So You Think Nobody Can Hack Your Mainframe, Think Again!

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But we didn't really start until 1974

- September 1974 to be precise.....
- The start of the Share Security Project
- Are you still awake ??? ©
- Name three films from 1974?
 - Godfather II
 - The Texas Chainsaw Massacre
 - The Man With The Golden Gun
 - The Towering Inferno
 - Death Wish
- To name but a few
- But my favourite is























Why would we show you how to do this?

- Well the idea is to show you what the bad guys would do.....
- If they had chance....
- And also highlight what some of the common issues are and how they could be exploited























- So the next time TSGMW logs onto the system any command entered into mycmd...game over....
- I can even cover my tracks my resetting the ISPF stats to show another userid having last changed ISPFCL and MYCMD
- It appears that TSGJP was last to update these members...



- We see this everywhere we go....
- Recent Audit revealed over 250 users with update authority to at least ONE APF authorised library
- · May ways to find the list of APF Authorised libraries
 - ISRDDN
 - IPLINFO REXX Exec
 - TASID
 - ...and many more.....











General Resource Profiles in WARNING Mode

- Following on from the APF theme...what about if I don't have the required access to an APF authorised library?
- Well can I ADD my own library to the APF list?
- Could I update PARMLIB and wait for the next IPL?
- Could I update PARMLIB and dynamically add an APF authorised library?
- What about if I have access to MVS.SETPROG.** or even ** in the OPERCMDS Class











- So as you can see its not that difficult after all
- If you want to really protect your enterprise you need to go on the offensive
- You need to start thinking like the bad guys
- What we have covered today is the simple stuff....
- There is so much more we could look at:
 - Poorly coded SVC's
 - Code Vulnerabilities from vendors or internally written APF authorised code
- But with the right tools, skills and sheer bloody mindedness then you can defend yourself
- Honest I

















