Project/Model/Module Name	File/Method Name	Breaking Changes
Import	Web.config	If key is used then you need to provide the full patch of network
All Application	Web.config(Admin/API/Webstore)	Application Initialization setting should used only when IIS preload setting is true
All Application	SessionHelper	Session related changes are done for storing in SQL. This may impact session get and storing functionality.
Znode.Libraries.Admin	GetDataForCartLineItems method of IPublishProductHelper	Added optional parameter
Znode.Libraries.Admin	GetDataForCartLineItems method of PublishProductHelper	Added optional parameter
Znode.Webstore.Core	AccountAddress Action of CheckoutController	Added optional parameter
Znode.Engine.Services	OrderService.cs	Changed method name from CancleOrderAmount to CancelOrderAmount.
Znode.Engine.Services	OrderService.cs	Added optional parameter in IsReturnAllItems method.
Znode.Engine.Services	OrderService.cs	Added optional parameter in ReturnShippingAmount method.
Znode.Engine.Services	OrderService.cs	Added optional parameter in GetShippingCostForReturnedItem method.
Znode.Admin.Core	OrderAgent.cs	CapturePayment method with below mentioned signature is marked Obsolete: bool CapturePayment(int OmsOrderId, string paymentTransactionToken, bool isUpdateOrderHistory, out string errorMessage)
Znode.Admin.Core	OrderAgent.cs	CapturePayment method with below mentioned signature: BooleanModel CapturePayment(string paymentTransactionToken)
Znode.Admin.Core	OrderAgent.cs	Added one parameter in VoidRefundPayment method and changed the return type to bool, updated signature is mentioned below: bool VoidRefundPayment(OrderModel orderModel, bool isSaveOrder, int? OmsOrderId = null)
Znode.Engine.Services	OrderService.cs	Added optional parameter in SaveOrder method with name isTaxCostUpdated.
Znode.Libraries.ECommerce.ShoppingCart	IZnodeCheckout, ZnodeCheckout	Added optional parameter in SubmitOrder method with name isTaxCostUpdated.
Znode.Libraries.ECommerce.ShoppingCart	IZnodeShoppingCart, ZnodeShoppingCart	Added optional parameter in PostSubmitOrderProcess method with name isTaxCostUpdated.
Znode.Engine.Services	IShoppingCartMap	Added optional parameter in ToZnodeShoppingCart method with name expands.
Znode.Engine.Services	ShoppingCartMap	Added optional parameter in ZnodeShoppingCart method with name expands.
Znode.Engine.Services	ShoppingCartMap	Added optional parameter in AddtoShoppingBagV2 method with name expands.
Znode.Libraries.ECommerce.ShoppingCart	IZnodeShoppingCart	Added optional parameter in LoadFromDatabase method with name expands.
Znode.Libraries.ECommerce.ShoppingCart	ZnodeShoppingCart	Added optional parameter in LoadFromDatabase method with name expands.

Project/Model/Module Name	File/Method Name	Breaking Changes
Znode.Webstore.Core	CartAgent: MapQuantityOnHandAndSeoNameForConfigurableProduct	Method Name has been changed from MapQuantityOnHandForConfigurableProduct to MapQuantityOnHandAndSeoNameForConfigurableProduct
Znode.Webstore.Core	CartAgent: MapQuantityOnHandAndSeoNameForGroupProduct	Method Name has been changed from MapQuantityOnHandForGroupProduct to MapQuantityOnHandAndSeoNameForGroupProduct
Znode.Webstore.Core	CartAgent: MapQuantityOnHandAndSeoNameForSimpleAndBundleProduct	Method Name has been changed from MapQuantityOnHandForSimpleAndBundleProduct to MapQuantityOnHandAndSeoNameForSimpleAndBundleProduct.
Znode.Webstore.Core	CartAgent: MapQuantityOnHandAndSeoName	Method Name has been changed from MapQuantityOnHand to MapQuantityOnHandAndSeoName
Znode.Webstore.Core	ICartAgent: MapQuantityOnHandAndSeoName	Method Name has been changed from MapQuantityOnHand to MapQuantityOnHandAndSeoName
Znode.Webstore.Core	CalculateShipping method of ICartAgen & CartAgent	Added optional parameter with name isCalculateCart in CalculateShipping method
Znode.Webstore.Core	GetBillingShippingAddress method of ICartAgen & CartAgent	Added optional parameter with name isCalculateCart in GetBillingShippingAddress method
Znode.Webstore.Core	GetAddressById method of ICartAgen & CartAgent	Added optional parameter with name isCalculateCart in GetAddressById method
Znode.Webstore.Core	RefreshAddressOptions, CartReview and GetAddressById actions of CheckoutController	Added optional parameter with name isCalculateCart
Znode.Engine.Api	web.config	For Vertex 7 to 9 upgrade basicHttpsBinding will be compulsory and endpoint address need to changed according to the Vertex 9 account.
Znode.Engine.API.Models	OrderShippingModel	New Property has been added - ShippingDiscountType.
Znode.Engine.API.Models	ShoppingCartModel	New Property has been added- IsCalculateRequired.
Znode.Engine.Service	OrderService - SetShoppingCartDataToCheckout	All properties have been changed from calculate call to directly mapping property.
Znode.Engine.Service	OrderService - SetCheckoutData	All properties have been changed from calculate call to directly mapping property.
Znode.Engine.Taxes	AvataxTaxSales.cs is changed to GetLine	Calculating Amount with UnitPrice instead of PromotionalPrice
Znode.Engine.Taxes	VertexTax.cs is changed to GetLine	Calculating extendedPriceAfterDiscount with UnitPrice instead of PromotionalPrice
Znode.Engine.Taxes	ZnodeTaxSalesTax.cs is changed to GetProductPrice	Calculating extendedPriceAfterDiscount with UnitPrice instead of PromotionalPrice
Znode.Engine.Api.Model	ShippingCartModel	Property IsCalculateRequired is updated to SkipCalculations
Znode.Engine.Service	ShoppingCartService is changed to GetListWithRates	New method introduced GetListWithRates
Znode.Engine.Shipping	FedExAgent is changed to CreateFreightRateRequest	New optional parameter introduced namely serviceType.
Znode.Engine.Shipping	FedExAgent is changed to CreateRateRequest	New optional parameter introduced namely serviceType.
Znode.Engine.Shipping	FedExAgent is changed to SetShipmentDetails	New optional parameter introduced namely serviceType.
Webstore Cart & Checkout	CartController & CheckoutController	We have added attribute to prevent caching of page on controller
Znode.Engine.Api.Client	UserClient - GetCustomerListForAdmin	New method GetCustomerListForAdmin introduced.
Znode.Engine.Service	UserService - GetUserListForAdmin	New method GetUserListForAdmin introduced.

Project/Model/Module Name	File/Method Name	Breaking Changes
Znode.Api.Core	UserController - GetCustomerAccountListForAdmin	New method GetCustomerAccountListForAdmin introduced.
Znode.Api.Core	UserCache - GetUserListForAdmin	New method GetUserListForAdmin introduced.
Znode.Libraries.Admin	ZnodeOrderHelper - ReturnOrderLineItems	ProductDiscountAmount has been added in sp.
Znode.Engine.Admin	GridFilterRazorHelper.cshtml	New view GridFilterRazorHelper.cshtml has been introduced.
Znode.Libraries.ECommerce.ShoppingCart	ZnodeShoppingCart.cs -> SetGroupAndConfigurableParentProductDetails	Assigning item.ProductDiscountAmount and item.DiscountAmount value for grouped product
Znode.Admin.Core	FilterHelpers.cs -> GetSetFiltersFromCookies	Removing cookies before set the cookies
Znode.Libraries.ECommerce.ShoppingCart	ZNodeShoppingCart.cs -> GetPublishProductModel	Added optional paramter.
Znode.Libraries.ECommerce.ShoppingCart	ZnodeShoppingCart.cs -> AddLineItemsInOrderLineItem	Added condition to assign shoppingCartItem.TaxCost to childLineItem. SalesTax id the orderlineitem value is Grouped product or Configurable product
Znode.Engine.Service	OrderService.cs -> BindReturnAmount	Subtracted the discount amount from return amount to get the same return amount as in order history
Znode.Libraries.ECommerce.ShoppingCart	ZnodeOrderReceipt.cs -> SetOrderAmountData	Added only Giftcard amount without concatinating with brackets.