Jira ID	Project Name	File/ Method/ Property/ Table/ Stored Procedure Name	Breaking Changes
		Znode v9.7.2 Breaking Changes	
ZPD-16462	Znode.Engine.Services	**File Name:** ShoppingCartMap.cs **Method Name:** ToZnodeShoppingCart	The key has been renamed from Cancelled to Canceled in ToZnodeShoppingCart method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** UpdateOrder	The key has been renamed from Cancelled to Canceled in UpdateOrder method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** UpdateReturnedOrderState	The key has been renamed from Cancelled to Canceled in UpdateReturnedOrderState method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** SaveHistoryAndUpdateOrderState	The key has been renamed from Cancelled to Canceled in SaveHistoryAndUpdateOrderState method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** CancelTaxTransaction	The key has been renamed from Cancelled to Canceled in CancelTaxTransaction method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** CancelOrderAmount	The key has been renamed from Cancelled to Canceled in CancelOrderAmount method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** IsQuoteValidForConvertToOrder	The key has been renamed from Cancelled to Canceled in IsQuoteValidForConvertToOrder method.
ZPD-16462	Znode.Engine.Services	**File Name:** OrderService.cs **Method Name:** GetPortalCartToMapCheckoutData	The key has been renamed from Cancelled to Canceled in GetPortalCartToMapCheckoutData method.
ZPD-16462	Znode.Engine.Services	**File Name:** QuoteService.cs **Method Name:** IsQuoteValidForConvertToOrder	The key has been renamed from Cancelled to Canceled in IsQuoteValidForConvertToOrder method.
ZPD-16462	Znode.Engine.Services	**File Name:** ShoppingCartService.cs **Method Name:** GetPortalCartToMapCheckoutData	The key has been renamed from Cancelled to Canceled in GetPortalCartToMapCheckoutData method.
ZPD-16462	Znode.Engine.Taxes	**File Name:** VertexTax.cs **Method Name:** ReturnOrderLineItem	The key has been renamed from Cancelled to Canceled in ReturnOrderLineItem method.
ZPD-16462	Znode.Engine.Admin	**File Name:** OrderAgent.cs **Method Name:** GetReturnLineItemList	The key has been renamed from Cancelled to Canceled in GetReturnLineItemList method.
ZPD-16462	Znode.Engine.Admin	**File Name:** RMARequestAgent.cs **Method Name:** IsRMAEnable **File Name:** RMARequestAgent.cs **Method Name:** GetReturnLineItemList **File Name:** RMARequestAgent.cs **Method Name:** RefundProcess	The key has been renamed from Cancelled to Canceled in GetReturnLineItemList, IsRMAEnable,RefundProcess method.
ZPD-16462	Znode.Libraries.Admin	**File Name:** ZnodeOrderHelper.cs **Method Name:** CancelOrderById	The key has been renamed from Cancelled to Canceled in CancelOrderById method.
ZPD-16462	Znode.Libraries.ECommerce	**File Name:** ZnodeOrderStatusEnum.cs	The key has been renamed from Cancelled to Canceled in ZnodeOrderStatusEnum.
ZPD-16462	Znode.Engine.Admin	**File Name:** Znode.Model.ts **Method Name:** OrderStatusDropdown	The key has been renamed from Cancelled to Canceled in OrderStatusDropdown method.
ZPD-16462	Znode.Engine.Admin	**File Name:** Order.ts **Method Name:** CancelOrder, CheckAnyOrderReturnPending **File Name:** Quote.ts **Method Name:** CancelQuote	The key has been renamed from Cancelled to Canceled in CancelOrder, CheckAnyOrderReturnPending and CancelQuote methods.

ZPD-17714	Znode.Webstore.Core	**File Name:** UserAgent.cs **Method Name:** GetOrderBasedOnPortalId **File Name:** IUserAgent.cs **Method Name:** GetOrderBasedOnPortalId	The property is been modified to filters from portal id in GetOrderBasedOnPortalId method.
ZPD-16956	Znode.Admin.Core	**File Name :** FilterHelpers.cs **Method Name :** GetManageLink	Added logic for changing input element title and managelink text as per scheduler.
ZPD-16954	Znode.Admin.Core	**File Name:** Order.ts **Method Name:** SetCustomerDetailsById **Method Name:** SetCustomerDetails **Method Name:** SetCustomerDetailsOnReorder **Method Name:** SetShoppingCartDetails **Method Name:** UpdateCartQuantity	The method has been modified to make a separate method for getting customer details to make it reusable. The Method SetCustomerDetails has been added to make the method useable as it is called in SetCustomerDetailsById and SetCustomerDetailsOnReorder The Method SetCustomerDetailsOnReorder has been added to get the customer details for reorder. The Method SetShoppingCartDetails has been modified for getting the shoppingcartdetails for reorder. The Method UpdateCartQuantity has been modified for validation of cart quantity.
ZPD-16954	Znode.Api.Core	**File Name:**WebApiConfig.cs.	Added the routes for getuserdetais API.
ZPD-16954	Znode.Admin.Core	**File Name:** Ordertabs.ts **Method Name:** ConfirmCancelOrder	The method has been modified for the back button redirection to its list.
ZPD-13454	Znode.Libraries.ElasticSearch	**File Name:** ElasticSearchIndexerService.cs **Method Name:** GetTokenFiltersForSearchTimeAnalyzer	Going ahead the synonyms will not be considered for the search time analyzers.
ZPD-13454	Znode.Libraries.ElasticSearch	**File Name:** ElasticSearchIndexerService.cs **Method Name:** SetSynonymTokenFilter	The pattern of configuring unidirectional synonyms has now been changed to support exclusive behavior.
ZPD-13454	Znode.Libraries.ElasticSearch	**File Name:** ElasticSearchIndexerService.cs **Method Name:** WriteSynonymsTextFile	Index time analyzers will be updated with the synonyms token filter on the synonyms publish process.
ZPD-13454	Znode.Engine.Services	**File Name:** SearchService.cs **Method Name:** WriteSearchFile	Index creation will be initiated on the success of synonyms token filter update process.
ZPD-16421	Znode.Multifront.PaymentApplication Znode.Multifront.PaymentApplication. Models Znode.Engine.Api.Models.Enum Znode.Engine.Services	**File Name:** PaypalGateway **Method Name:** DoExpressCheckoutPayment **File Name**: PaymentModel **Class Name**: ZnodePaymentStatus **Key Name**: PENDINGFORREVIEW **File Name**: ZnodeEnum **Class Name**: ZnodePaymentStatus **Key Name**: PENDINGFORREVIEW **File Name**: OrderService **Method Name**: SaveOrder	1. Handled PayPal "**Warning**" and "**PartialSuccess**" responses while placing order. 2. A new enum parameter "PENDINGFORREVIEW" is added. 3. Added a new logic to create OrderHistory if Payment status is "PENDINGFORREVIEW" from Paypal.

ZPD-16421	Znode.Libraries.Resources Znode.WebStore.Core	**File Name**: Admin_Resources.Designer.cs **Key Name**: OrderPaymentPendingForReviewHistoryMessage **File Name**: Admin_Resources.resx **Key Name**: OrderPaymentPendingForReviewHistoryMessage **File Name**: Webstore_Resources.Designer.cs **Key Name**: OrderPaymentPendingForReviewHistoryMessage **File Name**: Webstore_Resources.resx **Key Name**: OrderPaymentPendingForReviewHistoryMessage **File Name**: ResourceConstants **Key Name**: OrderPaymentPendingForReviewHistoryMessage **File Name**: CheckoutAgent **Method Name**: SubmitOrder **File Name**: CheckoutAgent **Method Name**: PayPalExpressPaymentProcess **File Name**: OrdersViewModel **Method Name**: OmsPaymentStateId	1. Added a new key and message for Order payment pending for review history. 2. Checking "PENDINGFORREVIEW" PayPal payment status and assigning payment status Id at the order level. 3. Assigning gatewayResponse.payment status to OrdersViewModel.
ZPD-16421	Znode.Engine.WebStore	**File Name**: CheckoutReciept.cshtml	If the order is created with PayPal and the status is received as "**pending**", then message will be displayed as "**pending for review**".
ZPD-17366	Znode.Engine.Admin	**File Name:** _ListViewBox.cshtml **Function Name:** GetGrid()	Changed "GetGrid()" function type from "Get" to "Post" to avoid the "Url too long" error messages.
ZPD-17366	Znode.Engine.Admin	**File Name:** XMLGeneratorController.cs **Method Name:** SetColumnSettings	Added "HttpPost" action to avoid the "Url too long" error message.
ZPD-17183	Znode.Admin.Core	**File Name:** SearchSynonymsViewModel.cs	Added new property SynonymCode in SearchSynonymsViewModel.cs
ZPD-17183	Znode.Api.Core	**File Name:** SearchSynonymsModel.cs	Added new property SynonymCode in SearchSynonymsViewModel.cs
ZPD-17183	Znode_Multifront_90_Database	**File Name:** ZnodeSearchSynonyms.sql	Added new column SynonymCode
ZPD-12653	Database	**Table Name:** ZnodeSmsProvider **Table Name:** ZnodePortalSmsSetting	New Tables are added to store SmsProvider and SmsSettings for SMS Integration using Twilio
ZPD-12653	Database	**Table Name:** ZnodeEmailTemplateMapper **Table Name:** ZnodeEmailTemplateLocale	New Columns are added to store SMS Content and IsActiveSMS flag.
ZPD-18048	Database	**Table Name:** ZnodeOmsOrderDetails **Table Name:** ZnodePortalPaymentSetting **Table Name:** ZnodePaymentType	1. Added new column RemainingOrderAmount to store the remaining amount after partial payment. 2. Added new column IsUsedForOfflinePayment to store offline payment methods and the column IsUsedForWebStorePayment to store all
ZPD-17395	Znode.Webstore.Core	**File Name:** SearchAgent **Method Name:** GetSuggestions	A new request parameter 'UrlHelper' has been added to 'GetSuggestions' for generating the proper product urls.
ZPD-18048	Database	**Table Name:** ZnodeOrderPayment	New Table is added to store the Payment details.

ZPD-17491	Database	**Table Name :** ZnodeApplicationSetting	Image column is removed
ZPD-18048	Database	**Table Name:** ZNodePaymentGateway	Added new column IsACHEnabled to check payment time is eligible for ACH or not.
ZPD-16839	Znode.Engine.WebStore	**File Name:** _PaymentOptions.cshtml	Spelling change from credidCardExpMonth to creditCardExpMonth and creditCardExpYear to creditCardExpYear
ZPD-18048	Znode.Engine.Services	**File Name:** PaymentSettingService **Method:** InsertIntoPortalPaymentSetting	Existing method has been modified such that it allow insertion and updation based on IsUsedForWebStorePayment.
ZPD-18048	Znode.Engine.Services	**File Name:** PaymentSettingService **Method:** RemovePortalPaymentSetting	The existing method has been modified such that it allows deletion considering IsUsedForWebStorePayment and IsUsedForOfflinePayment.
ZPD-18048	Znode.Engine.WebStore.Agents	**File Name:** PaymentAgent **Method:** GetPaymentDetails	Optional paramter isUsedForOfflinePayment is added with default value as false to get values considering this flag.
ZPD-18048	Znode.Engine.WebStore.Controllers	**File Name:** CheckoutController **Method:** GetPaymentDetails	Optional paramter isUsedForOfflinePayment is added with default value as false to get values considering this flag.
ZPD-18048	Znode.Engine.Admin	**File Name:** Store.ts	Extra paramter isUsedForOfflinePayment is added to get values considering this flag.
ZPD-18048	Znode.Engine.Services	**File Name:** PaymentSettingService **Method:** GetPaymentSettingList	SP Call has been changed on the basis of filter value(s) if it contains isUsedForOfflinePayment.
ZPD-18048	Znode.Engine.Services	**File Name:** PaymentSettingService **Method:** RemoveAssociatedPaymentSettings	isUsedForOfflinePayment is considered for removing payments from ProfilePaymentSetting.
ZPD-18048	Database	**Sp Name:** Znode_GetPaymentSetting	Exisiting sp Znode_GetPaymentSetting has been modified such that it uses IsUsedForWebStorePayment interanlly to get lists.
ZPD-16954	Znode.Admin.Core	**File Name:** OrderController **Method:** ReorderCompleteOrder	The method ReorderCompleteOrder has been modified to get the user details while reordering The parameter "actionName" has been added to the ReorderCompleteOrder method for handling back url.
ZPD-18048	Database	**Sp Name:** Znode_InsertSaveCartLineItemsForReOrder	Exisiting sp Znode_InsertSaveCartLineItemsForReOrder modified such that it will handle return scenarios.
ZPD-18048	Database	**Table Name:** ZnodeApplicationSetting	Added the reorder link in the Action column in the XML "ZnodeOrder", "CustomerOrderHistory" and "AccountUserOrderList" for order list, User order, and accountorderlist respectively .
ZPD-14019	Znode.Engine.WebStore	**File Name:** User.ts **Method:** HideGridColumnForPODocument	A new parameter 'isEnableReturnRequest' has been added to hide return icon if create return is disabled for the store.
ZPD-11189	Znode.Engine.Api.Models Znode.Libraries.Resources	**File Name:** ProductCompareModel **Class Name:** ProductCompareModel **Key Name:** IsShowPriceToLoggedInUsersOnly **File Name:** ResourcesConstants **Key Name:** TextForPricing **File Name:** WebStore_Resources.Designer **Key Name:** TextForPricing **File Name:** ProductAgent **Method Name:** SendComparedProductMail	Renamed the key from 'IsShowPriceToLoggedInUsersOnly' to 'IsShowPriceAndInventoryToLoggedInUsersOnly' Renamed the key from 'TextForPricing' to 'TextForPricingAndInventory'

ZPD-16472	Znode.Engine.WebStore	**File Name**: Checkout.ts	Disable the PlaceOrder button after a single click on the Checkout page to avoid multiple clicks and Enable it if the shipping method is selected.
ZPD-18246	Database	**Table Name**: ZnodeApplicationSetting **Column Name**: ItemName	Update Itemname from AssociateCategorytToSpecialOffer to AssociateCategoryToSpecialOffer.
ZPD-16628	Znode.Engine.Api.Models	**File Name**: KeywordSearchModel	Added property AssociatedCategoryIds for fetching associated categories for retreived search results
ZPD-16628	Znode.Libraries.ElasticSearch	**File Name**: ElasticSearchRequest	Added source property to enable retrieving required properties from search index
ZPD-16628	Znode.Libraries.ElasticSearch	**File Name**: MultiMatchQueryBuilder	Added source property to enable retrieving required properties from search index
ZPD-17714	Znode.Engine.WebStore	**File Name:** UserAgent.cs **Method:** GetOrderBasedOnPortalId **File Name:** IUserAgent.cs **Method:** GetOrderBasedOnPortalId	Updated the integer parameter portal id to Filters in GetOrderBasedOnPortalId method.
ZPD-18265	Znode.Engine.Services	**File Name**: ZnodeEventObserver.cs	Changed the path of ZnodeEventObserver to Znode.Engine.API
ZPD-18265	Znode.Libraries.Observer	**File Name:** EventAggregator.cs **Method:** Attach	Added a new string parameter to fetch events name in Attach method.
ZPD-18265	Znode.Libraries.Observer	**File Name:** GlobalConnector.cs **Method:** AttachEvents **File Name:** ZnodeNotifier.cs	Added a new string parameter name _operationType to fetch events name in AttachEvents method.
ZPD-18408	Znode.Engine.Services	**File Name:**RecommendationService.cs , WebstoreWidgetService.cs	Add pricing for recommended product and you may also like, frequently bought together product.
ZPD-18239	Znode.WebStore.Core	**File Name:** ProductController.cs **Method Name:** GetProductQuickView	New parameters have been added to vary the full page cache based on locale Id, profile Id, account Id, catalog Id
ZPD-18239	Znode.Engine.WebStore	**File Name:** ZnodeEndpoint.ts **Method Name:** GetProductDetails	New parameters have been added to pass values of locale Id, profile Id, account Id, catalog Id.
ZPD- 16223	Znode.Engine.Admin	**File Name:** User.ts **Method Name:** SaveAdminUser **File Name:** CustomerCreateEdit.cshtml, CreateEditUser. cshtml	New validations were added for the Email field in SaveAdminUser() method. Added a new Edit button, Email Field,<div> tag for calling the partial view in CustomerCreateEdit.cshtml, CreateEditUser.cshtml files.
ZPD- 16223	Znode.Libraries.Resources	**File Name:** Admin_Resource.resx **Key Names:** LabelUserNameEmail, RequiredUserId	Renamed the value of LabelUserNameEmail key from 'Username/Email' to 'Username'. Renamed the value of RequiredUserId key from 'Username' as 'UserId'.
ZPD- 16223	Znode.Admin.Core	**File Name:** AutoMapperConfig.cs **Mapper Name:** Mapper.CreateMap<UsersViewModel, UserModel>()	Removed mapping of 'Email' with 'Username' in order to display the updated email address in the list view. Since, only at the time of user creation the email is same as the username, but cannot be the same after editing in the newly added email field.

| ZPD-18890 | Database | Add to Cart - Db | Breaking Changes : We have modified a user defined table types TT_SavecartLineitems and found there are five reference in base for the same.
References are
    1. Znode_InsertUpdateSaveCartLineItemQuantity
    2. Znode_InsertUpdateSaveCartLineItemQuantityWrapper
    3. Znode_InsertUpdateSaveCartLineItemBundle
    4. Znode_InsertUpdateSaveCartLineItemConfigurable
    5. Znode_InsertUpdateSaveCartLineItemGroup.
We have handled the above mentioned reference but, if any other references will be found (backup or customize SPs) then the upgrade script will give an error. |