# Index of functions in the SaaS in a Box PowerShell modules

## AppVersionSpecific.psm1

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| Function Name | Synopsis |
| Get-UserConfig | Returns user-specific configuration values for the Resource Group Name and User used when deploying the WTP application. IMPORTANT: File must be manually edited to input these values before using any PowerShell scripts. |

## CatalogAndDatabaseManagement.psm1

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| Function Name | Synopsis |
| Add-ExtendedTenantMetaDataToCatalog | Adds extended tenant meta data associated with a mapping using the raw value of the tenant key |
| Add-TenantDatabaseToCatalog | Registers a tenant database in the catalog, including adding the tenant name as extended tenant meta data. |
| Find-TenantNames | Finds names of tenants that match an input string. |
| Get-Catalog | Initializes and returns a catalog object based on the catalog database created during deployment of the WTP application. |
| Get-DatabasesForTenant | Returns the active and any restored tenant databases for specified tenant. |
| Get-NormalizedTenantName | Validates and normalizes the name for use in creating the tenant key and database name. Removes spaces and sets to lowercase. |
| Get-Tenant | Returns a Tenant object for a specific tenant key is registered. |
| Get-TenantDatabaseForRestorePoint | Returns the database that was active for a given tenant at the input time. |
| Get-TenantDatabaseLocations | Retrieves the server and database name for each database registered in the catalog. |
| Get-TenantNameFromTenantDatabase | Retrieves the venue name from a specified tenant database. |
| Get-TenantRawKey | Returns the raw key used within the shard map for the tenant. Returned as an object containing both the byte array and a text representation suitable for insert into SQL. |
| Initialize-TenantDatabase | Initializes the Venue name and other Venue properties in the database and resets event dates on the default events. |
| New-TenantDatabase | Creates a tenant database and imports the tenant initialization bacpac using an ARM template, then updates the Venue information and with the default VenueType. Requires tenantdatabasetemplate.json. |
| Open-TenantResourcesInPortal | Opens tenant-related resources in the portal. |
| Remove-CatalogInfoFromTenantDatabase | Removes tenant info from local shard map |
| Remove-ExtendedTenantMetaDataFromCatalog | Adds extended tenant meta data associated with a mapping using the raw value of the tenant key |
| Remove-Tenant | Removes tenant from catalog and its associated database |
| Remove-TenantDatabaseForRestore | This deletes the active database for tenant while leaving the tenant mapping untouched in the catalog. This assumes a new database will be created that has the same name, consistent with the mapping in the catalog for this tenant. |
| Rename-TenantDatabase | Renames a tenant database. If no database object is specified, it will choose the current active tenant database |
| Set-TenantOffline | Marks a tenant as offline in the Wingtip tickets tenant catalog |
| Set-TenantOnline | Marks a tenant as online in the Wingtip tickets tenant catalog |
| Test-TenantKeyInCatalog | Tests if a tenant key is registered. Returns true if the key exists in the catalog (whether online or offline) or false if it does not. |
| Test-ValidName | Validates a name contains only legal characters |
| Test-ValidNameFragment | Validates a name fragment contains only legal characters |
| Test-ValidVenueType | Validates a venue type name contains only legal characters |

## SubscriptionManagement.psm1

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| Function Name | Synopsis |
| Initialize-Subscription | If not currently logged in to Azure, prompts for login and selection of subscription to use. |

## AppVersionSpecific.psm1

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| Function Name | Synopsis |
| Get-Configuration | Returns default configuration values that will be used by the Wingtip Tickets Platform application |
| Get-TenantKey | Returns an integer tenant key from a normalized tenant name for use in the catalog. |