

<b>SESSION TITLE</b>	The Little JPEG that Could (Hack Your Organization)
<b>SESSION QUICK ABSTRACT</b>	A live hack with a specially crafted JPEG picture that circumvents the security mechanisms of a modern Microsoft Windows server 2012R2 Webserver and then further attacks to compromise and entire domain
<b>SESSION SHORT ABSTRACT</b>	<p>In this awareness session, Marcus Murray will demonstrate a live hack where he uses a specially crafted JPEG picture to circumvent the security mechanisms of a modern Microsoft Windows server 2012R2 Webserver.</p> <p>He will also use this foothold to leverage elevated privileges to expand influence over the entire network and compromise a Windows Server 2012 R2 Domain Controller.</p>
<b>SESSION DETAIL</b>	<p>A Live demo session</p> <p>Initially a sophisticated attack using a legit JPG file to compromise a webserver.</p> <p>Then further attacks targeting a MSSQL Database application then further attacks in order to compromise an entire Windows Server 2012R2 Domain.</p> <p>A summary and strategic countermeasures.</p> <p>Key learnings:</p> <ul style="list-style-type: none"> <li>• How attackers can use seemingly legitimate files to open the door to your network</li> <li>• How unchecked privileged accounts can provide attackers with a free ride to critical systems and data</li> </ul>

- Which countermeasures you can take to increase security in your environment.

This is a must-see session for anyone responsible for reducing IT security risks in his or her organization.