

Function Specification BCE

Ericsson Dynamic Activation 1

FUNCTION SPECIFICATION

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1 Introduction

This section is an introduction to this document. It contains information about the prerequisites, purpose, scope, and target group for the document. This section also contains explanations of typographic conventions used in this document.

1.1 Purpose and Scope

This document gives a brief introduction to the Business Communication Enabler (BCE) provisioning solution, provided by Ericsson™ Dynamic Activation (EDA).

1.2 Target Group

The target group for this document is as follows:

- Application Administrator
- Marketing
- Network Administrator
- System Administrator
- Network Supervision Administrator
- Application Designer

For more information regarding the different target groups, see *Library Overview* Reference [1].

1.3 Typographic Conventions

Typographic conventions are described in *Library Overview* Reference [1].

2 BCE Provisioning Solution

2.1 Overview

An overview of the provisioning flow for BCE is shown in Figure 1.



Figure 1 Provisioning Flow for BCE

- **BSS** – Initiates the provisioning request towards Dynamic Activation.
- **Dynamic Activation** – A provisioning system that provides a single provisioning interface towards the Business Support System (BSS), by hiding the complexities of provisioning multiple underlying network elements.
- **BCE** – A node in the Ericsson IP Multimedia Subsystem (IMS) network that offers a unique unified collaboration and multimedia experience to the enterprise segment and provides conferencing services, company group services, Enterprise Value-Added Services (EVAS), and corporate directory services.
- **UP** – Unified Provisioning (UP) web service is based on SOAP 1.1. SOAP uses an Internet application layer protocol as a transport protocol, such as Simple Mail Transfer Protocol (SMTP) or HTTP.

There can be more than one BCE node included in an NE cluster. All nodes are used for BCE provisioning following the `ActiveActive` cluster strategy.

For more information about the configuration of `ActiveActive` cluster strategy and Dynamic Activation in the deployment, refer to *Configuration Manual for Resource Activation*, Reference [3].

2.2 BCE Provisioning

CAI3G is offered for provisioning of BCE. Through the CAI3G provisioning interface, it is possible to perform the following Customer Service Orders (CSOs):

- `Create/Set/Get/Delete Company MO`

This MO is used to provision Company in BCE.



- `Create/Set/Get/Delete OrganizationUnit MO`
This MO is used to provision Organization Unit in BCE.
- `Create/Set/Get/Delete User MO`
This MO is used to provision User in BCE.
- `Create/Set/Get/Delete AutoAttendant MO`
This MO is used to provision Auto Attendant in BCE.
- `Create/Set/Get/Delete AudioConference MO`
This MO is used to provision Audio Conference in BCE.
- `Create/Set/Get/Delete CallDistributionGroup MO`
This MO is used to provision Call Distribution Group in BCE.
- `Create/Set/Get/Delete CallBarringProfile MO`
This MO is used to provision Call Barring Profile in BCE.
- `Create/Set/Get/Delete ConnectionProfile MO`
This MO is used to provision Connection Profile in BCE.
- `Set/Get/Delete File MO`
This MO is used to provision File in BCE.
- `Create/Get/Delete CompanyFile MO`
This MO is used to provision Company File in BCE.

For more information, refer to *BCE Provisioning over CAI3G*, Reference [2].





Reference List

Ericsson Documents

- [1] *Library Overview*, 18/1553-CSH 109 628 Uen
- [2] *BCE Provisioning over CAI3G*, 1/155 19-CSH 109 62 Uen
- [3] *Configuration Manual for Resource Activation*, 2/1543-CSH 109 62 Uen