

## Overview

As a user of CyberArk Privileged Session Manager (PSM), you'll sometimes want to run custom code before the PSM session begins or after the session ends. By running custom code, you can obtain account and session properties. For example: You can run custom code to obtain a session's start time and the connecting user, storing these details in an external system. You can also run custom code to comply with an organizational policy by notifying your organization's security team when a session ends. Once notified, the security team can take appropriate steps to adhere to corporate security activities and workflows.

### Account and Session Properties

By running custom code, PSM can expose any of the account and session properties identified in the below table.

Account Properties	Session Properties
<ul style="list-style-type: none"><li>• Address</li><li>• DeviceType</li><li>• PolicyID</li><li>• AccountSafeName</li><li>• UserName</li><li>• Client specific and user parameter settings used by the client to connect the session.</li></ul>	<ul style="list-style-type: none"><li>• PSMSessionUUID</li><li>• PSMSessionStartTime</li><li>• PSMSessionEndTime (only in <b>post-disconnect.exe</b>)</li><li>• AccessReason</li><li>• PSMSourceAddress</li><li>• SelectedConnCompID</li><li>• PSMClientApp</li><li>• Details of the PSM server, such as: PSMComponentFolder PSMComponentsLogFolder</li><li>• Properties of the ticketing integration, such as: TicketID, TicketingSystem, and TicketingAudit</li></ul>

### Executable Files

Your custom code is defined in the following executable files:

- **pre-connect.exe** - At the beginning of each session, PSM automatically searches for this file. If PSM finds the file, the executable specifies the custom code to run.
- **post-disconnect.exe** - After disconnecting from a session, PSM automatically searches for this file. If PSM finds the file, the executable specifies the custom code to run.

**Action:** You must manually place the executable files in the **PSM\Components** folder. The files are not included in this folder by default.

### PSM Session Flow

Refer to the below diagram to learn where you can insert the executable files into the PSM session flow.

