**Powershell Coding Standard**

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***Standardization is Important***

**Names**:

**Cmdlet & Function Name**

*A quick note. A True cmdlet is written and compiled, usually is C#, however we will simulate Cmdlets through the use of functions and for the purposes of this document they are one and the same.*

* Use a Specific Verb-Noun that makes sense for a function Name
* Use useful prefixes for function

Verb-Nouns used in function naming need to be very specific so that the user can discover your functions. Prefix generic nouns such as "server" with a shortened version of the product name. For example, if a noun refers to a server that is running an instance of Microsoft SQL Server, use a noun such as "SQLServer". The combination of specific nouns and the short list of approved verbs enable the user to quickly discover and anticipate functionality while avoiding duplication among function names.

* function name should be singular

For example, use the name **Get-Process** instead of **Get-Processes**. It is best to follow this rule for all function names, even when a function is likely to act upon more than one item.

* Use Pascal Case for function Names

Use Pascal case for parameter names. In other words, capitalize the first letter of verb and all terms used in the noun. For example, “Clear-ItemProperty”.

* Use Standard Parameter Names when possible

Please see <https://msdn.microsoft.com/en-us/library/dd878352%28v=vs.85%29.aspx> for the Microsoft standard names or see Common Parameter Names V# <date>.pdf that should be accompanying this document

Variable Names: