**SOAP object initialized**

**WSDL = http://irm.resortdata.com/RDPWinCentralSvc/IRMPublic.asmx?wsdl**

**Enumerate methods**

VersionResponse Version(Version $parameters)  
GDSReservationResponse GDSReservation(GDSReservation $parameters)  
GDSCancelResponse GDSCancel(GDSCancel $parameters)  
GDSModifyResponse GDSModify(GDSModify $parameters)  
GDSLoginResponse GDSLogin(GDSLogin $parameters)  
GetGuestInformationResponse GetGuestInformation(GetGuestInformation $parameters)  
GetFolioResponse GetFolio(GetFolio $parameters)  
PostChargeResponse PostCharge(PostCharge $parameters)  
GetAllRoomsResponse GetAllRooms(GetAllRooms $parameters)  
CheckAvailabilityResponse CheckAvailability(CheckAvailability $parameters)  
IsRoomAvailableResponse IsRoomAvailable(IsRoomAvailable $parameters)  
MakeReservationResponse MakeReservation(MakeReservation $parameters)  
GetAvailableRoomsResponse GetAvailableRooms(GetAvailableRooms $parameters)  
GetRoomInfoResponse GetRoomInfo(GetRoomInfo $parameters)  
GetRoomCalendarResponse GetRoomCalendar(GetRoomCalendar $parameters)  
GetAgentRatePerStayResponse GetAgentRatePerStay(GetAgentRatePerStay $parameters)  
GetRatePerStayResponse GetRatePerStay(GetRatePerStay $parameters)  
MakeReservationWithDepositResponse MakeReservationWithDeposit(MakeReservationWithDeposit $parameters)  
CancelReservationResponse CancelReservation(CancelReservation $parameters)  
GuestLoginResponse GuestLogin(GuestLogin $parameters)  
GetReservationInfoResponse GetReservationInfo(GetReservationInfo $parameters)  
MakePaymentResponse MakePayment(MakePayment $parameters)  
UpdateRoomCleanStatusResponse UpdateRoomCleanStatus(UpdateRoomCleanStatus $parameters)  
GetCourseInformationResponse GetCourseInformation(GetCourseInformation $parameters)  
GetVirtualStoreCategoriesResponse GetVirtualStoreCategories(GetVirtualStoreCategories $parameters)  
GetVirtualStoreVendorsResponse GetVirtualStoreVendors(GetVirtualStoreVendors $parameters)  
GetVirtualStoreItemsResponse GetVirtualStoreItems(GetVirtualStoreItems $parameters)  
CRMCreateAccountResponse CRMCreateAccount(CRMCreateAccount $parameters)  
CRMModifyAccountResponse CRMModifyAccount(CRMModifyAccount $parameters)  
CRMGetAccountResponse CRMGetAccount(CRMGetAccount $parameters)  
VersionResponse Version(Version $parameters)  
GDSReservationResponse GDSReservation(GDSReservation $parameters)  
GDSCancelResponse GDSCancel(GDSCancel $parameters)  
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GetRoomCalendarResponse GetRoomCalendar(GetRoomCalendar $parameters)  
GetAgentRatePerStayResponse GetAgentRatePerStay(GetAgentRatePerStay $parameters)  
GetRatePerStayResponse GetRatePerStay(GetRatePerStay $parameters)  
MakeReservationWithDepositResponse MakeReservationWithDeposit(MakeReservationWithDeposit $parameters)  
CancelReservationResponse CancelReservation(CancelReservation $parameters)  
GuestLoginResponse GuestLogin(GuestLogin $parameters)  
GetReservationInfoResponse GetReservationInfo(GetReservationInfo $parameters)  
MakePaymentResponse MakePayment(MakePayment $parameters)  
UpdateRoomCleanStatusResponse UpdateRoomCleanStatus(UpdateRoomCleanStatus $parameters)  
GetCourseInformationResponse GetCourseInformation(GetCourseInformation $parameters)  
GetVirtualStoreCategoriesResponse GetVirtualStoreCategories(GetVirtualStoreCategories $parameters)  
GetVirtualStoreVendorsResponse GetVirtualStoreVendors(GetVirtualStoreVendors $parameters)  
GetVirtualStoreItemsResponse GetVirtualStoreItems(GetVirtualStoreItems $parameters)  
CRMCreateAccountResponse CRMCreateAccount(CRMCreateAccount $parameters)  
CRMModifyAccountResponse CRMModifyAccount(CRMModifyAccount $parameters)  
CRMGetAccountResponse CRMGetAccount(CRMGetAccount $parameters)

**Enumerate data types**

struct Version { }  
struct VersionResponse { string VersionResult; }  
struct GDSReservation { MakeReservation\_irmRQ MakeReservationRQ; }  
struct MakeReservation\_irmRQ { irmWebSvcCredentials Credentials; irmDatesRoomInfo ReservationRequest; irmAgentInfo AgentInfo; irmRateInfo RateInfo; irmGuestInfo GuestInfo; irmCCCard CCardInfo; irmGDSInfo GDSInfo; }  
struct irmWebSvcCredentials { string LogonID; string Password; string DataPath; string DatabaseID; }  
struct irmDatesRoomInfo { dateTime ArrivalDate; dateTime DepartureDate; string RoomType; string RoomNumber; int People1; int People2; int People3; int People4; }  
struct irmAgentInfo { string TravelAgentNumber; string TravelAgentPassword; string TravelAgentName; string TravelAgentAddress1; string TravelAgentAddress2; string TravelAgentCity; string TravelAgentState; string TravelAgentZipCode; string TravelAgentCountry; string TravelAgentPhone1; string TravelAgentPhone2; string TravelAgentEmail; string GroupNumber; string GroupPassword; }  
struct irmRateInfo { string RatePlan; string PromotionCode; ArrayOfDecimal RatePerDay; }  
struct ArrayOfDecimal { decimal decimal; }  
struct irmGuestInfo { string FirstName; string LastName; string Address1; string Address2; string City; string State; string ZipCode; string Country; string Phone1; string Phone2; string Email; string Password; string UserName; }  
struct irmCCCard { string CreditCardNum; string CreditCardType; string CreditCardExpDate; decimal Amount; }  
struct irmGDSInfo { string GDSResID; string PMSResID; string Comments; string CurrencyCode; boolean PaymentProcessed; }  
struct GDSReservationResponse { MakeReservation\_irmRS GDSReservationResult; }  
struct MakeReservation\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string ReservationNumber; }  
string irmReturnStatusEnum  
struct GDSCancel { CancelReservation\_irmRQ CancelReservationRQ; }  
struct CancelReservation\_irmRQ { irmWebSvcCredentials Credentials; string ResNumber; string GDSConfirmNum; }  
struct GDSCancelResponse { CancelReservation\_irmRS GDSCancelResult; }  
struct CancelReservation\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string ConfirmationNumber; }  
struct GDSModify { ModifyReservation\_irmRQ ModifyReservationRQ; }  
struct ModifyReservation\_irmRQ { irmWebSvcCredentials Credentials; irmDatesRoomInfo ReservationRequest; irmAgentInfo AgentInfo; irmRateInfo RateInfo; irmGuestInfo GuestInfo; irmCCCard CCardInfo; irmGDSInfo GDSInfo; }  
struct GDSModifyResponse { ModifyReservation\_irmRS GDSModifyResult; }  
struct ModifyReservation\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string GDSResID; string PMSResID; }  
struct GDSLogin { Login\_irmRQ SysLoginRQ; }  
struct Login\_irmRQ { irmWebSvcCredentials Credentials; irmLoginInfo LoginInfo; boolean IncludeNameAddress; boolean SkipPasswordValidation; }  
struct irmLoginInfo { string Email; string IDNum; string Password; string Type; boolean HideEMail; boolean ByZipCode; boolean AllowOLDOwner; }  
struct GDSLoginResponse { Login\_irmRS GDSLoginResult; }  
struct Login\_irmRS { string ErrMsg; ReturnStatusCodeEnum Status; boolean LoginErr; string MasterNumber; string AlternateID; wsNameAddress NameAddress; wsGroupAgentMaster GroupAgent; wsRoomDetails RoomInfo; }  
string ReturnStatusCodeEnum  
struct wsNameAddress { string FirstName; string LastName; string Address1; string Address2; string City; string State; string ZipCode; string Country; string Phone1; string Phone2; string Email; string Password; string SourceOfBusiness; string MarketCode; string GuestType; string VIP; }  
struct wsGroupAgentMaster { string Type; string Number; string Name; string MasterType; string RatePlan; string RateDescription; string SourceOfBusiness; string MarketCode; string PayCode; string CommissionCode; string TaxCode; dateTime ArrivalDate; dateTime DepartureDate; int DepositPercentage; string GroupLeaderResNum; boolean PredeductDefault; }  
struct wsRoomDetails { string RoomType; string RoomNumber; string Address1; string Address2; string City; string State; string ZipCode; string Phone; string Note; string MaidZone; string MaidsNote; string PropertyCode; boolean BlockFromIRM; string URL; boolean TimeshareOwnership; }  
struct GetGuestInformation { GetGuestInformation\_irmRQ RQ; }  
struct GetGuestInformation\_irmRQ { irmWebSvcCredentials Credentials; string ReservationNumber; }  
struct GetGuestInformationResponse { GetGuestInformation\_irmRS GetGuestInformationResult; }  
struct GetGuestInformation\_irmRS { irmReturnStatusEnum Status; string ErrMsg; irmGuestInfo GuestInformation; }  
struct GetFolio { GetFolio\_irmRQ RQ; }  
struct GetFolio\_irmRQ { irmWebSvcCredentials Credentials; string ReservationNumber; }  
struct GetFolioResponse { GetFolio\_irmRS GetFolioResult; }  
struct GetFolio\_irmRS { irmReturnStatusEnum Status; string ErrMsg; Folio Folio; }  
struct Folio { schema; any; }  
struct PostCharge { PostCharge\_irmRQ RQ; }  
struct PostCharge\_irmRQ { irmWebSvcCredentials Credentials; irmTransactionInfo Transaction; }  
struct irmTransactionInfo { string ReservationNumber; string TransactionCode; decimal Price; int Quantity; string Description; }  
struct PostChargeResponse { PostCharge\_irmRS PostChargeResult; }  
struct PostCharge\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string TransactionNumber; }  
struct GetAllRooms { GetAllRooms\_irmRQ RQ; }  
struct GetAllRooms\_irmRQ { irmWebSvcCredentials Credentials; }  
struct GetAllRoomsResponse { GetAllRooms\_irmRS GetAllRoomsResult; }  
struct GetAllRooms\_irmRS { irmReturnStatusEnum Status; string ErrMsg; Rooms Rooms; }  
struct Rooms { schema; any; }  
struct CheckAvailability { CheckAvailability\_irmRQ RQ; }  
struct CheckAvailability\_irmRQ { irmWebSvcCredentials Credentials; irmDatesRoomInfo AvailabilityRequest; }  
struct CheckAvailabilityResponse { CheckAvailability\_irmRS CheckAvailabilityResult; }  
struct CheckAvailability\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string UnavailableReason; Inventory Inventory; }  
struct Inventory { schema; any; }  
struct IsRoomAvailable { CheckAvailability\_irmRQ RQ; }  
struct IsRoomAvailableResponse { AvailableRooms\_irmRS IsRoomAvailableResult; }  
struct AvailableRooms\_irmRS { irmReturnStatusEnum Status; string ErrMsg; string UnavailableReason; ResultSet ResultSet; }  
struct ResultSet { schema; any; }  
struct MakeReservation { MakeReservation\_irmRQ RQ; }  
struct MakeReservationResponse { MakeReservation\_irmRS MakeReservationResult; }  
struct GetAvailableRooms { GetAvailableRooms\_irmRQ RQ; }  
struct GetAvailableRooms\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmDatesPeople DatesPeople; irmSearchCriteria SearchCriteria; }  
struct irmDatesPeople { dateTime ArrivalDate; dateTime DepartureDate; int People1; int People2; int People3; int People4; }  
struct irmSearchCriteria { string RoomType; string RoomNumber; string PropertyCode; string LocationCode; string GuestRequest1; string GuestRequest2; string GuestRequest3; string GuestRequest4; string GuestRequest5; string GuestRequest6; string GuestRequest7; string GuestRequest8; string GuestRequest9; string IRMSearch1; string IRMSearch2; string IRMSearch3; string IRMSearch4; string IRMSearch5; string IRMSearch6; string IRMSearch7; string IRMSearch8; }  
struct GetAvailableRoomsResponse { Result\_irmRS GetAvailableRoomsResult; }  
struct Result\_irmRS { int Status; string ErrMsg; string UnavailableReason; string ConfirmationNumber; ResultSet ResultSet; }  
struct ResultSet { schema; any; }  
struct GetRoomInfo { GetRoomInfo\_irmRQ RQ; }  
struct GetRoomInfo\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmSearchCriteria SearchCriteria; }  
struct GetRoomInfoResponse { Result\_irmRS GetRoomInfoResult; }  
struct GetRoomCalendar { GetRoomCalendar\_irmRQ RQ; }  
struct GetRoomCalendar\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string Room; irmDatesPeople DatesPeople; irmRatePlan Rate; }  
struct irmRatePlan { string RatePlan; string PromotionCode; }  
struct GetRoomCalendarResponse { Result\_irmRS GetRoomCalendarResult; }  
struct GetAgentRatePerStay { GetAgentRatePerStay\_irmRQ RQ; }  
struct GetAgentRatePerStay\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string Room; irmDatesPeople DatesPeople; irmAgentInfo AgentInfo; irmOtherChargeOverride OtherChargeOverride; boolean IncludeAllAvailableRates; }  
struct irmOtherChargeOverride { boolean ExcludeOtherCharge3; boolean ExcludeOtherCharge4; boolean ExcludeOtherCharge5; boolean ExcludeOtherCharge6; boolean ExcludeOtherCharge7; boolean ExcludeSecurityDeposit; }  
struct GetAgentRatePerStayResponse { Result\_irmRS GetAgentRatePerStayResult; }  
struct GetRatePerStay { GetRatePerStay\_irmRQ RQ; }  
struct GetRatePerStay\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string Room; irmDatesPeople DatesPeople; irmRatePlan Rate; irmOtherChargeOverride OtherChargeOverride; }  
struct GetRatePerStayResponse { Result\_irmRS GetRatePerStayResult; }  
struct MakeReservationWithDeposit { MakeReservationWithDeposit\_irmRQ RQ; }  
struct MakeReservationWithDeposit\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmDatesRoomInfo ReservationRequest; irmAgentInfo AgentInfo; irmRateInfo RateInfo; irmOtherChargeOverride OtherChargeOverride; irmGuestCredentials GuestCredentials; irmGuestInfo GuestInfo; irmPayment PaymentInfo; ArrayOfIrmVirtualStoreItem VirtualStoreItems; }  
struct irmGuestCredentials { irmLoginIDType LoginType; string LoginID; string Password; }  
string irmLoginIDType  
struct irmPayment { dateTime DepositDueDate; string CreditCardNumber; string CreditCardExpiration; string CreditCardCVC; string BillingPostalCode; decimal PaymentAmount; int Retries; }  
struct ArrayOfIrmVirtualStoreItem { irmVirtualStoreItem irmVirtualStoreItem; }  
struct irmVirtualStoreItem { string ItemNumber; string VendorNumber; dateTime ActivityDate; int Quantity; }  
struct MakeReservationWithDepositResponse { Result\_irmRS MakeReservationWithDepositResult; }  
struct CancelReservation { Cancel\_irmRQ RQ; }  
struct Cancel\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; string ReservationNumber; string CancellationReason; }  
struct CancelReservationResponse { Result\_irmRS CancelReservationResult; }  
struct GuestLogin { GuestLogin\_irmRQ RQ; }  
struct GuestLogin\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; }  
struct GuestLoginResponse { Result\_irmRS GuestLoginResult; }  
struct GetReservationInfo { GetReservationInfo\_irmRQ RQ; }  
struct GetReservationInfo\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; string ReservationNumber; boolean GetFolio; boolean GetAllReservations; }  
struct GetReservationInfoResponse { Result\_irmRS GetReservationInfoResult; }  
struct MakePayment { MakePayment\_irmRQ RQ; }  
struct MakePayment\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; string ReservationNumber; irmPayment PaymentInfo; }  
struct MakePaymentResponse { Result\_irmRS MakePaymentResult; }  
struct UpdateRoomCleanStatus { UpdateRoomCleanStatus\_irmRQ RQ; }  
struct UpdateRoomCleanStatus\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string RoomNumber; string CleanStatus; }  
struct UpdateRoomCleanStatusResponse { Result\_irmRS UpdateRoomCleanStatusResult; }  
struct GetCourseInformation { GetCourseInformation\_irmRQ RQ; }  
struct GetCourseInformation\_irmRQ { irmWebSvcCredentials Credentials; string CourseNumber; string CourseID; dateTime StartDate; dateTime EndDate; }  
struct GetCourseInformationResponse { GetCourseInformation\_irmRS GetCourseInformationResult; }  
struct GetCourseInformation\_irmRS { int Status; string ErrMsg; ResultSet ResultSet; }  
struct ResultSet { schema; any; }  
struct GetVirtualStoreCategories { GetVirtualStoreCategories\_irmRQ RQ; }  
struct GetVirtualStoreCategories\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string Category; }  
struct GetVirtualStoreCategoriesResponse { Result\_irmRS GetVirtualStoreCategoriesResult; }  
struct GetVirtualStoreVendors { GetVirtualStoreVendors\_irmRQ RQ; }  
struct GetVirtualStoreVendors\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string Category; string VendorNumber; }  
struct GetVirtualStoreVendorsResponse { Result\_irmRS GetVirtualStoreVendorsResult; }  
struct GetVirtualStoreItems { GetVirtualStoreItems\_irmRQ RQ; }  
struct GetVirtualStoreItems\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; string VendorNumber; dateTime ActivityDate; irmDatesRoomInfo ReservationInformation; }  
struct GetVirtualStoreItemsResponse { Result\_irmRS GetVirtualStoreItemsResult; }  
struct CRMCreateAccount { CRMCreateAccount\_irmRQ RQ; }  
struct CRMCreateAccount\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestInfo GuestInfo; }  
struct CRMCreateAccountResponse { Result\_irmRS CRMCreateAccountResult; }  
struct CRMModifyAccount { CRMModifyAccount\_irmRQ RQ; }  
struct CRMModifyAccount\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; irmGuestInfo GuestInfo; ArrayOfString LinkReservations; irmPointsTransaction PointsTransaction; }  
struct ArrayOfString { string string; }  
struct irmPointsTransaction { string TransactionCode; string Description; int Points; string ReservationNumber; string Comment1; string Comment2; }  
struct CRMModifyAccountResponse { Result\_irmRS CRMModifyAccountResult; }  
struct CRMGetAccount { CRMGetAccount\_irmRQ RQ; }  
struct CRMGetAccount\_irmRQ { irmWebSvcCredentials Credentials; int RequestOptions; int ResponseOptions; irmGuestCredentials GuestCredentials; }  
struct CRMGetAccountResponse { Result\_irmRS CRMGetAccountResult; }

**Invoke actual methods**

**Version()**

**Version =** 3.0.012.24

**Version Request :**<?xml version="1.0" encoding="UTF-8"?> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://resortdata.com/IRMPublic"><SOAP-ENV:Body><ns1:Version/></SOAP-ENV:Body></SOAP-ENV:Envelope>

**Version Response:**<?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"><soap:Body><VersionResponse xmlns="http://resortdata.com/IRMPublic"><VersionResult>3.0.012.24</VersionResult></VersionResponse></soap:Body></soap:Envelope>

**GDSLoginResponse GDSLogin(GDSLogin $parameters)**

**Login Sucessful**

**Login Request :**<?xml version="1.0" encoding="UTF-8"?> <SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="http://resortdata.com/IRMPublic"><SOAP-ENV:Body><ns1:GDSLogin><ns1:SysLoginRQ><ns1:Credentials><ns1:LogonID>userid</ns1:LogonID><ns1:Password>password</ns1:Password><ns1:DatabaseID>database</ns1:DatabaseID></ns1:Credentials><ns1:LoginInfo><ns1:Email>mack@swiftsuremarketing.com</ns1:Email><ns1:IDNum>42</ns1:IDNum><ns1:Password>password</ns1:Password><ns1:HideEMail>true</ns1:HideEMail><ns1:ByZipCode>false</ns1:ByZipCode><ns1:AllowOLDOwner>false</ns1:AllowOLDOwner></ns1:LoginInfo><ns1:IncludeNameAddress>false</ns1:IncludeNameAddress><ns1:SkipPasswordValidation>true</ns1:SkipPasswordValidation></ns1:SysLoginRQ></ns1:GDSLogin></SOAP-ENV:Body></SOAP-ENV:Envelope>

**Login Response:**<?xml version="1.0" encoding="utf-8"?><soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"><soap:Body><GDSLoginResponse xmlns="http://resortdata.com/IRMPublic"><GDSLoginResult><ErrMsg>GDSLogon: Credentials.DataPath must be specified.</ErrMsg><Status>Success</Status><LoginErr>false</LoginErr></GDSLoginResult></GDSLoginResponse></soap:Body></soap:Envelope>