



GROUP SPECIFICATION

## **Mobile Edge Computing (MEC); General principles for Mobile Edge Service APIs**

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Reference

DGS/MEC-0009ApiPrinciples

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Keywords

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## Foreword

This Group Specification (GS) has been produced by ETSI Industry Specification Group (ISG) Mobile Edge Computing (MEC).

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## Modal verbs terminology

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# 1 Scope

The present document defines design principles for RESTful mobile edge service APIs, provides guidelines and templates for the documentation of these, and defines patterns of how mobile edge service APIs use RESTful principles.

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## 2 References

### 2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <https://docbox.etsi.org/Reference>.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are necessary for the application of the present document.

[1] IETF RFC 7231: "Hypertext Transfer Protocol (HTTP/1.1): Semantics and Content".

NOTE: Available at <https://tools.ietf.org/html/rfc7231>.

[2] IETF RFC 7232: "Hypertext Transfer Protocol (HTTP/1.1): Conditional Requests".

NOTE: Available at <https://tools.ietf.org/html/rfc7232>.

[3] IETF RFC 5789: "PATCH Method for HTTP".

NOTE: Available at <https://tools.ietf.org/html/rfc5789>.

[4] IETF RFC 6901: "JavaScript Object Notation (JSON) Pointer".

NOTE: Available at <https://tools.ietf.org/html/rfc6901>.

[5] IETF RFC 7396: "JSON Merge Patch".

NOTE: Available at <https://tools.ietf.org/html/rfc7396>.

[6] IETF RFC 6902: "JavaScript Object Notation (JSON) Patch".

NOTE: Available at <https://tools.ietf.org/html/rfc6902>.

[7] IETF RFC 5261: "An Extensible Markup Language (XML) Patch Operations Framework Utilizing XML Path Language (XPath) Selectors".

NOTE: Available at <https://tools.ietf.org/html/rfc5261>.

[8] IETF RFC 6585: "Additional HTTP Status Codes".

NOTE: Available at <https://tools.ietf.org/html/rfc6585>.

[9] IETF RFC 3986: "Uniform Resource Identifier (URI): Generic Syntax".

NOTE: Available at <https://tools.ietf.org/html/rfc3986>.

[10] IETF RFC 7159: "The JavaScript Object Notation (JSON) Data Interchange Format".

NOTE: Available at <https://tools.ietf.org/html/rfc7159>.