

# Creating a logging profile for Splunk

If you're using Splunk as a remote logging solution you can create a logging profile in ASM to store the log information on the reporting server using the key-value pair storage format.

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## To create a logging profile for Splunk

1. On the Main tab, expand **Application Security**, point to **Options**, and then click **Logging Profiles**.  
The Logging Profiles screen opens.
2. Above the Logging Profiles area, click the **Create** button.  
The Create New Logging Profile screen opens.
3. For the **Configuration** setting, select **Advanced**.  
The screen refreshes to display additional settings.
4. For the **Profile Name** setting, type a unique name for the logging profile.
5. Select the **Remote Storage** check box, and for the **Type** setting, select **Reporting Server**.  
The screen displays additional settings.
6. If you do not want data logged locally as well as remotely, click to clear the **Local Storage** check box.
7. For the **Protocol** setting, select the protocol that the remote storage server uses: **TCP** (the default setting), **TCP-RFC3195**, or **UDP**.
8. For the **Server IP** setting, type the IP address of Splunk server.
9. For the **Server Port** setting, type a port number or use the default value, **514**.
10. To ensure that the system logs requests for the web application (when logging locally as well as remotely), select the **Guarantee Logging** check box.  
*Note: Enabling this setting may slow access to the associated web application.*
11. Optionally, adjust the maximum request, header, query string size, and maximum entry length settings. (Refer to online help for details on the settings.)
12. If you want the system to log details (including the start and end time, number of dropped requests, attacking IP addresses, and so on) about brute force attacks, DoS attacks, IP enforcer attacks, or web scraping attacks, select the **Report Detected Anomalies** box.
13. Click the **Create** button.  
The screen refreshes, and displays the new logging profile on the Logging Profiles screen.
14. Assign the logging profile you've created to your web application. On the Main tab, expand Application Security, point to Web Applications, and then select the Web Application you want to assign the logging profile to.  
**Web Application Properties** screen opens.  
Select the logging profile you've created in the **Logging Profile** drop down menu, click **Save** button and **Apply Policy**