Advanced Windows Scripting Introduction

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**001 Instructor: All right, everyone. Welcome to Advanced Windows Scripting.

As you’ll see as we go through this, scripting’s a great way to automate things and make your life easier. And as a lazy hacker, automation is good. So a lot of the topic or a lot of the techniques that we’ll talk about in the class kind of stem from that and how to apply that, so we’ll talk about that.

Instructor: It’s about taking very repetitive things or things that you need to do over and over again and automating those. Or
taking things that you want to make sure you get right and not botch. Like, if you're doing password checking, you want to make sure you don't screw it up and lock everybody out of your, you know, the Windows domain or something like that. So scripting's a really good tool for all of that. And I think as we go through the class we'll talk a lot about how to go about doing that.

**Agenda**

**Advanced Windows BATCH Scripting**
- Discuss advanced syntax
- Covers output manipulation
- Exercises involving penetration testing tasks

**Visual Basic Scripting (VBS)**
- Discuss syntax and structure for VBS
- Compare/contrast VBS to Windows BATCH scripts

**Visual Basic for Applications**
- Covers methods for interacting with the Windows Application Programming Interface (API) through VBS

**002 For the agenda today, we're going to start off with Windows BATCH Scripting. We'll talk about some of the more advanced concepts to that. To say, you know, Windows**
BATCH Scripting advanced or not, BATCH scripting overall is pretty basic, for lack of a better term. So to call it advanced, just recognize the fact that Windows BATCH Scripting, you’re working with a box and it’s very difficult to add more stuff to that box. And so this concept of basic versus advanced, well, we’re going to teach you how to do some more complex, I think is a better word, rather than advanced, but more complex tasks with Windows Scripting.

Then we'll talk about Visual Basic Scripting. So contrast that to Windows BATCH Scripting. We’ll talk about VBS. And then later we’ll talk about Visual Basic for Applications, and how you can interact with things like Microsoft Word and the Office applications, all from within the scripting environment.
**004 Things that you should learn from this class.** At the first part of the class we'll talk about redirection, piping, input/output, stringing multiple commands together and how to kind of put the basic blocks of Windows BATCH Scripting together to do more complex stuff.

Later we'll talk about Visual Basic Scripting, fundamentals of how to do that, what you can actually access with it, how to integrate BATCH Scripting with Visual Basic Scripting, and then we'll talk more about Visual Basic for Applications, how to access the API from Windows and how to do Office automation. Again, using things like PowerPoint, Word Excel.
Questions

Any questions before we begin?

**005 Any questions before we get rolling here?
**006 Okay. And the requisite copyright notice for all of the presentations.**