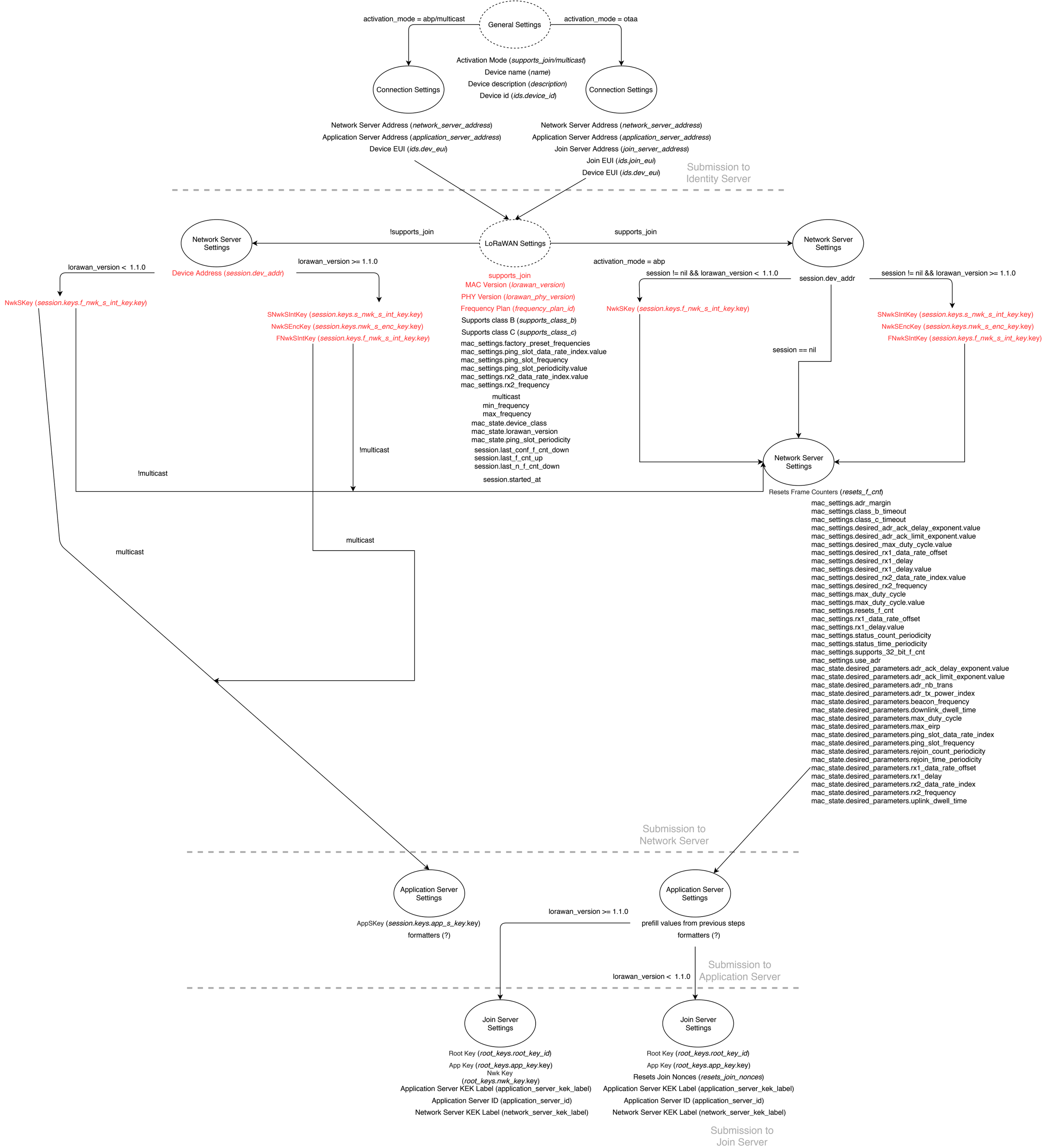
General Settings
activation_mode = abp/multicast
activation_mode = otaa
Activation Mode (supports_join/multicast)
Device name (name)
Device description (description)
Device id (ids.device_id)
Connection Settings
Connection Settings
Network Server Address (network_server_address)
Application Server Address (application_server_address)
Device EUI (ids.dev_eui)
Network Server Address (network_server_address)
Application Server Address (application_server_address)
Join Server Address (join_server_address)
Join EUI (ids.join_eui)
Device EUI (ids.dev_eui)
Submission to Identity Server
Network Server Settings
!supports_join
LoRaWAN Settings
supports_join
Network Server Settings
lorawan_version < 1.1.0
Device Address (session.dev_addr)
lorawan_version >= 1.1.0
supports_join
MAC Version (lorawan_version)
PHY Version (lorawan_phy_version)
Frequency Plan (frequency_plan_id)
Supports class B (supports_class_b)
Supports class C (supports_class_c)
mac_settings.factory_preset_frequencies
mac_settings.ping_slot_data_rate_index.value
mac_settings.ping_slot_frequency
mac_settings.ping_slot_periodicity.value
mac_settings.rx2_data_rate_index.value
mac_settings.rx2_frequency
multicast
min_frequency
max_frequency
mac_state.device_class
mac_state.lorawan_version
mac_state.ping_slot_periodicity
session.last_conf_f_cnt_down
session.last_f_cnt_up
session.last_n_f_cnt_down
session.started_at
activation_mode = abp
session != nil && lorawan_version < 1.1.0
session.dev_addr
session != nil && lorawan_version >= 1.1.0
NwkSKey (session.keys.f_nwk_s_int_key.key)
SNwkSIntKey (session.keys.s_nwk_s_int_key.key)
NwkSEncKey (session.keys.nwk_s_enc_key.key)
FNwkSIntKey (session.keys.f_nwk_s_int_key.key)
NwkSKey (session.keys.f_nwk_s_int_key.key)
SNwkSIntKey (session.keys.s_nwk_s_int_key.key)
NwkSEncKey (session.keys.nwk_s_enc_key.key)
FNwkSIntKey (session.keys.f_nwk_s_int_key.key)
session == nil
!multicast
!multicast
multicast
multicast
Network Server Settings
Resets Frame Counters (resets_f_cnt)
mac_settings.adr_margin
mac_settings.class_b_timeout
mac_settings.class_c_timeout
mac_settings.desired_adr_ack_delay_exponent.value
mac_settings.desired_adr_ack_limit_exponent.value
mac_settings.desired_max_duty_cycle.value
mac_settings.desired_rx1_data_rate_offset
mac_settings.desired_rx1_delay
mac_settings.desired_rx1_delay.value
mac_settings.desired_rx2_data_rate_index.value
mac_settings.desired_rx2_frequency
mac_settings.max_duty_cycle
mac_settings.max_duty_cycle.value
mac_settings.resets_f_cnt
mac_settings.rx1_data_rate_offset
mac_settings.rx1_delay.value
mac_settings.status_count_periodicity
mac_settings.status_time_periodicity
mac_settings.supports_32_bit_f_cnt
mac_settings.use_adr
mac_state.desired_parameters.adr_ack_delay_exponent.value
mac_state.desired_parameters.adr_ack_limit_exponent.value
mac_state.desired_parameters.adr_nb_trans
mac_state.desired_parameters.adr_tx_power_index
mac_state.desired_parameters.beacon_frequency
mac_state.desired_parameters.downlink_dwell_time
mac_state.desired_parameters.max_duty_cycle
mac_state.desired_parameters.max_eirp
mac_state.desired_parameters.ping_slot_data_rate_index
mac_state.desired_parameters.ping_slot_frequency
mac_state.desired_parameters.rejoin_count_periodicity
mac_state.desired_parameters.rejoin_time_periodicity
mac_state.desired_parameters.rx1_data_rate_offset
mac_state.desired_parameters.rx1_delay
mac_state.desired_parameters.rx2_data_rate_index
mac_state.desired_parameters.rx2_frequency
mac_state.desired_parameters.uplink_dwell_time
Submission to Network Server
Application Server Settings
AppSKey (session.keys.app_s_key.key)
formatters (?)
Application Server Settings
prefill values from previous steps
formatters (?)
lorawan_version >= 1.1.0
lorawan_version < 1.1.0
Submission to Application Server
Join Server Settings
Root Key (root_keys.root_key_id)
App Key (root_keys.app_key.key)
Nwk Key (root_keys.nwk_key.key)
Application Server KEK Label (application_server_kek_label)
Application Server ID (application_server_id)
Network Server KEK Label (network_server_kek_label)
Join Server Settings
Root Key (root_keys.root_key_id)
App Key (root_keys.app_key.key)
Resets Join Nonces (resets_join_nonces)
Application Server KEK Label (application_server_kek_label)
Application Server ID (application_server_id)
Network Server KEK Label (network_server_kek_label)
Submission to Join Server