APP		APP	Static Group	No	Pre-defined
▶ APP - All		APP	Dynamic Group	No	Pre-defined
▶ APP - Critical	Critical	APP	Dynamic Group	No	Pre-defined
▶ APP - Info	Info	APP	Dynamic Group	No	Pre-defined
▶ APP - Major	Major	APP	Dynamic Group	No	Pre-defined
▶ APP - Minor	Minor	APP	Dynamic Group	No	Pre-defined
▶ APP - Warning	Warning	APP	Dynamic Group	No	Pre-defined

3. Click Create IPS Signature.

The Create IPS Signature page appears, as shown in [Figure 2](#).

Figure 2: Create IPS Signature Page



IPS Policy > IPS Signature > Create IPS Signature

Create IPS Signature

Name: Category: Action:

Keywords: Severity:

Description:

Signature Details | Supported Detectors

Binding: Time Scope: Match Assurance:

Protocol: Time Count: Performance Impact:

Add Signature

m01

Context: Direction:

Pattern: Regex: Negated:

4. Enter the name of the signature in the Name field.
5. Enter the category of the signature in the Category field.
6. Enter a keyword in the Keywords field.
7. Select the appropriate severity of the signature from the Severity drop-down menu.
8. Select the appropriate action for the signature from the Action drop-down menu.
9. Enter the description for this signature in the Description field.
10. Select the **Signature Details** tab from the Pattern Set page. Enter the following:
 - a. Select the appropriate option from the Attack Object Binding drop-down menu.
 - b. Select the appropriate option from the Time Scope drop-down menu.
 - c. Select the appropriate option from the Match Assurance drop-down menu.
 - d. Enter the name of the protocol in the Protocol field.
 - e. Enter the value of the time count in the Time Count field.
 - f. Select the Performance Impact check box if you want to do so.
 - g. Click the **Add Signature** button.
 - h. Select the appropriate option from the Context drop-down menu.
 - i. Select the appropriate direction from the Direction dropdown menu.
 - j. Enter appropriate information in the Pattern field.
 - k. Enter appropriate information in the Regex field.
 - l. Select the **Negated** check box if you want to do so.
 - m. Select the **Shellcode** check box if you want to do so.
 - n. Click the **Add Anomaly** button.
 - o. Select the appropriate anomaly from the Anomaly drop-down menu.



12. Click **Save**.

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