

Aria AdminTool – Request/Response Apex Structure to be used to create request/response as input and return parameters to the SDK method callouts

Document Revision History

Date	Update By	Sprint Name
8/1/2014	Simplion	ForrestGump

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/*****
Name: AriaAdminToolRequestResponse
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=====
Purpose:
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This is helping class of AriaAdminToolServiceGeneral to have wrapper class to hold the data
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History
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AUTHOR                                DATE                                DEVELOPER NAME
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```

The SDK methods are available in the AriaAdminToolServiceGeneral class. The request response structures here (in this document) are to be used to instantiate the input and return parameters to the SDK methods.

1. get_coa

```

// request wrapper for chart of account entry
global class get_coa_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string coa_id { get; set; }
}

// response wrapper for chart of account entry
global class get_coa_response{
    webservice long error_code {get;set;}
}

```

```

    webservice string error_msg {get;set;}
    webservice list<coa> coa_entry {get;set;}
    global get_coa_response(){
        coa_entry = new list<coa>();
    }
}
global class coa{
webservice long coa_id { get; set; }
webservice string coa_code { get; set; }
webservice string coa_description { get; set; }
}

```

2. get_company_profile

```

// request wrapper for get_company_profile
global class get_company_profile_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_company_profile
global class get_company_profile_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<client> clients {get;set;}
    global get_company_profile_response(){
        clients = new list<client>();
    }
}
global class client{
webservice string client_name {get;set;}
webservice string domain {get;set;}
webservice string address1 {get;set;}
webservice string address2 {get;set;}
webservice string city {get;set;}
webservice string locality {get;set;}
webservice string state_prov {get;set;}
webservice string country {get;set;}
webservice string postal_code {get;set;}
webservice string phone {get;set;}
webservice string contact {get;set;}
webservice string contact_address1 {get;set;}
webservice string contact_address2 {get;set;}
webservice string contact_city {get;set;}
webservice string contact_state {get;set;}
webservice string contact_zip {get;set;}
webservice string contact_phone {get;set;}
webservice string contact_email {get;set;}
webservice string billing_contact {get;set;}
webservice string billing_address1 {get;set;}
webservice string billing_address2 {get;set;}
webservice string billing_city {get;set;}
webservice string billing_state {get;set;}
webservice string billing_zip {get;set;}
webservice string billing_phone {get;set;}
}

```

```

webservice string billing_email {get;set;}
webservice string contact_country {get;set;}
webservice string contact_locality {get;set;}
webservice string billing_country {get;set;}
webservice string billing_locality {get;set;}
}

```

3. get_coupon_details

```

// request wrapper for get_coupon_details
global class get_coupon_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string coupon_cd { get; set; }
}
// response wrapper for get_coupon_details
global class get_coupon_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string coupon_cd {get;set;}
    webservice string coupon_desc {get;set;}
    webservice string coupon_msg {get;set;}
    webservice integer status_ind {get;set;}
    webservice integer no_of_uses {get;set;}
    webservice string start_date {get;set;}
    webservice string end_date {get;set;}
    //hash implementation for get_coupon_details wrapper
    webservice list<credit_template> credit_templates {get;set;}
    //hash implementation for get_coupon_details wrapper
    webservice list<discount_rule_for_coupon> discount_rules
    {get;set;}
    //hash implementation for get_coupon_details wrapper
    webservice list<discount_bundle> discount_bundles {get;set;}

    global get_coupon_details_response(){
        credit_templates = new list<credit_template>();
        discount_rules = new list<discount_rule_for_coupon>();
        discount_bundles = new list<discount_bundle>();
    }
}
//hash implementation for get_coupon_details wrapper
global class credit_template {
    webservice integer credit_template_no {get;set;}
    webservice string credit_template_name {get;set;}
    webservice string client_credit_template_id {get;set;}
    webservice integer eligible_plan_no {get;set;}
    webservice string eligible_client_plan_id {get;set;}
    webservice integer eligible_service_no {get;set;}
    webservice integer eligible_client_service_id {get;set;}
    webservice integer no_of_credits {get;set;}
    webservice integer time_between_credits {get;set;}
    webservice integer discount_type {get;set;}
    webservice double discount_amt {get;set;}
    webservice integer percentage_plan_no {get;set;}
    webservice string percentage_client_plan_id {get;set;}
    webservice long percentage_service_no {get;set;}
}

```

```

webservice long percentage_client_service_id {get;set;}
webservice integer alt_service_no {get;set;}
webservice string alt_client_service_id {get;set;}
webservice list<String> eligible_service_types {get;set;}
global credit_template(){
    eligible_service_types = new list<String>();
}
}
//hash implementation for get_coupon_details wrapper
global class discount_rule_for_coupon {
webservice integer rule_no {get;set;}
webservice string rule_id {get;set;}
webservice string description {get;set;}
webservice string ext_description {get;set;}
webservice integer flat_percent_ind {get;set;}
webservice double amount {get;set;}
webservice string currency1 {get;set;}
webservice string duration_type_ind {get;set;}
webservice integer max_applicable_months {get;set;}
webservice integer max_applications_per_acct {get;set;}
webservice string inline_offset_ind {get;set;}
webservice integer service_code_to_use {get;set;}
webservice integer alt_service_no_2_apply {get;set;}
webservice integer alt_service_id_2_apply {get;set;}
webservice integer scope_no {get;set;}

//hash implementation for discount rule wrapper
webservice list<Integer> plan_nos {get;set;}
//hash implementation for discount rule wrapper
webservice list<string> client_plan_ids {get;set;}
//hash implementation for discount rule wrapper
webservice list<Integer> service_nos {get;set;} /
//hash implementation for discount rule wrapper
webservice list<Integer> client_service_ids {get;set;}
//hash implementation for discount rule wrapper
webservice list<Integer> item_nos {get;set;}
//hash implementation for discount rule wrapper
webservice list<Integer> client_item_ids {get;set;}
//hash implementation for discount rule wrapper
global discount_rule_for_coupon(){
    plan_nos = new list<Integer>();
    client_plan_ids = new list<string>();
    service_nos = new list<Integer>();
    client_service_ids = new list<Integer>();
    item_nos = new list<Integer>();
    client_item_ids = new list<Integer>();
}
}
//hash implementation for get_coupon_details wrapper
global class discount_bundle {
webservice integer bundle_no {get;set;}
webservice string bundle_name {get;set;}
webservice string bundle_id {get;set;}
webservice string description {get;set;}
webservice string allow_overlap_ind {get;set;}

```

```

//hash implementation for discount bundle wrapper
webservice list<Integer> rules {get;set;}
webservice list<String> rule_ids {get;set;}
//hash implementation for discount bundle wrapper
global discount_bundle(){
    rules = new list<Integer>();
    rule_ids = new list<String>();
}
}

```

4. get_coupons

```

// request wrapper for get_coupons
global class get_coupons_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_coupons
global class get_coupons_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<services> services {get;set;}
    global get_coupons_response(){
        services = new list<services>();
    }
}

global class services{
    webservice string coupon_cd {get;set;}
    webservice string coupon_desc {get;set;}
    webservice string expires_desc {get;set;}
}

```

5. get_discount_bundle_details

```

// request wrapper for get_discount_bundle_details
global class get_discount_bundle_details_request{
    webservice string client_no {get; set;}
    webservice string auth_key {get; set;}
    webservice string remote_site_url {get; set;}
    webservice string bundle_no {get; set;}
}

// response wrapper for get_discount_bundle_details
global class get_discount_bundle_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long bundle_no {get;set;}
    webservice string bundle_name {get;set;}
    webservice string bundle_id {get;set;}
    webservice string description {get;set;}
    webservice string allow_overlap_ind {get;set;}
    webservice list<Long> rules {get;set;}
}

```

```

        webservice list<String> rule_ids {get;set;}
        global get_discount_bundle_details_response(){
            rules = new list<Long>();
            rule_ids = new list<String>();
        }
    }
}

```

6. get_discount_bundles

```

// request wrapper for get_discount_bundles
global class get_discount_bundles_request{
    webservice string client_no {get; set;}
    webservice string auth_key {get; set;}
    webservice string remote_site_url {get; set;}
}

// response wrapper for get_discount_bundles
global class get_discount_bundles_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<discount_bundle> discount_bundles {get;set;}
    global get_discount_bundles_response(){
        discount_bundles = new list<discount_bundle>();
    }
}

```

7. get_discount_rule_details

```

// request wrapper for get_discount_rule_details
global class get_discount_rule_details_request{
    webservice string client_no {get; set;}
    webservice string auth_key {get; set;}
    webservice string remote_site_url {get; set;}
    webservice string rule_no {get; set;}
    webservice string client_rule_id {get; set;}
}

// response wrapper for get_discount_rule_details
global class get_discount_rule_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long rule_no {get; set;}
    webservice string rule_id {get; set;}
    webservice string description {get; set;}
    webservice string ext_description {get; set;}
    webservice string discount_type {get; set;}
    webservice Decimal amount {get; set;}
    webservice string currency1 {get; set;}
    webservice string applicable_trans_scope {get; set;}
    webservice string duration_type_ind {get; set;}
    webservice integer max_applicable_months {get; set;}
    webservice integer max_applications_per_acct {get; set;}
    webservice integer flat_percent_ind {get; set;}
    webservice integer service_code_to_use {get; set;}
    webservice string inline_offset_ind {get; set;}
    webservice integer alt_service_no_2_apply {get; set;}
}

```

```

webservice string alt_service_id_2_apply {get; set;}
webservice integer scope_no {get; set;}
webservice string use_all_or_nth_subs_rule {get; set;}
webservice list<long> plan_no {get;set;}
webservice list<string> client_plan_id {get;set;}
webservice list<integer> service_no {get;set;}
webservice list<integer> client_service_id {get;set;}
webservice list<integer> item_no {get;set;}
webservice list<integer> client_item_id {get;set;}
global get_discount_rule_details_response(){
    plan_no = new list<long>();
    client_plan_id = new list<string>();
    service_no = new list<integer> ();
    client_service_id = new list<integer> ();
    item_no = new list<integer> ();
    client_item_id = new list<integer> ();
}
}

```

8. get_inventory_items

```

// request wrapper for get_inventory_items
global class get_inventory_items_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_inventory_items
global class get_inventory_items_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<inventory_item> inventory_items {get;set;}
global get_inventory_items_response(){
    inventory_items = new list<inventory_item>();
}
}

global class inventory_item{
    webservice integer item_no {get;set;}
    webservice string item_name {get;set;}
    webservice integer item_type {get;set;}
    webservice string client_sku {get;set;}
    webservice integer active_ind {get;set;}
    webservice string client_item_id {get;set;}
    webservice double stock_level {get;set;}
}

```

9. get_discount_rules

```

// request wrapper for get_discount_rules
global class get_discount_rules_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

```

```

// response wrapper for get_discount_rules
global class get_discount_rules_response{

    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<discount_rule> discount_rules {get;set;}
    global get_discount_rules_response(){
        discount_rules = new list<discount_rule>();
    }
}

global class discount_rule{
    webservice integer rule_no {get;set;}
    webservice string rule_name {get;set;}
    webservice string rule_id {get;set;}
    webservice string discount_type {get;set;}
    webservice string description {get;set;}
    webservice string ext_description {get;set;}
    webservice integer flat_percent_ind {get;set;}
    webservice double amount {get;set;}
    webservice string rule_currency {get;set;}
}

```

10. get_inventory_item_details

```

// request wrapper for get_inventory_item_details
global class get_inventory_item_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string item_no { get; set; }
    webservice string client_item_id { get; set; }
    webservice string currency_cd { get; set; }
}

// response wrapper for get_inventory_item_details
global class get_inventory_item_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice integer item_no {get;set;}
    webservice string client_item_id {get;set;}
    webservice integer item_type {get;set;}
    webservice string item_name {get;set;}
    webservice string item_desc {get;set;}
    webservice integer active_ind {get;set;}
    webservice integer service_no {get;set;}
    webservice string client_service_id {get;set;}
    webservice integer invoice_advancement_months {get;set;}
    webservice integer plan_no {get;set;}
    webservice string client_plan_id {get;set;}
    webservice string client_sku {get;set;}
    webservice list<pricing> pricings {get;set;}
    webservice string modify_price_ind {get;set;}
    webservice double subunit_qty {get;set;}
    webservice string subunit_label {get;set;}
    webservice integer days_to_expiry {get;set;}
    webservice list<resource> resources {get;set;}
    webservice double stock_level {get;set;}
}

```



```

webservice list<image> images {get;set;}
webservice list<string> supplemental_obj_fields {get;set;}
webservice list<long> item_class {get;set;}
global get_inventory_item_details_response(){
    pricings = new list<pricing>();
    resources = new list<resource>();
    images = new list<image>();
    supplemental_obj_fields = new list<string>();
    item_class = new list<long>();
}
}
global class pricing{
    webservice string currency_cd {get;set;}
    webservice double item_price {get;set;}
    webservice double price_per_unit {get;set;}
}
global class resource{
    webservice integer resource_type_no {get;set;}
    webservice integer resource_units {get;set;}
    webservice string resource_name {get;set;}
}
global class image{
    webservice string thumbnail_image_url {get;set;}
    webservice string main_image_url {get;set;}
    webservice string image_text {get;set;}
    webservice integer default_ind {get;set;}
    webservice integer image_class_seq_no {get;set;}
    webservice integer active {get;set;}
}
}

```

11. get_plan_details

```

global class get_plan_details_request {
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string plan_no { get; set; }
    webservice string client_plan_id { get; set; }
}
// response wrapper for get_plan_details
global class get_plan_details_response{
    webservice long error_code{get;set;}
    webservice string error_msg{get;set;}
    webservice string plan_no{get;set;}
    webservice string client_plan_id{get;set;}
    webservice string plan_name{get;set;}
    webservice integer plan_level{get;set;}
    webservice string plan_type{get;set;}
    webservice string plan_description{get;set;}
    webservice list<integer> plan_groups {get;set;}
    webservice list<string> plan_group_ids {get;set;}
    webservice string currency_cd{get;set;}
    webservice integer billing_interval{get;set;}
}

```

```

webservice string usage_billing_interval{get;set;}
webservice integer active_ind{get;set;}
webservice string rollover_months{get;set;}
webservice integer rollover_plan_no{get;set;}
webservice string rollover_client_plan_id{get;set;}
webservice string allow_child_accounts{get;set;}
webservice integer dunning_plan_no{get;set;}
webservice string dunning_client_plan_id{get;set;}
webservice integer free_trial_type{get;set;}
webservice integer free_trial_duration{get;set;}
webservice integer initial_free_months{get;set;}
webservice string acct_status_cd{get;set;}
webservice integer rollover_acct_status_days{get;set;}
webservice string rollover_acct_status_cd{get;set;}
webservice integer template_no{get;set;}
webservice integer template_id{get;set;}
webservice integer plan_cancel_min_months{get;set;}
webservice string how_to_apply_min_fee{get;set;}
webservice string is_deletable{get;set;}
webservice list<service> services {get;set;} //hash wrapper
implementation for get_plan_details
webservice list<integer> resources {get;set;}
webservice list<integer> parent_plans {get;set;}
webservice list<integer> parent_plan_ids {get;set;}
webservice list<integer> exclusion_plans {get;set;}
webservice list<string> supplemental_obj_fields {get;set;}

global get_plan_details_response(){
    plan_groups = new list<integer>();
    plan_group_ids = new list<string>();
    services = new list<service>();
    resources = new list<integer>();
    parent_plans = new list<integer>();
    parent_plan_ids = new list<integer>();
    exclusion_plans = new list<integer>();
    supplemental_obj_fields = new list<string>();

}
}

```

12. get_plan_group_details

```

global class get_plan_group_details_request {
webservice string client_no { get; set; }
webservice string auth_key { get; set; }
webservice string remote_site_url { get; set; }
webservice string group_no { get; set; }
webservice string client_plan_change_group_id { get; set; }
}

```

```

// response wrapper for get_plan_group_details
global class get_plan_group_details_response{
    webservice long error_code{get;set;}
    webservice string error_msg{get;set;}
    webservice integer group_no{get;set;}
    webservice string group_name{get;set;}
    webservice string group_desc{get;set;}
    webservice string client_plan_change_group_id{get;set;}
    webservice string group_usage{get;set;}
    webservice list<plan> plans {get;set;} //hash wrapper
implementation for get_plan_group_details
    global get_plan_group_details_response(){
        plans = new list<plan>();
    }
}
//hash wrapper implementation for --get_plan_group_details --
get_plans
global class plan {
    webservice string plan_name{get;set;} // for --
get_plan_group_details --get_plans
    webservice string plan_desc{get;set;} // for --
get_plan_group_details
    webservice integer plan_no {get;set;} // for --get_plans
    webservice integer plan_level {get;set;} // for --get_plans
    webservice string client_plan_id {get;set;} // for --get_plans
    webservice integer billing_interval {get;set;} // for --get_plans
    webservice integer active_ind {get;set;} // for --get_plans
}

```

13. **get_plan_groups**

```

global class get_plan_groups_request {
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
// response wrapper for get_plan_groups
global class get_plan_groups_response {
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<plan_group> plan_groups {get;set;} //hash wrapper
implementation for get_plan_groups
    global get_plan_groups_response() {
        plan_groups = new list<plan_group>();
    }
}
//hash wrapper implementation for get_plan_groups
global class plan_group {
    webservice integer group_no {get;set;}
    webservice string group_name {get;set;}
}

```

```

webservice string group_desc {get;set;}
webservice string client_plan_change_group_id {get;set;}
webservice string group_usage {get;set;}
webservice integer group_plans_count {get;set;}
}

```

14. get_plan_service_details

```

global class get_plan_service_details_request {
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string service_no { get; set; }
    webservice string client_service_id { get; set; }
    webservice string plan_no { get; set; }
    webservice string client_plan_id { get; set; }
}

// response wrapper for get_plan_service_details
global class get_plan_service_details_response {
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string plan_no {get;set;}
    webservice string currency_cd {get;set;}
    webservice string service_no {get;set;}
    webservice string service_name {get;set;}
    webservice string service_type {get;set;}
    webservice string client_service_id {get;set;}
    webservice integer taxable_ind {get;set;}
    webservice string tax_group {get;set;}
    webservice string client_tax_group_id {get;set;}
    webservice string gl_cd {get;set;}
    webservice integer usage_type {get;set;}
    webservice string rate_type {get;set;}
webservice list<rate_schedule> rate_schedules {get;set;} //hash wrapper
implementation for get_plan_service_details
    webservice list<integer> parent_plans {get;set;}
    webservice list<integer> parent_plan_ids {get;set;}
    webservice list<integer> exclusion_plans {get;set;}
    webservice list<string> supplemental_obj_fields {get;set;}
    global get_plan_service_details_response() {
        rate_schedules = new list<rate_schedule>();
        parent_plans = new list<integer>();
        parent_plan_ids = new list<integer>();
        exclusion_plans = new list<integer>();
        supplemental_obj_fields = new list<string>();
    }
}

//hash wrapper implementation for get_plan_service_details

```

```

global class rate_schedule {
    webservice string currencies {get;set;}
    webservice list<rate_info> rate_infos {get;set;} //hash wrapper
implementation for get_plan_service_details
    webservice integer is_default {get;set;}
    global rate_schedule() {
        rate_infos = new list<rate_info>();
    }
}
//hash wrapper implementation for get_plan_service_details
global class rate_info {
    webservice integer schedule_no {get;set;}
    webservice string schedule_name {get;set;}
    webservice string client_rate_schedule_id {get;set;}
    webservice integer from_unit {get;set;}
    webservice integer to_unit {get;set;}
    webservice integer rate_per_unit {get;set;}
}

```

15. **get_plans**

```

global class get_plans_request {
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
// response wrapper for get_plans
global class get_plans_response {
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<plan> plans {get;set;} //hash wrapper
implementation for get_plans
    global get_plans_response() {
        plans = new list<plan>();
    }
}

```

16. **list_coa**

```

global class list_coa_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_recurring_credit_templates
global class list_coa_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<coa_list> coa_lists {get;set;}
}

```

```

    global list_coa_response(){
        coa_lists = new list<coa_list>();
    }
}
global class coa_list{
    webservice long coa_id {get;set;}
    webservice string coa_code { get; set; }
    webservice string coa_description { get; set; }
}

```

17. get_services

```

// request wrapper for get_services
global class get_services_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
// response wrapper for get_services
global class get_services_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<service> services {get;set;}
    global get_services_response(){
        services = new list<service>();
    }
}
global class service{
    webservice long service_no { get; set; }
    webservice string service_name { get; set; }
    webservice string service_type { get; set; }
    webservice string client_service_id { get; set; }
}

```

18. get_service_types

```

// request wrapper for get_service_types
global class get_service_types_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
// response wrapper for get_service_types
global class get_service_types_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<service_type> service_types {get;set;}
    global get_service_types_response(){
        service_types = new list<service_type>();
    }
}

```

```

global class service_type{
    webservice string service_type_name { get; set; }
    webservice string service_desc { get; set; }
}

```

19. **get_service_details**

```

// request wrapper for get_service_details
global class get_service_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string service_no { get; set; }
    webservice string client_service_id { get; set; }
}

// response wrapper for get_service_details
global class get_service_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string service_no { get; set; }
    webservice string client_service_id { get; set; }
    webservice string service_name { get; set; }
    webservice string service_type { get; set; }
    webservice string gl_cd { get; set; }
    webservice Integer taxable_ind { get; set; }
    webservice string tax_group { get; set; }
    webservice string client_tax_group_id { get; set; }
    webservice Integer usage_type { get; set; }
    webservice Integer rev_rec_ind { get; set; }
    webservice list<string> supplemental_obj_fields { get; set; }
    global get_service_details_response(){
        supplemental_obj_fields = new list<string>();
    }
}

```

20. **get_recurring_credit_templates**

```

// request wrapper for get_recurring_credit_templates
global class get_recurring_credit_templates_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_recurring_credit_templates
global class get_recurring_credit_templates_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<rec_credit_template> credit_templates {get;set;}
    global get_recurring_credit_templates_response(){
        credit_templates = new list<rec_credit_template>();
    }
}

```

```

    }
}
global class rec_credit_template{
    webservice long recurring_credit_template_no {get;set;}
    webservice string credit_template_name { get; set; }
    webservice string client_credit_template_id { get; set; }
}

```

21. **get_promo_plan_set_details**

```

//-----admin tool apis by dileep
global class get_promo_plan_set_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string promo_plan_set_no { get; set; }
    webservice string client_plan_type_id { get; set; }
}
global class get_promo_plan_set_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long promo_plan_set_no { get; set; }
    webservice string promo_plan_set_name { get; set; }
    webservice string promo_plan_set_desc { get; set; }
    webservice string client_plan_type_id { get; set; }
    webservice list<Plan1> plans { get; set; }
    global get_promo_plan_set_details_response(){
        plans = new list<Plan1>();
    }
}
global class Plan1{
    webservice long plan_no { get; set; }
    webservice string plan_name { get; set; }
    webservice string plan_desc { get; set; }
    webservice string client_plan_id { get; set; }
}

```

22. **get_promo_plan_sets**

```

global class get_promo_plan_sets_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
global class get_promo_plan_sets_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<promo_plan_set> promo_plan_sets { get; set; }
    global get_promo_plan_sets_response(){
        promo_plan_sets = new list<promo_plan_set>();
    }
}

```



```

    }
}
global class promo_plan_set{
    webservice long promo_plan_set_no { get; set; }
    webservice string promo_plan_set_name { get; set; }
    webservice string promo_plan_set_desc { get; set; }
    webservice string client_plan_type_id { get; set; }
}

```

23. get_promotions

```

global class get_promotions_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}
global class get_promotions_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<promotion> promotions { get; set; }

    global get_promotions_response(){
        promotions = new list<promotion>();
    }
}
global class promotion{
    webservice string promo_cd { get; set; }
    webservice string promo_desc { get; set; }
    webservice string expires_after { get; set; }
}

```

24. get_recurring_credit_template_details

```

global class get_recurring_credit_template_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string credit_template_no { get; set; }
    webservice string client_credit_template_id { get; set; }
}
global class get_recurring_credit_template_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice integer credit_template_id {get;set;}
    webservice string credit_template_name {get;set;}
    webservice string client_credit_template_id {get;set;}
    webservice long eligible_plan_no {get;set;}
    webservice string eligible_client_plan_id {get;set;}
    webservice long eligible_service_no {get;set;}
}

```

```

webservice string eligible_client_service_id {get;set;}
webservice list<string> eligible_service_types {get;set;}
webservice integer no_of_credits {get;set;}
webservice integer time_between_credits {get;set;}
webservice String discount_type {get;set;}
webservice decimal discount_amt {get;set;}
webservice long percentage_plan_no {get;set;}
webservice string percentage_client_plan_id {get;set;}
webservice long percentage_service_no {get;set;}
webservice string percentage_client_service_id {get;set;}
webservice long alt_service_no {get;set;}
webservice string alt_client_service_id {get;set;}
webservice list<coupon> coupons { get; set; }

global get_recurring_credit_template_details_response(){
    coupons = new list<coupon>();
    eligible_service_types = new list<string> ();
}
}
global class coupon{
    webservice string coupon_cd { get; set; }
    webservice string coupon_desc { get; set; }
    webservice string coupon_msg { get; set; }
    webservice string start_date { get; set; }
    webservice string end_date { get; set; }
    webservice integer status_ind {get;set;}
    webservice integer no_of_uses {get;set;}
}

```

25. get_supp_field_details

```

// request wrapper for get_supp_field_details
global class get_supp_field_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string field_name { get; set; }
}

// response wrapper for get_supp_field_details
global class get_supp_field_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}

    webservice string field_name { get; set; }
    webservice string field_desc { get; set; }
    webservice integer field_order { get; set; }
    webservice integer required_ind { get; set; }
    webservice integer hidden_ind { get; set; }
    webservice integer sel_ind { get; set; }
    webservice string presentation_mode { get; set; }
    webservice integer min_no_sel { get; set; }
}

```

```

webservice integer max_no_sel { get; set; }
webservice string additional_html { get; set; }
webservice string extra_validation_methods { get; set; }
webservice list<field_option> field_options {get;set;}
webservice list<sel_option> sel_options {get;set;}
global get_supp_field_details_response(){
    field_options = new list<field_option>();
    sel_options = new list<sel_option>();
}
}
global class field_option{
webservice string display_text { get; set; }
webservice string option_value { get; set; }
    webservice integer field_order {get;set;}
}
global class sel_option{
webservice string display_text { get; set; }
webservice string option_value { get; set; }
    webservice integer option_value_order {get;set;}
}
}

```

26. get_supp_fields

```

// request wrapper for get_supp_fields
global class get_supp_fields_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_supp_fields
global class get_supp_fields_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}

    webservice list<supp_field> supp_fields {get;set;}
    global get_supp_fields_response(){
        supp_fields = new list<supp_field>();
    }
}
global class supp_field{
webservice string field_name { get; set; }
webservice string field_desc { get; set; }
    webservice integer field_order {get;set;}
}
}

```

27. get_supp_obj_fields

```

// request wrapper for get_supp_obj_fields
global class get_supp_obj_fields_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string field_no { get; set; }
}
}

```

```

// response wrapper for get_supp_obj_fields
global class get_supp_obj_fields_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}

    webservice long field_no {get;set;}
    webservice string field_name { get; set; }
    webservice string description { get; set; }
    webservice string datatype { get; set; }
    webservice long min_no_sel { get; set; }
    webservice long max_no_sel { get; set; }
    webservice string form_input_type { get; set; }
    webservice list<string> allowed_values { get; set; }
    webservice list<string> associated_objects { get; set; }

    public get_supp_obj_fields_response(){
        allowed_values = new list<string> ();
        associated_objects = new list<string> ();
    }
}

```

28. get_usage_type_details

```

// request wrapper for get_usage_type_details
global class get_usage_type_details_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string usage_type_no { get; set; }
}

// response wrapper for get_usage_type_details
global class get_usage_type_details_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}

    webservice long usage_type_no { get; set; }
    webservice string usage_type_name { get; set; }
    webservice string usage_type_desc { get; set; }
    webservice string usage_type_display_string { get; set; }
    webservice string usage_type_cd { get; set; }
    webservice string usage_type_code { get; set; }
    webservice string usage_unit_type { get; set; }
    webservice string client_usage_unit_type_id { get; set; }
    webservice boolean is_editable { get; set; }
    webservice list<string> supplemental_obj_fields { get; set; }
    global get_usage_type_details_response(){
        supplemental_obj_fields = new list<string>();
    }
}

```

29. get_usage_types

```

// request wrapper for get_usage_types

```

```

global class get_usage_types_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

// response wrapper for get_usage_types
global class get_usage_types_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}

    webservice list<usage_type> usage_types {get;set;}
    global get_usage_types_response(){
        usage_types = new list<usage_type>();
    }
}

global class usage_type{
webservice long usage_type_no { get; set; }
webservice string usage_type_name { get; set; }
    webservice string usage_type_desc {get;set;}

    webservice string unit_type { get; set; }
webservice string usage_type_cd { get; set; }
    webservice boolean is_editable {get;set;}
}

```

30. get_usage_unit_types

```

//request wrapper
global class get_usage_unit_types_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

//response wrapper
global class get_usage_unit_types_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<usage_unit_type> usage_unit_types { get; set; }
    global get_usage_unit_types_response(){
        usage_unit_types = new list<usage_unit_type> ();
    }
}

global class usage_unit_type{
    webservice integer usage_unit_type_no {get;set;}
    webservice string usage_unit_type_desc {get;set;}
    webservice string client_usage_unit_type_id {get;set;}
}

```

31. copy_plan

```

//request wrapper
global class copy_plan_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

```

```

    webservice string plan_no { get; set; }
    webservice string client_plan_id { get; set; }
    webservice string plan_name { get; set; }
    webservice string new_client_plan_id { get; set; }
}
//response wrapper
global class copy_plan_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long plan_no { get; set; }
}

```

32. create_credit_template

```

//request wrapper
global class create_credit_template_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string credit_template_name { get; set; }
    webservice string discount_type { get; set; }
    webservice string discount_amt { get; set; }
    webservice string no_of_credits { get; set; }
    webservice string credit_interval_months { get; set; }
    webservice string eligible_plan_no { get; set; }
    webservice string eligible_client_plan_id { get; set; }
    webservice string eligible_service_no { get; set; }
    webservice string eligible_client_service_id { get; set; }
    webservice list<string> eligible_service_types { get; set; }
    webservice string percentage_plan_no { get; set; }
    webservice string percentage_client_plan_id { get; set; }
    webservice string percentage_service_no { get; set; }
    webservice string percentage_client_service_id { get; set; }
    webservice string alt_service_no { get; set; }
    webservice string alt_client_service_id { get; set; }
    webservice string client_credit_template_id { get; set; }
    webservice list<coupon> coupons { get; set; }
    webservice list<string> existing_coupon { get; set; }
    public create_credit_template_request(){
        eligible_service_types = new list<string> ();
        coupons = new list<coupon> ();
        existing_coupon = new list<string> ();
    }
}
//response wrapper
global class create_credit_template_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string credit_template_no { get; set; }
}

```

33. create_discount_bundle

```

//request wrapper

```

```

global class create_discount_bundle_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string bundle_name { get; set; }
    webservice string bundle_id { get; set; }
    webservice string bundle_description { get; set; }
    webservice string allow_overlap_ind { get; set; }
    webservice list<string> rules { get; set; }
    webservice list<string> rule_ids { get; set; }
    public create_discount_bundle_request(){
        rules = new list<string> ();
        rule_ids = new list<string> ();
    }
}

//response wrapper
global class create_discount_bundle_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string rule_no { get; set; }
}

```

34. create_discount_rule

```

//request wrapper
global class create_discount_rule_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string label { get; set; }
    webservice string rule_id { get; set; }
    webservice string description { get; set; }
    webservice string ext_description { get; set; }
    webservice string flat_percent_ind { get; set; }
    webservice string amount { get; set; }
    webservice string rule_currency { get; set; }
    webservice string duration_type_ind { get; set; }
    webservice string inline_offset_ind { get; set; }
    webservice string service_code_to_use { get; set; }
    webservice string scope_no { get; set; }
    webservice string max_applicable_months { get; set; }
    webservice string max_applications_per_acct { get; set; }
    webservice string alt_service_no_2_apply { get; set; }
    webservice string applicable_trans_scope { get; set; }
    webservice list<string> plan_nos { get; set; }
    webservice list<string> client_plan_ids { get; set; }
    webservice list<string> service_nos { get; set; }
    webservice list<string> client_service_ids { get; set; }
    webservice list<string> item_nos { get; set; }
    webservice list<string> client_item_ids { get; set; }
    webservice string use_all_or_nth_subs_rule { get; set; }
    global create_discount_rule_request(){
        plan_nos = new list<string> ();
        client_plan_ids = new list<string> ();
        service_nos = new list<string> ();
    }
}

```

```

        client_service_ids = new list<string> ();
        item_nos = new list<string> ();
        client_item_ids = new list<string> ();
    }
}

// response wrapper
global class create_discount_rule_response{
    webservice long error_code {get; set;}
    webservice string error_msg {get; set;}
    webservice string rule_no {get; set;}
}

```

35. **create_inventory_item**

```

//request wrapper for create_inventory_item
global class create_inventory_item_request{
webservice string client_no { get; set; }
webservice string auth_key { get; set; }
webservice string remote_site_url { get; set; }
webservice string item_type { get; set; }
webservice string item_name { get; set; }
webservice string item_desc { get; set; }
webservice list<service> services { get; set; }
webservice string client_sku { get; set; }
webservice string currency_cd { get; set; }
webservice string item_price { get; set; }
webservice string client_item_id { get; set; }
webservice string active_ind { get; set; }
webservice string invoice_advancement_months { get; set; }
webservice string plan_no { get; set; }
webservice string client_plan_id { get; set; }
webservice string tax_inclusive_ind { get; set; }
webservice string modify_price_ind { get; set; }
webservice string subunit_qty { get; set; }
webservice string subunit_label { get; set; }
webservice string days_to_expiry { get; set; }
webservice string resource_type_no { get; set; }
webservice string resource_units { get; set; }
webservice string stock_level_track { get; set; }
webservice string stock_level_adjust { get; set; }
webservice list<string> parent_class { get; set; }
webservice list<string> supplemental_obj_field { get; set; }
webservice list<image> images { get; set; }

global create_inventory_item_request(){
    services = new list<service> ();
    parent_class = new list<string> ();
    supplemental_obj_field = new list<string> ();
    images = new list<image> ();
}
}

// response wrapper for create_inventory_item
global class create_inventory_item_response{

```



```

    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string item_no {get;set;}
    webservice string currency_cd {get;set;}
}

```

36. create_item_class

```

// request wrapper for create_item_class
global class create_item_class_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }

    webservice string class_name { get; set; }
    webservice string class_desc { get; set; }
    webservice string active_ind { get; set; }
    webservice string client_inventory_class_id { get; set; }
    webservice list<string> class_no { get; set; }
    global create_item_class_request(){
        class_no = new list<string> ();
    }
}

// response wrapper for create_item_class
global class create_item_class_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long class_no {get;set;}
}

```

37. list_promo_sets

```

//request wrapper for list_promo_sets
global class list_promo_sets_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
}

//response wrapper for list_promo_sets
global class list_promo_sets_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<list_promo_plan_set> list_promo_plan_sets { get;
set; }

    global list_promo_sets_response(){
        list_promo_plan_sets = new list<list_promo_plan_set>();
    }
}

global class list_promo_plan_set{
    webservice integer plan_set_no { get; set; }
    webservice string set_name { get; set; }
    webservice string set_description { get; set; }
    webservice string client_plan_type_id { get; set; }
}

```

38. create_plan_group

```
//request wrapper for create_plan_group
global class create_plan_group_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string group_name { get; set; }
    webservice string group_desc { get; set; }
    webservice string group_usage { get; set; }
    webservice string client_plan_change_group_id { get; set; }
    webservice string group_plans { get; set; }
    webservice string group_plan_ids { get; set; }
}
//response wrapper for create_plan_group
global class create_plan_group_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long group_no { get; set; }
}
```

39. create_promo_plan_set

```
//request wrapper for create_promo_plan_set
global class create_promo_plan_set_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string promo_plan_set_name { get; set; }
    webservice string promo_plan_set_desc { get; set; }
    webservice string client_plan_type_id { get; set; }
    webservice string plan_no { get; set; }
    webservice string client_plan_id { get; set; }
}
//response wrapper for create_promo_plan_set
global class create_promo_plan_set_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long promo_plan_set_no { get; set; }
}
```

40. create_promotion

```
//request wrapper for create_promotion
global class create_promotion_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string promo_cd { get; set; }
    webservice string promo_desc { get; set; }
    webservice string promo_plan_set_no { get; set; }
    webservice string no_of_uses { get; set; }
    webservice string start_date { get; set; }
}
```

```

        webservice string exp_date { get; set; }
    }
    //response wrapper for create_promotion
    global class create_promotion_response{
        webservice long error_code {get;set;}
        webservice string error_msg {get;set;}
        webservice string promo_cd { get; set; }
    }

```

41. create_service

```

//request wrapper for create_service
global class create_service_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string service_name { get; set; }
    webservice string service_type { get; set; }
    webservice string gl_cd { get; set; }
    webservice string taxable_ind { get; set; }
    webservice string tax_group { get; set; }
    webservice string usage_type { get; set; }
    webservice string client_service_id { get; set; }
    webservice list<string> supplemental_obj_field { get; set; }
    global create_service_request(){
        supplemental_obj_field = new list<string> ();
    }
}
//response wrapper for create_service
global class create_service_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long service_no { get; set; }
}

```

42. create_supp_field

```

//request wrapper for create_supp_field
global class create_supp_field_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string field_name { get; set; }
    webservice string field_order { get; set; }
    webservice string presentation_mode { get; set; }
    webservice string field_desc { get; set; }
    webservice string required_ind { get; set; }
    webservice string hidden_ind { get; set; }
    webservice string sel_ind { get; set; }
    webservice string min_no_sel { get; set; }
    webservice string max_no_sel { get; set; }
    webservice string display_text { get; set; }
    webservice string option_value { get; set; }
    webservice string option_value_order { get; set; }
}
//response wrapper for create_supp_field

```

```

global class create_supp_field_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice string field_name { get; set; }
}

```

43. create_usage_type

```

//request wrapper for create_usage_type
global class create_usage_type_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string usage_type_name { get; set; }
    webservice string usage_type_desc { get; set; }
    webservice string usage_unit_type_no { get; set; }
    webservice string usage_type_code { get; set; }
    webservice string usage_type_display_string { get; set; }
}
//response wrapper for create_usage_type
global class create_usage_type_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long usage_type_no { get; set; }
}

```

44. create_bundles

```

//request wrapper for delete_bundles
global class delete_bundles_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice list<string> bundle_nos { get; set; }
    global delete_bundles_request(){
        bundle_nos = new list<string> ();
    }
}
//response wrapper for delete_bundles
global class delete_bundles_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
}

```

45. delete_coupons

```

//request wrapper for delete_coupons
global class delete_coupons_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice list<string> coupon_nos { get; set; }
    global delete_coupons_request(){
        coupon_nos = new list<string>();
    }
}
//response wrapper for delete_coupons
global class delete_coupons_response{

```

```

    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<integer> coupon_no {get; set;}
    global delete_coupons_response(){
        coupon_no = new list<integer>();
    }
}

```

46. delete_plan_group

```

//request wrapper for delete_plan_group
global class delete_plan_group_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string group_list { get; set; }
}
//response wrapper for delete_plan_group
global class delete_plan_group_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<plan_group> plan_groups {get; set;}
    global delete_plan_group_response(){
        plan_groups = new list<plan_group>();
    }
}

```

47. delete_plans

```

//request wrapper for delete_plans
global class delete_plans_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice list<string> plan_nos { get; set; }

    global delete_plans_request(){
        plan_nos = new list<string>();
    }
}
//response wrapper for delete_plans
global class delete_plans_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice list<plan> plans {get; set;}

    global delete_plans_response(){
        plans = new list<plan>();
    }
}

```

48. delete_rules

```

//request wrapper for delete_rules
global class delete_rules_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice list<string> rule_nos { get; set; }
}

```

```

        global delete_rules_request(){
            rule_nos = new list<string>();
        }
    }
    //response wrapper for delete_rules
    global class delete_rules_response{
        webservice long error_code {get;set;}
        webservice string error_msg {get;set;}
    }

```

49. delete_templates

```

    //request wrapper for delete_templates
    global class delete_templates_request{
        webservice string client_no { get; set; }
        webservice string auth_key { get; set; }
        webservice string remote_site_url { get; set; }
        webservice list<string> template_nos { get; set; }

        global delete_templates_request(){
            template_nos = new list<string>();
        }
    }
    //response wrapper for delete_templates
    global class delete_templates_response{
        webservice long error_code {get;set;}
        webservice string error_msg {get;set;}
    }

```

50. update_credit_template

```

    //request wrapper for update_credit_template
    global class update_credit_template_request{
        webservice string client_no { get; set; }
        webservice string auth_key { get; set; }
        webservice string remote_site_url { get; set; }
        webservice string credit_template_no { get; set; }
        webservice string credit_template_name { get; set; }
        webservice string discount_type { get; set; }
        webservice string discount_amt { get; set; }
        webservice string no_of_credits { get; set; }
        webservice string credit_interval_months { get; set; }
        webservice string client_credit_template_id { get; set; }
        webservice string eligible_plan_no { get; set; }
        webservice string eligible_client_plan_id { get; set; }
        webservice string eligible_service_no { get; set; }
        webservice string eligible_client_service_id { get; set; }
        webservice string percentage_plan_no { get; set; }
        webservice string percentage_client_plan_id { get; set; }
        webservice string percentage_service_no { get; set; }
        webservice string percentage_client_service_id { get; set; }
        webservice string alt_service_no { get; set; }
        webservice string alt_client_service_id { get; set; }
        webservice list<string> eligible_service_types { get; set; }
        webservice list<string> existing_coupons { get; set; }
        webservice list<coupon> coupons { get; set; }
        global update_credit_template_request(){
            eligible_service_types = new list<string>();
        }
    }

```

```

        existing_coupons = new list<string>();
        coupons = new list<coupon>();
    }
}
//response wrapper for update_credit_template
global class update_credit_template_response{
    webservice long error_code {get;set;}
    webservice string error_msg {get;set;}
    webservice long credit_template_no {get;set;}
}

```

51. create_new_plan

```

//request wrapper for create_new_plan
global class create_new_plan_request{
    webservice string client_no { get; set; }
    webservice string auth_key { get; set; }
    webservice string remote_site_url { get; set; }
    webservice string plan_name { get; set; }
    webservice string plan_description { get; set; }
    webservice string plan_type { get; set; }
    webservice string plan_currency { get; set; }
    webservice string billing_interval { get; set; }
    webservice string client_plan_id { get; set; }
    webservice list<string> plan_group { get; set; }
    webservice list<string> plan_group_id { get; set; }
    webservice string usage_billing_interval { get; set; }
    webservice string active { get; set; }
    webservice string rollover_months { get; set; }
    webservice string rollover_plan_no { get; set; }
    webservice string rollover_client_plan_id { get; set; }
    webservice string initial_free_months { get; set; }
    webservice string acct_status_cd { get; set; }
    webservice string rollover_status_days { get; set; }
    webservice string rollover_status_cd { get; set; }
    webservice string dunning_plan_no { get; set; }
    webservice string dunning_client_plan_id { get; set; }
    webservice string template_no { get; set; }
    webservice string client_email_template_id { get; set; }
    webservice string apply_cancellation { get; set; }
    webservice string plan_cancel_min_month { get; set; }
    webservice string apply_minimum_fee { get; set; }
    webservice string how_to_apply_minimum_fee { get; set; }
    webservice list<plan_service> services { get; set; }
    webservice list<plan_resource> plan_resources { get; set; }
    webservice string arc_service_no { get; set; }
    webservice string template_ind { get; set; }
    webservice string notification_template_group_no { get; set; }
    webservice string credit_note_template_no { get; set; }
    webservice list<string> parent_plans { get; set; }
    webservice list<string> parent_client_plan_id { get; set; }
    webservice list<string> exclusion_plan { get; set; }
    webservice list<string> supplemental_obj_field { get; set; }
    webservice list<string> child_plan { get; set; }
    webservice list<string> surcharge_nos { get; set; }
    webservice list<string> client_surcharge_ids { get; set; }
    webservice list<schedule> schedules { get; set; }
}

```

```

global create_new_plan_request(){
    schedules = new list<schedule>();
    services = new list<plan_service>();
    plan_resources = new list<plan_resource>();
    plan_group = new list<string>();
    plan_group_id = new list<string>();
    parent_plans = new list<string>();
    parent_client_plan_id = new list<string>();
    exclusion_plan = new list<string>();
    supplemental_obj_field = new list<string>();
    child_plan = new list<string>();
    surcharge_nos = new list<string>();
    client_surcharge_ids = new list<string>();
}
}
//response wrapper for create_new_plan
global class create_new_plan_response{
    webservice long error_code {get;set;};
    webservice string error_msg {get;set;};
    webservice long plan_no {get;set;};
}
global class schedule{
    webservice string schedule_name {get;set;};
    webservice string currency_cd {get;set;};
    webservice string client_rate_schedule_id {get;set;};
    webservice string is_default {get;set;};
}
global class plan_service{
    webservice string service_no {get;set;};
    webservice string client_service_id {get;set;};
    webservice string name {get;set;};
    webservice string service_type {get;set;};
    webservice string gl_cd {get;set;};
    webservice string taxable_ind {get;set;};
    webservice string tax_group {get;set;};
    webservice string usage_type {get;set;};
    webservice string rate_type {get;set;};
    webservice string pricing_rule {get;set;};
    webservice string high_water {get;set;};
    webservice string tax_inclusive_ind {get;set;};
    webservice list<service_tier> tiers {get;set;};
    global plan_service(){
        tiers = new list<service_tier>();
    }
}
global class plan_resource{
    webservice string resource_no {get;set;};
    webservice string resource_name {get;set;};
    webservice string resource_description {get;set;};
    webservice string flat_threshold {get;set;};
    webservice string resource_units {get;set;};
    webservice string expire_on_paid_through {get;set;};
    webservice string additional_days {get;set;};
    webservice string reset_on_update {get;set;};
}
global class service_tier{

```



```
webservice string t_from {get;set;}
webservice string to {get;set;}
webservice list<string> price {get;set;}
global service_tier(){
    price = new list<string>();
}
}
```