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**Source:** SA5 (Telecom Management)  
**Title:** Rel-5 CR 32.603 (Basic Configuration Management IRP: CORBA solution set) : Alignment with Basic CM IRP information service (32.602) - add one exception for the operation createMO  
**Document for:** Approval  
**Agenda Item:** 7.5.3

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Doc-1st-	Spec	CR	R	Ph	Subject	Cat	Ver	Doc-2nd-	Workite
SP-030279	32.603	010	-	Rel-5	Alignment with Basic CM IRP information service (32.602) - add one exception for the operation createMO	F	5.1.0	S5-036662	OAM-NIM

## CHANGE REQUEST

⌘ **32.603 CR 010** ⌘ rev - ⌘ Current version: **5.1.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** UICC apps  ME  Radio Access Network  Core Network

<b>Title:</b>	⌘ Alignment with Basic CM IRP information service (32.602) - add one exception for the operation createMO		
<b>Source:</b>	⌘ CMCC/BUPT (Rui Lanlan, llrui@BUPT.EDU.CN)		
<b>Work item code:</b>	⌘ OAM-NIM	<b>Date:</b>	⌘ 23/05/2003
<b>Category:</b>	⌘ <b>F</b>	<b>Release:</b>	⌘ Rel-5
	<i>Use one of the following categories:</i> <b>F</b> (correction) <b>A</b> (corresponds to a correction in an earlier release) <b>B</b> (addition of feature), <b>C</b> (functional modification of feature) <b>D</b> (editorial modification) Detailed explanations of the above categories can be found in 3GPP <a href="#">TR 21.900</a> .	<i>Use one of the following releases:</i> <b>2</b> (GSM Phase 2) <b>R96</b> (Release 1996) <b>R97</b> (Release 1997) <b>R98</b> (Release 1998) <b>R99</b> (Release 1999) <b>Rel-4</b> (Release 4) <b>Rel-5</b> (Release 5) <b>Rel-6</b> (Release 6)	

<b>Reason for change:</b>	⌘ One exception for the operation createMO needs to be added to align with the Basic CM IRP Information Service in 32.602.
<b>Summary of change:</b>	⌘ One exception for createMO is added.
<b>Consequences if not approved:</b>	⌘ This Solution Set would not be aligned with the Basic CM IRP Information Service in TS 32.602.

<b>Clauses affected:</b>	⌘ Clause 1, 6.2, Annex A.										
<b>Other specs affected:</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; text-align: center;">Y</td> <td style="width: 20px; text-align: center;">N</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> </table>	Y	N		X		X		X	Other core specifications Test specifications O&M Specifications	⌘
Y	N										
	X										
	X										
	X										
<b>Other comments:</b>	⌘										

**How to create CRs using this form:**

## Change in Clause 1

### 1 Scope

The purpose of this *Basic Configuration Management (CM) IRP: CORBA Solution Set* is to define the mapping of the Basic CM IRP: IS (see 3GPP TS 32.602 [4]) to the protocol specific details necessary for implementation of this IRP in a CORBA/IDL environment.

This document defines NRM independent data types and methods.

This Solution Set specification is related to 3G TS 32.602 V5.01.X.

## End of Change in Clause 1

## Change in Clause 6.2

### 6.2 Operation mapping

...

**Table 6: Mapping from IS createMo parameters to SS equivalents**

IS Operation parameter	SS Method parameter	Qualifier
managedObjectClass managedObjectInstance	in DN objectName	M
referenceObjectInstance	in DN referenceObject	O
attributeListIn attributeListOut	inout MoAttributeSet attributes	M
status	out AttributeErrorSeq attributeErrors Exceptions: CreateManagedObject, ManagedGenericIRPSystem::OperationNotSupported, ManagedGenericIRPSystem::ParameterNotSupported, ManagedGenericIRPSystem::InvalidParameter, UndefinedMOException, IllegalDNFormatException, DuplicateMO, CreateNotAllowed, ObjectClassMismatch, NoSuchObjectClass, <a href="#">ParentObjectDoesNotExist</a>	M

## End of Change in Clause 6.2

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## Annex A (normative): CORBA IDL, Access Protocol

...

```
/**
 * A set of strings.
 */
typedef sequence<string> StringSet;

};

exception IllegalFilterFormatException {
    string reason;
};
exception IllegalDNFormatException {
    string reason;
};
exception IllegalScopeTypeException {
    string reason;
};
exception IllegalScopeLevelException {
    string reason;
};
exception UndefinedMOException {
    string reason;
};

exception UndefinedScopeException {
    string reason;
};

exception FilterComplexityLimit {
    string reason;
};

exception DuplicateMO {};

exception CreateNotAllowed {};

exception ObjectClassMismatch {};

exception NoSuchObjectClass {
    MOClass objectClass;
};

exception ParentObjectDoesNotExist {};
```

...

```

...
/**
 * Performs the creation of a MO instance in the MIB maintained
 * by the IRPAgent.
 *
 * @param objectName: the distinguished name of the MO to create.
 * @param referenceObject: the distinguished name of a reference MO.
 * @param attributes: in input, initial attribute values for the MO to
 *   create; in output, actual attribute values of the created MO.
 * @param attributeErrors: errors, related to attributes, that caused the
 *   creation of the MO to fail.
 *
 * @raises ManagedGenericIRPSystem::OperationNotSupported: The operation
 *   is not supported.
 * @raises ManagedGenericIRPSystem::ParameterNotSupported: An optional
 *   parameter is not supported.
 * @raises ManagedGenericIRPSystem::InvalidParameter: An invalid
 *   parameter value has been provided.
 * @raises UndefinedMOException: The MO does not exist.
 * @raises IllegalDNFormatException: The DN syntax string is malformed.
 * @raises DuplicateMO: A MO already exist with the same DN as the one
 *   to create.
 * @raises CreateNotAllowed: The creation of the MO is not allowed.
 * @raises ObjectClassMismatch: The object class of the MO to create does
 *   not match with the object class of the provided reference MO.
 * @raises NoSuchObjectClass: The class of the object to create is not
 *   recognized.
 * @raises ParentObjectDoesNotExist: The parent MO instance of the
 *   ManagedEntity specified to be created does not exist.
 */
void create_managed_object (
    in DN objectName,
    in DN referenceObject,
    inout MoAttributeSet attributes,
    out AttributeErrorSeq attributeErrors
)
raises (CreateManagedObject,
        ManagedGenericIRPSystem::OperationNotSupported,
        ManagedGenericIRPSystem::ParameterNotSupported,
        ManagedGenericIRPSystem::InvalidParameter,
        UndefinedMOException,
        IllegalDNFormatException,
        DuplicateMO,
        CreateNotAllowed,
        ObjectClassMismatch,
        NoSuchObjectClass,
        ParentObjectDoesNotExist);
...

```

<b>End of Change in Clause Annex A</b>
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