

Parameter List for CEE Deployment

Ericsson Dynamic Activation 1

ENGINEERING DATA

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Contents

1	Introduction	1
1.1	Target Groups	1
1.2	Typographic Conventions	1
1.2.1	Parameters	1
2	Configuration	3
3	Disk Partitioning	5
	Reference List	7





1 Introduction

This document describes the basic information on how to configure a Dynamic Activation system in a Cloud Execution Environment (CEE) deployment. By using this document readers are able to get necessary information about the parameters used in the installation.

1.1 Target Groups

The target groups for this document are as follows:

- Network Administrator
- System Administrators
- System Integrator
- Technicians who perform the VNF installation

Basic knowledge about Linux and general information about Dynamic Activation is needed for installation of the software.

1.2 Typographic Conventions

Typographic conventions are described in the document *Library Overview*, Reference [3].

For information about abbreviations used throughout this document refer to *Glossary of Terms and Acronyms*, Reference [1].

1.2.1 Parameters

The parameters in this document can be of the following types:

P - Predefined, not possible to change.

C - Customer configured after discussions with Ericsson.

D - Default, possible to change.

S - Site specific parameters. The site specific parameters can be identified in *Customer Questionnaire for Virtual and Cloud Deployment*, Reference [2].





2 Configuration

The following tables list parameters used when configuring Dynamic Activation in a CEE environment.

For more detailed information regarding network configuration, refer to *Network Description and Configuration for Virtual and Cloud Deployment*, Reference [4].

Note: For Dynamic Activation deployed in CEE environment, only pure IPv4 is supported.

Table 1 Parameter List for CEE Deployment

Parameter	Description
Management/provisioning network address	The address for the network in which Dynamic Activation must be at least a size /28 network.
Management network gateway	The address to the gateway of the management network. This is the network.
Public Management DHCP net pool start	Start of management network IP address allocation pool for dynamic Activation external interfaces. Normally the first IP address is allocated to the vrrp gateway. The last two are the CMX-26 and CMX-28 IP addresses.
Public Management DHCP net pool end	End of management network IP address allocation pool for dynamic Activation external interfaces. The last IP address is used for broadcast.
VLAN ID (Customer Edge Router)	The VLAN ID configured in the customer edge router for the management network.
Internal Network Address	The address for the internal network in which Dynamic Activation must be at least a size /24 network.
Instance host name prefix	The prefix name that will be the first part of all host instance names.
DNS Primary IP	Address to primary DNS
Redundant DNS Server IP	Address to secondary DNS
NTP Server IP	Address to primary NTP server
Redundant NTP Server IP	Address to secondary NTP server
Ephemeral size	Size of the ephemeral disk that will be attached to each Dynamic Activation Cassandra (node-1, node-2, node-3)
Time zone	Time zone where the Dynamic Activation system will be located.
Virtual Router ID	Virtual Router ID for VRRP implementation





3 Disk Partitioning

The following table lists configurable parameters for disk partitioning.

For information about changing size of the partitions, see *System Administrators Guide for Virtual and Cloud Deployment*, Reference [5].

Table 2 Disk Partitioning Labels

Label	Device name	Mount point	Size	Description	Type
CAS_D ATA	/dev/vdb2	/var/cassandra/ data	Ephemeral stor age allocated to VM during deploy time –10 GB (CAS_COM LOG)	Cassandra Data storage.	P





Reference List

- [1] *Glossary of Terms and Acronyms*, 0033-CSH 109 628 Uen
- [2] *Customer Questionnaire for Virtual and Cloud Deployment*, 2/1057-CSH 109 628 Uen
- [3] *Library Overview*, 18/1553-CSH 109 628 Uen
- [4] *Network Description and Configuration for Virtual and Cloud Deployment*, 1/1551-CSH 109 628 Uen
- [5] *System Administrators Guide for Virtual and Cloud Deployment*, 3/1543-CSH 109 628 Uen