Znode v9.6.4 Breaking Changes		
Project Name	**File/ Method/ Property/ Table/ SP Name**	**Breaking Changes**
Znode.Webstore.Core	File Name: PortalAgent.cs Method Name: ChangeLocale	The cache clearing code from ChangeLocale method of LocalAgent is no longer required as localeId is considered to vary the webstore cache.
Znode.Engine.Api	File Name: Web.config Key Name: CacheIndexBaseName	The value of the Key is changed to "cache-dev-".
Znode.Engine.Api	File Name: Web.config Key Names: 1. CacheIndexBaseName 2. CacheMetricRecordingEnabled 3. CachePollFrequencyInMilliseconds 4. CacheEventProcessingDelayInMilliseconds 5. CloudflareCacheEventProcessingDelayInMilliseconds	New keys were added in the config for cache eviction.
Znode.Engine.WebStore	File Name: Web.config Key Name: CacheIndexBaseName	The value of the Key is changed to "cache-dev-".
Znode.Engine.WebStore	File Name: Web.config Key Names: 1. ElasticSearchRootUri 2. CacheIndexBaseName 3. CacheMetricRecordingEnabled 4. CachePollFrequencyInMilliseconds 5. CacheEventProcessingDelayInMilliseconds	New keys were added in the config for cache eviction.
Znode.Api.Caching Znode.Libraries.Caching.Events Znode.WebStore.Caching Znode.Cloudflare.Caching	-	Three new projects are added in the Libraries folder for API caching, Webstore caching and Caching Events and Cloudflare caching.
Znode.Admin.Core	File Name: StoreAgent Method Name: ClearApiCache	The mentioned method has been removed and instead, ClearApiCache cache eviction is used.
Znode.Engine.Api.Client	File Name: PortalClient Method Name: ClearApiCache	The mentioned method has been removed.
Znode.Admin.Core	FileName: ClearCacheHelper	Cache eviction is used to clear cache.
Service	File Name: BaseService Method Name: GetPublishedPortals	Previously the method used to return a string value, and now its return the integer array.
Admin	File Name: StoreController Method Name: ClearDemoWebsiteCache	The mentioned method has been removed.
Znode.Libraries.ECommerce.Utilities	FileName: CachedKeys	The mentioned file has been added to store the cache keys.
Znode.Libraries.ECommerce.Utilities	FileName: HelperUtility	The mentioned method has been removed.

Znode v9.6.4 Breaking Changes		
Project Name	**File/ Method/ Property/ Table/ SP Name**	**Breaking Changes**
Znode.WebStore.Core	File Name: CategoryController Method Names: TopLevelList, CategoryContent and FooterMenu	Output cache has been applied for TopLevelList and CategoryContent child actions of CategoryController to overcome the flaws/issues that exist in Donut caching. In Znode fine food theme, category list in footer section has been rendered through TopLevelList child action which is not allowed in case of Output caching therefore new child action has been created with name FooterMenu. Constraint: Output Cache is not allowed on child actions which are children of an already cached child action.
Znode.WebStore.Core	File Name: CategoryController Method Name: HomeContent and FooterContent	Previously, Donut cache was used to cache the result of HomeContent and FooterContent actions of CategoryController. Now, Output cache will be used for the mentioned actions.
Znode.WebStore.Core	File Name: DynamicContentController Method Name: GetDynamicStyles	Dynamic styles for views are now fetched from DynamicStyle property of CurrentPortal so GetDynamicStyles action is no longer required.
Znode.Engine.Services	File Name: ShoppingCartService.cs Method Name: GetCartInsufficientQuantityCount	In this method, a condition to check the quantity for child products has been removed for a scenario when the parent product is a Bundled Product.
Znode.Webstore.Core	File Name: PaymentAgent.cs Method Name: GetPaymentSetting	GetPaymentSetting method of PaymentAgent class now will return the paymentSettingModel if the IsCallToPaymentAPI property is false.
Znode.Engine.Admin	File Name: Products.ts Method Name: UnassociatedProductsChange	UnassociatedProductsChange function of Products.ts will be called only on unassociated product's checkbox change event instead of ajaxComplete function of jQuery.
Znode.Engine.Admin	File Name: Web.config Key Name: GenericParserImportMaxBufferSize	Custom Value for GenericParserImportMaxBufferSize key is added to update the default value of GenericParser while importing the large content.
Databse Script	Table Name: ZnodeAttributeInputValidationRule Table Name: ZnodeMediaAttributeValidation	In ZnodeAttributeInputValidationRule and ZnodeMediaAttributeValidation, new entries for file extensions are added
Znode.Api.Core	File Name: DependencyRegistration	As per the new implementation, ZnodeEmail file will be utilized through dependency injection and for the same, its dependency is registered in the DependencyRegistration class.
Znode.Libraries.ECommerce.Utilities	File Name ZnodeEmail.cs Method name: SendEmail	Usage of SendEmail method of ZnodeEmailBase class is removed and is marked as obsolete
Znode.Libraries.Framework.Business	File Name: ZnodeEmailBase.cs Method name: SendEmail(both overloads), DeleteAttachedFile, BuildEmailMessage and SendMailByPortalId.	All email related methods which were present in ZnodeEmailBase class have been moved in ZnodeEmail class therefore following method of ZnodeEmailBase class are marked as obsolete: SendEmail(both overloads), DeleteAttachedFile, BuildEmailMessage and SendMailByPortalId.
Znode.Engine.Api.Models	File Name: ShoppingCartModel	SkipShippingCalculations and ShippingOptions properties have been added to specify whether shipping agent call should be skipped or not and to save applicable shipping options in shopping cart model respectively.
Znode.Engine.Api.Models	File Name: ShippingOptionModel	ShippingOptionModel model is added to hold the shipping option details. A new property with name ShippingOptions have been added in shopping cart model of type ShippingOptionModel list.
Znode.Libraries.ECommerce.Entities	File Name: ZnodeShoppingCart	SkipShippingCalculations and FreeShipping properties have been added to specify whether shipping agent call should be skipped or not and to determine whether free shipping is applicable or not.

Znode v9.6.4 Breaking Changes		
Project Name	**File/ Method/ Property/ Table/ SP Name**	**Breaking Changes**
Znode.Libraries.Hangfire		A project is added in the Libraries folder for Hangfire implemtation.
Znode.Engine.API	File Name: Web.config Key Names: 1. EnableHangfire 2. EnableHangfireDashboard 3. HangfirePrepareSchemaIfNecessary 4. HangfireQueuePollInterval 5. HangfireCommandBatchMaxTimeout	New keys were added in the config for Hangfire implementation. EnableHangfire is the key which is responsible for executing the jobs through Hangfire server.
Znode.Engine.API	File Name: Startup.Hangfire	A new file has added for Hangfire configuration
Znode.Engine.API	File Name: Startup.cs Method Name: Configuration	Code changes has been added for Hangfire configuration
Znode.Api.Core	File Name: DependencyRegistration	A new file has added for Hangfire configuration
Znode.Api.Core	File Name : PassThroughDashboardAuthorizationFilter	A new filter has been added for skipping Hanfire authorization since our API are publicly exposed
Znode.Api.Core	File Name: NoLoggingLogger, NoLoggingProvider	These files have been added to maintain the logs depending upon the log level in Hangfire configured jobs execution. In the current implementation only errors will get logged in server when Hangfire process is running
Znode.Engine.Services	File Name: UserLoginHelper Method Name: GetUserDetails	A new method GetUserDetails has been introduced in place of GetUser, CurrentMethod which gets AspNetZnodeUser, RoleName, PermissionAccess, PublishCatalogId to improve the performance.
Znode.Engine.Services	File Name: OrderService Method Name: GetOrderReceiptByOrderId	Instead of multiple database calls, a new SP has been created which return values of OrderDetail, ZnodeShipping, OrderLineItems, ZnodeOmsOrderState in same SP call.
Znode.Admin.Core	File Name : CustomerController.cs Method Name: CustomerEdit	In this method now GetCustomerAccountDetails() method has been called to get details instead of GetCustomerAccountById(). Also, in GetCustomerAccountdetails() method, a new SP Znode_AdminUserDetailsByUserId has been called to get the user details in manage user instead of Znode_AdminUsersByUserId.
Znode.Engine.Services	File Name : UserService.cs Method Name: GetAndBindUserData	In this method now GetUserListForWebstore() method has been called in Edit Profile (web store) for saving changes instead of GetUserList(). Also, in GetUserListForWebstore() method, a new SP Znode_AdminUsersEditProfile has been called to get the user details in Edit Profile (web store) of Znode_AdminUsersByUserId.
Znode.WebStore.Core	File Name :CheckoutAgent Method Name : PaymentOptions	Cache is implemented in the PaymentOptions method which will be used to get the payment list. Data will be fetched from cache so there will be a need to clear cache if any method changes.

Znode v9.6.4 Breaking Changes		
Project Name	**File/ Method/ Property/ Table/ SP Name**	**Breaking Changes**
Znode.WebStore.Core	File Name :PaymentAgent Method Name : GetPaymentDetails	Cache is implemented in the GetPaymentDetails method which will be used to get the payment details. Data will be fetched from cache so there will be a need to clear cache if any method changes.
Znode.Engine.Services	File Name :ShoppingCartService Method Name : GetCartCount	Linq calls from the GetCartCount method are removed and instead, Znode_GetOmsSavedCartLineItemCount stored procedure will be called to get the cart count.
Znode.Engine.Api.Models	File Name : AddToCartStatusModel	AddToCartStatusModel model has been added to store the output of the addtocart method that consists of cart count, savedCartId and status.
Znode.Libraries.Admin	File Name :ZnodeOrderHelper Method Name : SaveAllCartLineItemsInDatabase	A new overload method SaveAllCartLineItemsInDatabase has been added and additional calls (like fetch SavedCartId and cart count) are removed. The required data will be returned from the stored procedure directly
Znode.Libraries.ECommerce.ShoppingCart	File Name : ZNodeShoppingCart Method Name : SaveAddToCartData	The SaveAllCartLineItemsInDatabase overload method will be called to save the cart line items.
Znode.Engine.Api.Models	File Name: ShoppingCartModel	SkipShippingCalculations and ShippingOptions properties have been added to specify whether shipping agent call should be skipped or not and to save applicable shipping options in shopping cart model respectively.
Znode.Engine.Api.Models	File Name: ShippingOptionModel	ShippingOptionModel model is added to hold the shipping option details. A new property with name ShippingOptions have been added in shopping cart model of type ShippingOptionModel list.
Znode.Engine.Shipping	File Name : ZnodeShippingHelper Method Name : GetShippingRuleList	Linq calls have been removed from the GetShippingRuleList method. The call to Znode_GetShippingRuleDetails stored procedure has been added to get shipping rule.
Znode.Engine.Services	File Name : IZnodeShippingCartMap File Name : ZnodeShippingCartMap	New files have been added to map the shopping cart limited data when shipping methods are fetched.
Znode.Libraries.ECommerce.Entities	File Name: ZnodeShoppingCart	SkipShippingCalculations and FreeShipping properties have been added to specify whether shipping agent call should be skipped or not and to determine whether free shipping is applicable or not.
Znode.Engine.Services	File Name : UserService Method Name : SendResetPassword	SendResetPassword method has been modified to call Send Email method in asynchronous manner.
Znode.Libraries.ECommerce.Utilities	File Name : UserService Method Name : SendEmail	New method SendEmail has been added to accept "ZnodePortalSmtpSetting" model which allows async operation.
Znode.WebStore.Core	File Name : CategoryController Method Name : GetMegaMenuList	Previously, Donut cache was used to cache the result of GetMegaMenuList action of CategoryController. Now, Output cache will be used for the mentioned action.
Znode.WebStore.Core	File Name : ProductController Method Name : BriefContent and DetailsContent	Previously, Donut cache was used to cache the result of BriefContent and DetailsContent actions of ProductController. Now, Output cache will be used for the mentioned actions.
Znode.WebStore.Core	File Name : ContentPageController Method Name : ContentPageContent	Previously, Donut cache was used to cache the result of ContentPageContent action of ContentPageController. Now, Output cache will be used for the mentioned action.