

OpenStack Identity API in CEE

Cloud Execution Environment

INTERWORK DESCRIPTION

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1 Introduction

This document serves as an introduction to the use of the Application Programming Interface (API) of the OpenStack component “Identity” (Keystone) in the Cloud Execution Environment (CEE).

1.1 API Version

The CEE Identity API is based on OpenStack Identity API v2.

Note: API v3 is supported and referenced, but as not all components in Mitaka support Identity API v3, it is not configured in the existing Keystone policy. Applications using the REST API do not see Identity API v3 endpoint in the Keystone catalog and detect v2 support only.

1.2 Document References

This section contains the official OpenStack API reference.

1.2.1 API Design Base Reference

For the description of the API operations and extensions of identity, refer to the sections “Identity API v3 (CURRENT)” and “Identity API v3 extensions (CURRENT)” in the OpenStack API Complete Reference, Reference [1].

This is a stored copy of the OpenStack API Reference document version that was the base for the development of this version of CEE.

All references to this OpenStack API made in this document are based on this specific document version. The document may include API Extensions that are not supported in this version of CEE. See Section 2.2 on page 2 for details.

Note:

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2 Supported Operations

The following sections contain information about the API operations and API extensions in the CEE.

2.1 Basic OpenStack Operations

CEE Identity supports all basic Identity API operations.

For the detailed description of basic Identity API operations, refer to the sections “Identity API v3 (CURRENT)” and “Identity API v3 extensions (CURRENT)” in the OpenStack API Complete Reference, Reference [1].

2.1.1 Limitations

Not applicable.

2.2 OpenStack Extensions

This section lists the OpenStack API extensions that are used in the CEE.

CEE Identity supports the Identity API v3 extensions documented the section “Identity API v3 extensions (CURRENT)” in the OpenStack API Complete Reference, Reference [1].



3 Ericsson Extensions

CEE Identity does not include any Ericsson-specific extensions.



4 Limitations and Recommendations

This section describes CEE specific limitations and recommendations.

4.1 Limitations

Not applicable.

4.2 Recommendations

Not applicable.



Reference List

- [1] *OpenStack API Complete Reference*, 1/155 19-CSA 113 085/4 Uen