T-Server for CSTA Connector Deployment Guide

Unregistered DNs

12/19/2025

Unregistered DNs

You can request registration on DNs that are not registered in the configuration environment. The Disconnect Detection Protocol (DDP) is designed to accept unknown switch-specific types that are configured in the configuration environment. You are able to override the default value for a switch-specific type by using the `SwitchSpecificType` key in the `Extensions` attribute provided in the `TRegisterAddress` request.

The `AttributeAddressType` in the `TRegisterAddress` request replaces the DN-specific information that is obtained from the configuration environment. If this DN-specific information is missing, T-Server uses the values taken from the configuration options or applies the default values where ever possible.

T-Server does not accept `TRegisterAddress` requests in the following scenarios:

- T-Server does not have enough information to create a DN and perform the registration with the PBX.
- There is a request for registration on a reserved DN.
- There is a request for registration on a device where the registration in Configuration Manager is disabled in the configuration environment.
- The PBX device is not compatible with the device type requested for registration.

T-Server initiates the DN registration procedure on the PBX level after accepting the `TRegisterAddress` request from the first client on that DN when the PBX communication protocol requires this type of registration. The registration procedure at the PBX level could include following steps:

1. Monitor requests on a specified DN
2. Snapshot calls on the DN
3. Query device features on DN

Consecutive `TRegisterAddress` requests for the same DN do not re-initiate the registration procedure.

Supported Configuration

The following table displays the supported set of device types that are not configured in the Configuration Layer, but that T-Server can register by using the `AttributeAddressType Extensions` attribute from the client's TRegisterAddress request:

Supported T-Library Device Types in Client Requests

T-Library Type	Configuration Layer Device Type
AddressTypeDN	Extension

AddressTypeQueue	ACD Queue
AddressTypeRouteDN	Routing Point
AddressTypeRouteQueue	Routing Queue

Unsupported `AddressType` values received by T-Server in `TRegisterAddress` requests are processed in the same way as `TRegisterAddress` requests with the value of the `AttributeControlMode` Extensions attribute equal (=) to `RegisterLocal`.