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PacketCable™

RST E-UE Provisioning Specification

PKT-SP-RST-EUE-PROV-I02-080710

ISSUED

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Key to Document Status Codes

- Work in Progress** An incomplete document, designed to guide discussion and generate feedback that may include several alternative requirements for consideration.

- Draft** A document in specification format considered largely complete, but lacking review by Members and vendors. Drafts are susceptible to substantial change during the review process.

- Issued** A stable document, which has undergone rigorous member and vendor review and is suitable for product design and development, cross-vendor interoperability, and for certification testing.

- Closed** A static document, reviewed, tested, validated, and closed to further engineering change requests to the specification through CableLabs.

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1 SCOPE

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1.1 Introduction and Purpose

This document specifies how the PacketCable E-UE Provisioning Framework can be used to configure and manage Embedded 2.0 UEs (E-UEs) supporting the PacketCable Residential SIP Telephony (RST) application.

The PacketCable architecture provides a generic Provisioning Framework for E-UEs, but requires PacketCable application efforts such as RST to specify application-specific requirements and data models. This document specifies such requirements and the data model for the PacketCable RST application. It also specifies the requirements and a data model for E-DVAs, a specific E-UE type specified by PacketCable.

1.2 Document Overview

The document is structured as follows:

- Section 2 – References.
- Section 3 – Terms and Definitions.
- Section 4 – Abbreviations.
- Section 5 – Informative section providing a general overview of RST E-UE Provisioning.
- Section 6 – Normative section providing the RST E-UE Provisioning requirements.
- Annex A – RST E-UE Provisioning Data Model (normative).
- Annex B – RST E-DVA Provisioning Data Model (normative).

1.3 Requirements

Throughout this document, the words that are used to define the significance of particular requirements are capitalized. These words are:

"MUST"	This word means that the item is an absolute requirement of this specification.
"MUST NOT"	This phrase means that the item is an absolute prohibition of this specification.
"SHOULD"	This word means that there may exist valid reasons in particular circumstances to ignore this item, but the full implications should be understood and the case carefully weighed before choosing a different course.
"SHOULD NOT"	This phrase means that there may exist valid reasons in particular circumstances when the listed behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.
"MAY"	This word means that this item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because it enhances the product, for example; another vendor may omit the same item.

2 REFERENCES

2.1 Normative References

In order to claim compliance with this specification, it is necessary to conform to the following standards and other works as indicated, in addition to the other requirements of this specification. Notwithstanding, intellectual property rights may be required to use or implement such normative references.

- | | |
|---------------|---|
| [E-DVA] | PacketCable Residential SIP Telephony E-DVA Specification, PKT-SP-RST-E-DVA-I04-080710, July 10, 2008, Cable Television Laboratories, Inc. |
| [EUE-DATA] | PacketCable E-UE Provisioning Data Models Specification, PKT-SP-E-UE- DATA-I02-080710, July 10, 2008, Cable Television Laboratories, Inc. |
| [EUE-PROV] | PacketCable E-UE Provisioning Specification, PKT-SP-EUE-PROV-I02-080710, July 10, 2008, Cable Television Laboratories, Inc. |
| [PKT-24.229] | PacketCable SIP and SDP Stage 3 Specification 3GPP TS 24.229, PKT-SP-24.229-I04-080425, April 25, 2008, Cable Television Laboratories, Inc. |
| [PKT-PROV1.5] | PacketCable 1.5 Specification, MTA Device Provisioning, PKT-SP-PROV1.5-I03-070412, April 12, 2007, Cable Television Laboratories, Inc. |
| [RSTF] | PacketCable Residential SIP Telephony Feature Specification, PKT-SP-RSTF-I04-080710, July 10, 2008, Cable Television Laboratories, Inc. |
| [RFC2863] | IETF RFC 2863, The Interfaces Group MIB, June 2000. |

2.2 Informative References

This specification uses the following informative reference.

- | | |
|------------|--|
| [ARCH-FRM] | PacketCable Architecture Framework Technical Report, PKT-TR-ARCH-FRM-V05-080525, April 25, 2008, Cable Television Laboratories, Inc. |
|------------|--|

2.3 Reference Acquisition

- Cable Television Laboratories, Inc., 858 Coal Creek Circle, Louisville, CO 80027; Phone +1-303-661-9100; Fax +1-303-661-9199; <http://www.cablelabs.com>.
- Internet Engineering Task Force (IETF) Secretariat, 46000 Center Oak Plaza, Sterling, VA 20166; Phone +1-571-434-3500, Fax +1-571-434-3535; <http://www.ietf.org/>.

3 TERMS AND DEFINITIONS

This specification uses the following terms:

Cable Modem	A DOCSIS compliant device which provides data transport connectivity from RFI to IP networks.
Configuration	Configuration is the process of defining and propagating data to network elements for providing services.
Data Model	An abstract model that describes representation of data in a system.
eCM	The logical DOCSIS CM component of a E-UE, complies with DOCSIS, eDOCSIS and PacketCable requirements.
Embedded User Equipment	Contains the interface to a physical voice device, a network interface, CODECs, and all signaling and encapsulation functions required for VoIP transport, class features signaling, and QoS signaling.
eUE	The logical PacketCable UE component of an E-UE, complies with eSAFE and PacketCable requirements.
E-UE	Embedded User Equipment. A single physical device embedded with an eDOCSIS-compliant DOCSIS Cable Modem and a PacketCable eUE.
Management	Management refers to the protocols, methodologies and interfaces that enable oversight services in a Service Provider Network.
Management Information Base	The description of the data items used by the Network Management for management and configuration of the PacketCable compliant E-UE. Such description is done based on the formal meta-language SMI defined by the corresponding IETF standards.
Network Management	The functions related to the management of data across the network.
Provisioning	Provisioning refers to the processes involved in the initialization of user attributes and resources to provide services to a User. This involves protocols, methodologies, and interfaces to network elements such as: Order Entry and Workflow Systems that carry out business processes, Operational Support Elements that handle network resources, Application Servers that offer services and Use Equipment that offer services.
Request for Comments	Request for Comments. Technical policy documents approved by the IETF, which are available on the World Wide Web at http://www.ietf.cnri.reston.va.us/rfc.html

4 ABBREVIATIONS AND ACRONYMS

This specification uses the following abbreviations:

CM	Cable Modem.
DOCSIS®	Data-Over-Cable Service Interface Specifications
E-DVA	Embedded Digital Voice Adaptor
MIB	Management Information Base
RFC	Request for Comments
RFI	Radio Frequency Interface
RST	Residential SIP Telephony
SNMP	Simple Network Management Protocol

5 OVERVIEW

PacketCable is a CableLabs specification effort designed to support the convergence of voice, video, data, and mobility technologies. The PacketCable architecture describes a set of functional groups and logical entities, as well as a set of interfaces that support the information flows exchanged between entities. For more information about PacketCable, please refer to the PacketCable Architecture Framework Technical Report [ARCH-FRM].

As part of these efforts, PacketCable specifies applications built upon the PacketCable architecture. One such application is RST. This document describes the configuration and management requirements applicable to Embedded User Equipment (E-UE) supporting the RST application. Within the context of this document, any reference to an E-UE (or eUE) needs to be interpreted as an E-UE (or eUE) that supports the RST application, sometimes referred to as an RST E-UE. For more information on the RST application, please refer to [RSTF].

Specifically, this document covers the following areas:

- Configuration and Management requirements for E-UEs supporting RST, including E-DVA specific requirements,
- The RST Application Data Model,
- The E-DVA Data Model for Configuration and Management.

5.1 Residential SIP Telephony

The PacketCable RST Feature specification documents an implementation of common residential telephony features in a PacketCable network, including, but not limited to: called ID, call forwarding, hold, transfer, three-way calling, emergency calling, and operator service. For more information, please refer to [RSTF].

5.2 E-UE Provisioning Framework

The PacketCable E-UE Provisioning Framework Specification [EUE-PROV], together with the E-UE Provisioning Data Models Specification [EUE-DATA], documents interfaces, protocols, and data models to support configuration and management of E-UEs in a PacketCable network. Those documents require PacketCable application specifications, such as RST, to utilize these interfaces and extend the data models as required to support the specified features.

5.3 RST E-UE

The E-UE, by definition, is an embedded PacketCable device, as specified in [EUE-PROV]. The RST E-UE is an E-UE that supports the PacketCable RST application. RST E-UEs require RST specific data to be configured and have additional requirements, as specified in this document.

6 PACKETCABLE RST E-UE ARCHITECTURE AND REQUIREMENTS

This section presents the normative requirements for RST E-UE Provisioning, using the PacketCable E-UE Provisioning Framework. It includes references to the framework and any necessary enhancements to support the RST application. For more information on PacketCable E-UE Provisioning Framework please refer to [EUE-PROV].

The E-UE consists of two components: the eCM and the eUE. For more information on the eCM configuration and management requirements for PacketCable, please refer to [EUE-PROV]. The eUE Provisioning Framework Architecture, based on the Provisioning Framework, is specified in Section 6.1. The component requirements and other enhancements are listed in the following sub-sections.

6.1 eUE Provisioning Framework Architecture

Figure 1 represents the network components and interfaces that form the eUE Provisioning Framework, the basis for RST eUE provisioning.

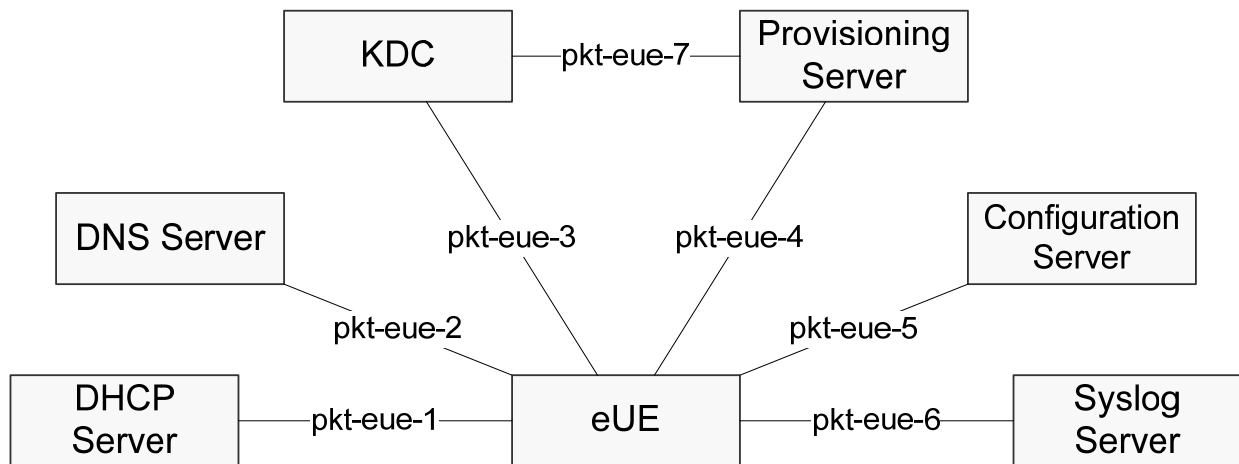


Figure 1 - E-UE Provisioning Components and Interfaces

6.2 RST E-UE Provisioning Components

This section details the network components that utilize the interfaces specified in Section 6.1, and the associated requirements. It also summarizes the additional requirements required by this framework for the DOCSIS elements to support the framework specified by this document.

6.2.1 RST E-UE

The RST E-UE MUST comply with all the E-UE requirements specified in [EUE-PROV].

6.2.1.1 eCM

An eCM embedded within the RST E-UE MUST comply with all the eCM requirements specified in [EUE-PROV] and any additional requirements specified in this document, such as impact analysis reporting.

6.2.1.2 eUE

For an eUE embedded within the RST E-UE, the following requirements apply:

- The eUE MUST support all the RST Feature requirements described in [RSTF].
- The eUE MUST adhere to all requirements described in [EUE-PROV].
- The eUE MUST comply with the requirements of the E-UE Provisioning Data Models Specification [EUE-DATA], and the RST data model specified in this document.

6.2.2 E-DVA Requirements

An Embedded Digital Voice Adapter (E-DVA) is an RST E-UE that conforms to the requirements specified in [E-DVA]. The following requirements apply:

- An E-DVA MUST comply with all the RST E-UE provisioning requirements specified in this document, and additional requirements specified in this document.
- An E-DVA MUST comply with the E-DVA data model specified in Annex B.

6.2.2.1 Interfaces Group MIB "ifTable" Requirements

The Interfaces Group MIB (IF-MIB) is defined in [RFC2863] and required by [EUE-DATA]. The following E-DVA requirements apply:

- An E-DVA's ifTable MUST contain information about all of its endpoints.
- The E-DVA MUST start the endpoint numbering with a ifIndex value of 9, be incremented sequentially, and match the physical numbering of the telephony endpoints (indices 2 through 8 are reserved for future use and the usage of index 1 is described below).
- Each instance of the endpoint in an E-DVA MUST have a corresponding entry ("conceptual row") in the "ifTable" MIB Table.

Further, the E-DVA MUST use the following conceptual columns for each "conceptual row" in the "ifTable":

- "ifIndex"
- "ifDescr"
- "ifType"
- "ifAdminStatus"
- "ifOperStatus"

The E-DVA MUST also ensure that each conceptual row in "ifTable" that corresponds to a telephony endpoint conforms to the "IANAifType-MIB" definition for the PacketCable interface type, as follows:

- "ifType" – voiceOverCable (198)
- "ifDescr" – "Voice Over Cable Interface"

An ifIndex value of 1 is used to recognize the eCM which the E-DVA is logically connected. Refer to [EUE-DATA] for more information.

6.2.2.2 Mapping of Users to Endpoints

PacketCable allows for the configuration of MPUs on E-UEs. This is accomplished via the E-UE User MIB, specifically the MIB table 'pktcEUEUsrIMPUPTable'. For more information regarding 'pktcEUEUsrIMPUPTable' refer to [EUE-DATA]. For an E-DVA, additional information is required to specify the association of an IMPU with one or more endpoints if the E-DVA is configured with RST features. This information would allow an E-DVA to determine the endpoints that are affected when it receives an inbound request for a specific IMPU, or the IMPU to use when the end-user invokes RST features from an E-DVA endpoint.

The indicated additional information is provided using specific keyword-value pairs within the MIB Object titled 'pktcEUEUsrIMPUPAdditionalInfo'. This MIB object is part of the MIB table 'pktcEUEUsrIMPUPTable'. For the configuration of an E-DVA, the following keyword-values pairs are specified:

- IEP#:<comma-separated list of endpoints>
- OEP#:<comma-separated list of endpoints>

The keyword IEP (shortened form representing "Inbound EndPoints") indicates that an inbound request for the IMPU (for which the additional information is being provided) is to apply to one or more of the endpoints listed in the associated value. The keyword OEP (shortened form representing "Outbound EndPoints") indicates that when any of the endpoints listed in the value are used to initiate RST features (e.g., dialog-initiating requests) then the applicable IMPU (for which the additional information is being provided) is to be used.

As an example, consider an E-DVA associated with two IMPUs, sip:user1@example.com and sip:user2@example.com, with the following (partial) configuration:

- Value of the MIB object pktcEUEUsrIMPUPAdditionalInfo for sip:user 1@example.com is IEP#9,10;OEP#9
- Value of the MIB object pktcEUEUsrIMPUPAdditionalInfo for sip:user 2@example.com is IEP#10;OEP#10

The E-DVA interprets this as follows:

- Any inbound message for the IMPU sip:user1@example.com will apply to endpoints 9 and 10
- Any inbound message for the IMPU sip:user2@example.com will apply to endpoint 10
- Any outbound requests from endpoint 9 will use the IMPU sip:user1@example.com
- Any outbound requests from endpoint 10 will use the IMPU sip:user2@example.com

If one or more endpoints on an E-DVA are associated with RST features, the E-DVA needs to be configured with one or more IMPUs using the keyword-value pairs indicated in this section. If an endpoint is not associated with any IMPUs, then the E-DVA MUST NOT enable RST features on that endpoint. If an endpoint is associated with one or more IMPUs, then the E-DVA MUST support the enabled RST features on that endpoint.

If there are multiple outbound IMPUs indicated for an endpoint, then the E-DVA MUST consider the first occurrence (lowest index in the MIB table 'pktcEUEUsrIMPUPTable') as the outbound IMPU and report the additional IMPUs as part of the warnings pertaining to eUE configuration.

As an example, consider an E-DVA associated with two IMPUs, sip:user1@example.com and sip:user2@example.com, with the following (partial) configuration:

- Value of the MIB object pktcEUEUsrIMPUPAdditionalInfo for sip:user 1@example.com is IEP#9,10;OEP#9
- Value of the MIB object pktcEUEUsrIMPUPAdditionalInfo for sip:user 2@example.com is IEP#10;OEP#9

Assuming that sip:user1@example.com has a lower index value within the MIB table 'pkcEUEUsrIMPUPTable', the E-DVA interprets this as follows:

- Any inbound message for the IMPU sip:user1@example.com will apply to endpoints 9 and 10
- Any inbound message for the IMPU sip:user2@example.com will apply to endpoint 10
- Any outbound requests from endpoint 9 will use the IMPU sip:user1@example.com

6.2.3 Other Network Components

The following network components MUST comply with the requirements specified in [EUE-PROV]:

- DHCP Server
- DNS Server
- KDC
- Provisioning Server
- Configuration Server
- Syslog Server

In addition, the Configuration Server MUST allow for the Data Models specified in this document to RST and E-DVAs to support RST E-UEs and E-DVAs, respectively. The Syslog Server MUST support any RST specific management events specified in this document.

6.3 RST E-UE Provisioning Flows, Configuration and Management

Apart from the additional data models, this document does not enhance the E-UE requirements related to provisioning flows, configuration, and management, as specified in [EUE-PROV].

6.4 RST Data Models

This document specifies two data models, the RST Data Model in Annex A, and the E-DVA Data Model in Annex B. Further, the RST Data Model provides an RST Profile Table, as required by [EUE-DATA].

6.5 RST E-UE Additional Features

6.5.1 eDOCSIS Impact Analysis Reporting

The E-UE Provisioning Framework ([EUE-PROV]) requires PacketCable applications to specify the impact levels and reporting requirements. For PacketCable RST, this is specified in this section.

An application supported on an endpoint is considered impacted when an endpoint is 'active'. An RST eUE MUST consider an endpoint to be 'active' if any of the following conditions are met:

- the endpoint is off-hook,
- the endpoint is initiating or terminating telephony sessions only (e.g., SIP subscriptions for call features is not considered a telephony session).

Further, the following requirements apply:

- The eCM MUST report an impact level of 'significant' for the eUE when any of the UE's endpoints are 'active.'
- The eCM MUST report an impact level of 'none' for the eUE when none of the UE's endpoints are 'active.'

6.5.2 Incremental Provisioning

The RST E-UE MUST support post-initialization incremental provisioning as specified in [EUE-PROV], including changes to User status and application feature activation status.

6.5.3 User Registration and Configuration

The eUE MUST register every active User provided via configuration, if associated with the RST application. This is required to support RST features. Refer to [PKT-24.229] for more information about registration. For more information about User configuration and activation, please refer to [EUE-DATA]. If the IMPI related information is modified, the eUE MUST follow any applicable procedures specified in [PKT-24.229].

Additionally, for each registered User, the RST eUE MUST apply RST application settings as provided via configuration, or default values.

RST Dynamic Feature Data is not specified within this document. Please refer to [RSTF] for more information.

6.5.4 RST eUE Capabilities

In addition to the capabilities reporting via DHCP that is specified in [EUE-PROV] the RST eUE MUST report the following RST related capabilities, per [PKT-PROV1.5], along with any indicated enhancements:

- TLV 5.11 – Supported CODECs, with the following codec additions:

16: AMR

17: SMV

18: EVRC

19: G.722

20: BV32

21: AMR-WB

22: VMR-WB

- TLV 5.12 – Silence Suppression Support
- TLV 5.13 – Echo Cancellation Support
- TLV 5.19 – T38 Version Support
- TLV 5.20 – T38 Error Correction Support
- TLV 5.25 – V.152 Support

Annex A PacketCable RST Configuration Modules

A.1 E-UE RST MIB

```

CL-PKTC-EUE-RST-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY,
    OBJECT-TYPE,
    Unsigned32,
    Integer32
        FROM SNMPv2-SMI
    OBJECT-GROUP,
    MODULE-COMPLIANCE
        FROM SNMPv2-CONF
    SnmpAdminString
        FROM SNMP-FRAMEWORK-MIB

    TEXTUAL-CONVENTION,
    TruthValue,
    RowStatus
        FROM SNMPv2-TC
    pktcApplicationMibs
        FROM CLAB-DEF-MIB
    PktcEUETCAdminStatus,
    PktcEUETCOperStatus,
    PktcEUETCStatusInfo,
    PktcEUETCUsrAppIndexType
        FROM CL-PKTC-EUE-TC-MIB
    pktcEUEDevOpIndex
        FROM CL-PKTC-EUE-DEV-MIB;

pktcEUESTMIB MODULE-IDENTITY
    LAST-UPDATED "200807100000Z" -- July 10, 2008
    ORGANIZATION "Cable Television Laboratories, Inc."
    CONTACT-INFO
        "Broadband Network Services
        Cable Television Laboratories, Inc.
        858 Coal Creek Circle,
        Louisville, CO 80027, USA
        Phone: +1 303-661-9100
        Email: mibs@cablelabs.com

        Acknowledgements:
        Thomas Clack, Broadcom - Primary author
        Satish Kumar, Texas Instruments,
        Eugene Nechamkin, Broadcom
        Sumanth Channabasappa, CableLabs
        John Berg, CableLabs
        Eduardo Cardona, CableLabs
        and members of the PacketCable 2.0 Provisioning Focus Team."
    DESCRIPTION
        "This MIB module contains configuration MIB
        objects for supporting RST Features specified in
        the PacketCable RST specification."
    REVISION "200807100000Z" -- July 10, 2008
    DESCRIPTION
        "Revised Version includes ECN RST-EUE-PROV-N-08.0525-5

```

and published as I02"
 REVISION "200711060000Z" -- Nov 6, 2007
 DESCRIPTION
 "Initial version, published as part of the CableLabs
 RST E-UE Provisioning Specification
 PKT-SP-RST-EUE-PROV-I01-071106
 Copyright 1999-2007 Cable Television Laboratories, Inc.
 All rights reserved."

::= { pktcApplicationMibs 2 }

-- Administrative assignments

pktcEUERSTNotifications OBJECT IDENTIFIER ::= { pktcEUERSTMIB 0 }
 pktcEUERSTObjects OBJECT IDENTIFIER ::= { pktcEUERSTMIB 1 }
 pktcEUERSTConformance OBJECT IDENTIFIER ::= { pktcEUERSTMIB 2 }

pktcEUERSTCompliances OBJECT IDENTIFIER ::= { pktcEUERSTConformance 1 }
 pktcEUERSTGroups OBJECT IDENTIFIER ::= { pktcEUERSTConformance 2 }

-- MIB Objects

pktcEUERSTProfile OBJECT IDENTIFIER ::= { pktcEUERSTObjects 1 }
 pktcEUERSTFeatures OBJECT IDENTIFIER ::= { pktcEUERSTObjects 2 }

 -- Pktc EUE RST Textual Conventions

PktcRSTTCTONEANNC ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This TEXTUAL CONVENTION is being defined
 as a way of indicating the announcement.

If it is an URI, it is represented as a
 hex string representing the URI."

REFERENCE "PacketCable RST Feature Specification"

SYNTAX OCTET STRING

PktcRSTTCFeatID ::= TEXTUAL-CONVENTION

STATUS current

DESCRIPTION

"This TEXTUAL CONVENTION is being defined
 as a way to enumerate the RST features."

SYNTAX INTEGER {
 other(1),
 digitMap(2),
 basicCall(3),
 announcement(4),
 statusChange(5),
 noAnsTimeout(6),
 callerId(7),
 callerIdDisplay(8),
 callerIdBlocking(9),
 callerIdDelivery(10),
 callForwarding(11),
 callWaiting(12),

```

        callHold(13),
        callTransfer(14),
        threeWayCalling(15),
        doNotDisturb(16),
        subscrProgPin(17), -- Subscriber Programmable
PIN
        msgWaitIndicator(18),
        autoRecall(19),
        autoCallback(20),
        busyLineVerify(21),
        emergencySvc(22),
        scf(23), -- Selective Call
Forwarding
        acr(24), -- Anonymous Call Rejection
        solicitorBlocking(25),
        distinctAlerting(26),
        speedDialing(27),
        cot(28) -- Customer Originated Call
Trace
    }

```

```
PktcEUETCRSTAppFeatIndexType ::= TEXTUAL-CONVENTION
```

```
    STATUS current
```

```
    DESCRIPTION
```

```
        " This TEXTUAL CONVENTION is being defined to
        indicate any indices related to RST Application
        Features.
        Such an instance can be referenced across
        tables to indicate an association."

```

```
    SYNTAX Unsigned32 (0..63)
```

```
PktcEUETCRSTAUID ::= TEXTUAL-CONVENTION
```

```
    DISPLAY-HINT "255a"
```

```
    STATUS current
```

```
    DESCRIPTION
```

```
        " This TEXTUAL CONVENTION is defined to
        indicate the Application Unique Identifier (AUID)
        as defined by PacketCable.
        The AUID is used for the dynamic invocation of RST
        features."

```

```
    SYNTAX OCTET STRING
```

```
-----
-- eUE Profile Information
-----
```

```
pktcEUEProfileVersion OBJECT-TYPE
```

```
    SYNTAX SnmpAdminString(SIZE(0..6))
```

```
    MAX-ACCESS read-only
```

```
    STATUS current
```

```
    DESCRIPTION
```

```
        " This MIB Object represents the RST Profile Version for this
        MIB module. The eUE MUST set this MIB Object to a value of '1.0'."

```

```
 ::= { pktcEUEProfile 1 }
```

```
-----
-- The Application Profile to Features Map Table
--
-----
```

```
pktcEUEProfileToFeatTable OBJECT-TYPE
```

```
    SYNTAX SEQUENCE OF PktcEUEProfileToFeatEntry
```

```

MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    " This table specifies RST profiles that can be associated
      with Users supporting the RST application."
 ::= { pktcEUERSTProfile 2 }

pktcEUERSTAppProfileToFeatEntry OBJECT-TYPE
SYNTAX PktcEUERSTAppProfileToFeatEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "Each entry in this table specifies an RST profile associated
      with a set of RST features. Each entry in this table has StorageType
      of volatile."
INDEX { pktcEUERSTAppProfileIndex, pktcEUERSTAppFeatIndex }
 ::= { pktcEUERSTAppProfileToFeatTable 1 }

PktcEUERSTAppProfileToFeatEntry ::=
SEQUENCE {
    pktcEUERSTAppProfileIndex PktcEUETCUsrAppIndexType,
    pktcEUERSTAppFeatIndex PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTAppFeatID PktcRSTTCFeatID,
    pktcEUERSTAppFeatIndexRef PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTAppAdminStat PktcEUETCAdminStatus,
    pktcEUERSTAppAdminStatInfo PktcEUETCStatusInfo,
    pktcEUERSTAppOperStat PktcEUETCOperStatus,
    pktcEUERSTAppOperStatInfo PktcEUETCStatusInfo,
    pktcEUERSTAppStatus RowStatus
}

pktcEUERSTAppProfileIndex OBJECT-TYPE
SYNTAX PktcEUETCUsrAppIndexType
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    " This MIB Object identifies an instance of an
      RST application profile."
 ::= { pktcEUERSTAppProfileToFeatEntry 1 }

pktcEUERSTAppFeatIndex OBJECT-TYPE
SYNTAX PktcEUETCRSTAppFeatIndexType
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    " This MIB Object identifies a specific RST feature
      instance."
 ::= { pktcEUERSTAppProfileToFeatEntry 2 }

pktcEUERSTAppFeatID OBJECT-TYPE
SYNTAX PktcRSTTCFeatID
MAX-ACCESS read-create
STATUS current
DESCRIPTION
    " The MIB Object identifies a specific RST
      feature, as specified by PacketCable RST."
 ::= { pktcEUERSTAppProfileToFeatEntry 3 }

pktcEUERSTAppFeatIndexRef OBJECT-TYPE
SYNTAX PktcEUETCRSTAppFeatIndexType

```

```

MAX-ACCESS read-create
STATUS current
DESCRIPTION
  " The MIB Object identifies an index into the RST
  feature table identified by the MIB Object
  pktcEUERSTAppFeatID.

  A value of '0' is reserved and is used to either
  identify a global feature configuration, or when
  no configuration data is specified for the feature.

  For example, the value of this object MUST be set to
  '0' for a feature that has no associated additional
  configuration table.

  Setting the value to '0' in any other cases will
  result in feature configuration error."
 ::= { pktcEUERSTAppProfileToFeatEntry 4 }

```

```

pktcEUERSTAppAdminStat OBJECT-TYPE
SYNTAX PktcEUETCAdminStatus
MAX-ACCESS read-create
STATUS current
DESCRIPTION
  " This MIB Object contains the administratively desired
  activation status of the feature within the profile.

  When set to 'active' the feature is intended
  to be available to the applications that reference this
  profile.

  When set to 'inactive' the feature is not available to the
  applications that reference this profile."
DEFVAL {active}
 ::= { pktcEUERSTAppProfileToFeatEntry 5 }

```

```

pktcEUERSTAppAdminStatInfo OBJECT-TYPE
SYNTAX PktcEUETCStatusInfo
MAX-ACCESS read-create
STATUS current
DESCRIPTION
  " This MIB Object MAY provide more information about the
  status reported by the MIB Object pktcEUERSTAppAdminStat."
DEFVAL {""}
 ::= { pktcEUERSTAppProfileToFeatEntry 6 }

```

```

pktcEUERSTAppOperStat OBJECT-TYPE
SYNTAX PktcEUETCOperStatus
MAX-ACCESS read-only
STATUS current
DESCRIPTION
  " This MIB Object contains the operational activation status
  of a feature within a profile.

  This object returns the following values:

  'active'
  When pktcEUERSTAppAdminStat is 'active' and there are
  no run-time conditions and/or configuration errors that
  prohibit the feature from being used.

```

'inactive'
 When pktcEUERSTAppAdminStat is 'inactive'
 or
 When pktcEUERSTAppAdminStat is 'active' and there
 are run-time conditions and/or configuration errors
 that prohibit the feature from being used.

'notPresent'
 When the application feature is not available or unknown
 to the UE.

'unknown'
 Other conditions not covered by the previous values.

An example of a run-time condition that can result in a value
 of 'inactive' is an unsuccessful attempt to bind the resources
 associated with the feature by an application because the
 resources are currently bound to another profile.

PacketCable applications can specify additional conditions for
 how an application is considered 'active', 'inactive' or
 'notPresent', and corresponding state machine."

```
::= { pktcEUERSTAppProfileToFeatEntry 7 }
```

pktcEUERSTAppOperStatInfo OBJECT-TYPE

SYNTAX PktcEUETCStatusInfo

MAX-ACCESS read-only

STATUS current

DESCRIPTION

" This MIB Object MAY provide more information about the
 status reported by the MIB Object pktcEUERSTAppOperStat."

DEFVAL { "" }

```
::= { pktcEUERSTAppProfileToFeatEntry 8 }
```

pktcEUERSTAppStatus OBJECT-TYPE

SYNTAX RowStatus

MAX-ACCESS read-create

STATUS current

DESCRIPTION

" This MIB Object defines the row status associated with this
 particular application profile in the MIB table.

An entry in this table is not qualified for activation
 until the object instances of all corresponding columns
 have been initialized, either by default values or via
 explicit SET operations. Until all object instances in
 this row are initialized, the status value for this realm
 must be 'notReady(3)'.
 .

In particular, two columnar objects must be SET: the
 'pktcEUERSTAppFeatID' and 'pktcEUERSTAppFeatIndexRef'.
 Once these two objects have been set the row status may be SET
 to 'active(1)'.
 .

The eUE MUST not allow these two objects to be changed while
 the row is 'active'. The value of this object has no effect on
 whether other columnar objects in this row can be modified."

```
::= { pktcEUERSTAppProfileToFeatEntry 9 }
```

```

-----
-- The Digit Map
-- Ref (PacketCable RST specification):
-----
pktceUERSTDigitMapFeat  OBJECT IDENTIFIER ::= { pktceUERSTProfile 3 }

-----
-- Digit Map Profile Table
-----
pktceUERSTDigitMapProfileTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktceUERSTDigitMapProfileEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This table provides a Digit Map Profile. A Digit Map
          Profile may be shared by multiple Users"
    ::= { pktceUERSTDigitMapFeat 1 }

pktceUERSTDigitMapProfileEntry OBJECT-TYPE
    SYNTAX      PktceUERSTDigitMapProfileEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        "Each entry in this table provides a digit map profile."
    INDEX { pktceUERSTDIndex }
    ::= { pktceUERSTDigitMapProfileTable 1 }

PktceUERSTDigitMapProfileEntry ::=
    SEQUENCE {
        pktceUERSTDIndex          PktceUETCRSTAppFeatIndexType,
        pktceUERSTDValue          OCTET STRING,
        pktceUERSTDStatus         RowStatus
    }

pktceUERSTDIndex  OBJECT-TYPE
    SYNTAX      PktceUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktceUERSTDigitMapProfileEntry 1 }

pktceUERSTDValue  OBJECT-TYPE
    SYNTAX      OCTET STRING(SIZE(0..8192))
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        "This MIB Object specifies the ABNF for the Digit Map.
          Refer to the PacketCable RST Feature Specification
          for representation and validation details."
    REFERENCE  "PacketCable RST Feature Specification"
    ::= { pktceUERSTDigitMapProfileEntry 2 }

pktceUERSTDStatus OBJECT-TYPE
    SYNTAX      RowStatus

```

```

MAX-ACCESS read-create
STATUS current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktceUERSTDigitMapProfileEntry 3 }

-----
-- The Basic Call Features
-- Ref (PacketCable RST specification): Table "Basic Call Feature Data"
-----
pktceUERSTBasicCallFeat OBJECT IDENTIFIER ::= { pktceUERSTFeatures 1 }

-- The USER Basic-Call Feature Table

pktceUERSTBasicCallTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PktceUERSTBasicCallEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Basic Call Feature for the
          RST Service."
    ::= { pktceUERSTBasicCallFeat 1 }

pktceUERSTBasicCallEntry OBJECT-TYPE
    SYNTAX PktceUERSTBasicCallEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Basic Call Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktceUERSTBCallIndex }
    ::= { pktceUERSTBasicCallTable 1 }

PktceUERSTBasicCallEntry ::=
    SEQUENCE {
        pktceUERSTBCallIndex PktceUETCRSTAppFeatIndexType,
        pktceUERSTBCallSDP SnmpAdminString,
        pktceUERSTBCallStatus RowStatus
    }

pktceUERSTBCallIndex OBJECT-TYPE
    SYNTAX PktceUETCRSTAppFeatIndexType
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktceUERSTBasicCallEntry 1 }

pktceUERSTBCallSDP OBJECT-TYPE
    SYNTAX SnmpAdminString

```

```

MAX-ACCESS read-create
STATUS current
DESCRIPTION
    " This MIB Object specifies the SDP parameters and value."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTBasicCallEntry 2 }

```

```

pktcEUERSTBCallStatus OBJECT-TYPE
SYNTAX RowStatus
MAX-ACCESS read-create
STATUS current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTBasicCallEntry 3 }

```

```

-----
-- The NETWORK Basic-Call Feature Table
-- Ref (PacketCable RST specification): Table "Basic Call Feature Data"
-----

```

```

pktcEUERSTNfBasicCallTable OBJECT-TYPE
SYNTAX SEQUENCE OF PktcEUERSTNfBasicCallEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    " This data table represents Network-based parameters
      associated with the Basic Call Feature for the
      RST Service."
 ::= { pktcEUERSTBasicCallFeat 2 }

```

```

pktcEUERSTNfBasicCallEntry OBJECT-TYPE
SYNTAX PktcEUERSTNfBasicCallEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    " Each entry in this data table describes an association
      of an Network Service Provider with a Basic Call Feature
      parameter."
INDEX { pktcEUEDevOpIndex }
 ::= { pktcEUERSTNfBasicCallTable 1 }

```

```

PktcEUERSTNfBasicCallEntry ::=
SEQUENCE {
    pktcEUERSTNfBCallByeDelay           Unsigned32,
    pktcEUERSTNfBCallOrigDTTimer       Unsigned32,
    pktcEUERSTNfBCallTermOHErrSig      PktcRSTTCTONEANNC,
    pktcEUERSTNfBCallTermErrSigTimer   Unsigned32,
    pktcEUERSTNfBCallPermSeqTone1      PktcRSTTCTONEANNC,
    pktcEUERSTNfBCallPermSeqTimer1     Unsigned32,
    pktcEUERSTNfBCallPermSeqTone2      PktcRSTTCTONEANNC,
    pktcEUERSTNfBCallPermSeqTimer2     Unsigned32,
    pktcEUERSTNfBCallPermSeqTone3      PktcRSTTCTONEANNC,
    pktcEUERSTNfBCallPermSeqTimer3     Unsigned32,
    pktcEUERSTNfBCallLORTimer           Unsigned32,
    pktcEUERSTNfBCallNEMDSCPValueMedia Unsigned32,

```

```

                pktcEUERSTNfBCallNEMDSCPValueSig    Unsigned32,
                pktcEUERSTNfBCallStatus             RowStatus
            }

pktcEUERSTNfBCallByeDelay OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Bye Delay in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 1 }

pktcEUERSTNfBCallOrigDTTimer OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Origination Mode
          Dial Tone Timer in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 2 }

pktcEUERSTNfBCallTermOHerrSig OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Termination Mode Off-Hook
          error signal."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 3 }

pktcEUERSTNfBCallTermErrSigTimer OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Termination Mode error signal
          timer in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 4 }

pktcEUERSTNfBCallPermSeqTone1 OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence tone 1."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 5 }

pktcEUERSTNfBCallPermSeqTimer1 OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence timer 1
          in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"

```

```
 ::= { pktcEUERSTNfBasicCallEntry 6 }

pktcEUERSTNfBCallPermSeqTone2 OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence tone 2."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 7 }

pktcEUERSTNfBCallPermSeqTimer2 OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence timer 2
          in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 8 }

pktcEUERSTNfBCallPermSeqTone3 OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence tone 3."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 9 }

pktcEUERSTNfBCallPermSeqTimer3 OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Sequence timer 3
          in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 10 }

pktcEUERSTNfBCallLORTimer OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Lockout Reset timer in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 11 }

pktcEUERSTNfBCallNEMDSCPValueMedia OBJECT-TYPE
    SYNTAX      Unsigned32(0..63)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Non-Emergency DSCP Value
          for network packets carrying the Media (RTP) information."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfBasicCallEntry 12 }

pktcEUERSTNfBCallNEMDSCPValueSig OBJECT-TYPE
```

```

SYNTAX      Unsigned32(0..63)
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the Non-Emergency DSCP Value
      for network packets carrying the signaling information."
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfBasicCallEntry 13 }

pktcEUERSTNfBCallStatus OBJECT-TYPE
SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfBasicCallEntry 14 }

-----
-- Pktc EUE RST Announcement Feature Profile
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-----
pktcEUERSTAncFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 2 }

-- The USER Announcement Feature Table

pktcEUERSTAncTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PktcEUERSTAncEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data table represents User-based parameters
      associated with the Announcement Feature for the
      RST Service."
 ::= { pktcEUERSTAncFeat 1 }

pktcEUERSTAncEntry OBJECT-TYPE
SYNTAX      PktcEUERSTAncEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " Each entry in this data table describes an association
      of an user with an Announcement Feature parameter.
      Each entry in this table has StorageType of volatile."
INDEX      { pktcEUERSTAncIndex }
 ::= { pktcEUERSTAncTable 1 }

PktcEUERSTAncEntry ::=
    SEQUENCE {
        pktcEUERSTAncIndex          PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTAncPrefLang      SnmpAdminString,
        pktcEUERSTAncStatus        RowStatus
    }

pktcEUERSTAncIndex OBJECT-TYPE
SYNTAX      PktcEUETCRSTAppFeatIndexType
MAX-ACCESS  not-accessible

```

```

STATUS      current
DESCRIPTION
    " This data element provides an index for the table.
      Values used for this index must be greater than zero
      and are not required to be sequential. This index
      value may be provided as data in other objects that
      reference this table."
 ::= { pktcEUERSTAncEntry 1 }

pktcEUERSTAncPrefLang OBJECT-TYPE
SYNTAX      SnmpAdminString
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the preferred language for the
      UE announcement."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAncEntry 2 }

pktcEUERSTAncStatus OBJECT-TYPE
SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTAncEntry 3 }

-----
-- The NETWORK Announcement Call Feature Table
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-----

pktcEUERSTNfAncTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PktcEUERSTNfAncEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data table represents Network-based parameters
      associated with the Announcement Feature for the
      RST Service."
 ::= { pktcEUERSTAncFeat 2 }

pktcEUERSTNfAncEntry OBJECT-TYPE
SYNTAX      PktcEUERSTNfAncEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " Each entry in this data table describes an association
      of an Network Service Provider with a Announcement Feature
      parameter. Each entry in this table has StorageType of volatile."
INDEX      { pktcEUEDevOpIndex }
 ::= { pktcEUERSTNfAncTable 1 }

PktcEUERSTNfAncEntry ::=
    SEQUENCE {
        pktcEUERSTNfAncRes
        SnmpAdminString,

```

```

        pktcEUERSTNfAncDomain          SnmpAdminString,
        pktcEUERSTNfAncPath            SnmpAdminString,
        pktcEUERSTNfAncMIMEType       SnmpAdminString,
        pktcEUERSTNfAncStatus         RowStatus
    }

pktcEUERSTNfAncRes OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Resource
          URI for the media server"
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 1 }

pktcEUERSTNfAncDomain OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Domain."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 2 }

pktcEUERSTNfAncPath OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Path."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 3 }

pktcEUERSTNfAncMIMEType OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement MIME type."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncEntry 4 }

pktcEUERSTNfAncStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfAncEntry 5 }

-----
-- The NETWORK Announcement Map Feature Table
-- Ref (PacketCable RST specification): Table "Announcement Feature Data"
-----

```

```

pktcEUERSTNfAncMapTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfAncMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based announcement MAP
        entries"
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAncFeat 3 }

```

```

pktcEUERSTNfAncMapEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfAncMapEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based announcement MAP
        entries.
        Each entry in this table represents the Announcement MAP
        entry URI corresponding to a response code.
        Each entry in this table has StorageType of volatile."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    INDEX     {pktcEUEDevOpIndex, pktcEUERSTNfAncMapRspCode}
    ::= { pktcEUERSTNfAncMapTable 1 }

```

```

PktcEUERSTNfAncMapEntry ::=
    SEQUENCE {
        pktcEUERSTNfAncMapRspCode      Unsigned32,
        pktcEUERSTNfAncMapURI          SnmpAdminString,
        pktcEUERSTNfAncMapStatus      RowStatus
    }

```

```

pktcEUERSTNfAncMapRspCode OBJECT-TYPE
    SYNTAX      Unsigned32(400..600)
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Response code. The following
        Response codes are valid: 404, 406, 408, 480, 484, 500, 503,
        504, 600, 603."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMapEntry 1 }

```

```

pktcEUERSTNfAncMapURI OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Announcement Map entry.
        A string identifying the URI for response code."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfAncMapEntry 2 }

```

```

pktcEUERSTNfAncMapStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
        There is no restriction on the ability to change values in this
        row while the row is active.

```

A created row can be set to active only after all corresponding instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfAncMapEntry 3 }

 -- The NETWORK Announcement Media Map Feature Table
 -- Ref (PacketCable RST specification): Table "Announcement Feature Data"

pktcEUERSTNfAncMediaMapTable OBJECT-TYPE
 SYNTAX SEQUENCE OF PktcEUERSTNfAncMediaMapEntry
 MAX-ACCESS not-accessible
 STATUS current
 DESCRIPTION
 " This data table represents the network-based announcement
 Media MAP entries"
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAncFeat 4 }

pktcEUERSTNfAncMediaMapEntry OBJECT-TYPE
 SYNTAX PktcEUERSTNfAncMediaMapEntry
 MAX-ACCESS not-accessible
 STATUS current
 DESCRIPTION
 " This data table represents the announcement Media MAP entries.
 Each entry in this table represents the Announcement Media MAP
 entry URI corresponding to an announcement identifier.
 Each entry in this table has StorageType of volatile."
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 INDEX {pktcEUEDevOpIndex, pktcEUERSTNfAncMediaId}
 ::= { pktcEUERSTNfAncMediaMapTable 1 }

PktcEUERSTNfAncMediaMapEntry ::=

SEQUENCE {		
	pktcEUERSTNfAncMediaId	SnmpAdminString,
	pktcEUERSTNfAncMediaURI	SnmpAdminString,
	pktcEUERSTNfAncMediaCachMaxAge	Unsigned32,
	pktcEUERSTNfAncMediaStatus	RowStatus
}		

pktcEUERSTNfAncMediaId OBJECT-TYPE
 SYNTAX SnmpAdminString
 MAX-ACCESS not-accessible
 STATUS current
 DESCRIPTION
 " This MIB Object specifies the announcement Identifier."
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncMediaMapEntry 1 }

pktcEUERSTNfAncMediaURI OBJECT-TYPE
 SYNTAX SnmpAdminString
 MAX-ACCESS read-create
 STATUS current
 DESCRIPTION
 " This MIB Object specifies the Announcement Media Map entry.
 A string identifying the URI for announcement identifier."
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncMediaMapEntry 2 }

pktcEUERSTNfAncMediaCachMaxAge OBJECT-TYPE

```

SYNTAX      Unsigned32
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the Announcement Media Cache
      maximum age in seconds."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncMediaMapEntry 3 }

```

```

pktcEUERSTNfAncMediaStatus OBJECT-TYPE
SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfAncMediaMapEntry 4 }

```

```

-----
-- The NETWORK Announcement Local Media Feature Table
-- Ref (PacketCable RST specification): Table "Local Media"
-----

```

```

pktcEUERSTNfAncLocalMediaTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PktcEUERSTNfAncLocalMediaEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data table represents the network-based Local Media entries"
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAncFeat 5 }

```

```

pktcEUERSTNfAncLocalMediaEntry OBJECT-TYPE
SYNTAX      PktcEUERSTNfAncLocalMediaEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " Each entry in this table represents the Local Media
      entries. Each entry in this table has StorageType of volatile."
INDEX      {pktcEUEDevOpIndex, pktcEUERSTNfAncLclMediaURI}
 ::= { pktcEUERSTNfAncLocalMediaTable 1 }

```

```

PktcEUERSTNfAncLocalMediaEntry ::=
SEQUENCE {
    pktcEUERSTNfAncLclMediaURI      SnmpAdminString,
    pktcEUERSTNfAncLclMediaType    SnmpAdminString,
    pktcEUERSTNfAncLclMediaData    SnmpAdminString,
    pktcEUERSTNfAncLclMediaStatus  RowStatus
}

```

```

pktcEUERSTNfAncLclMediaURI OBJECT-TYPE
SYNTAX      SnmpAdminString
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This MIB Object specifies the Local Media entry.
      A string identifying the URI for the Local Media."

```

```
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncLocalMediaEntry 1 }
```

```
pktcEUERSTNfAncLclMediaType OBJECT-TYPE
SYNTAX      SnmpAdminString
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the Media Type entry."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncLocalMediaEntry 2 }
```

```
pktcEUERSTNfAncLclMediaData OBJECT-TYPE
SYNTAX      SnmpAdminString
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the Media Data entry."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfAncLocalMediaEntry 3 }
```

```
pktcEUERSTNfAncLclMediaStatus OBJECT-TYPE
SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfAncLocalMediaEntry 4 }
```

```
-----
-- Pktc EUE RST UE ActStatus Change Feature Profile
-- Ref (PacketCable RST specification): "UE ActStatus Change Feature Data"
-----
```

```
pktcEUERSTUEActStatChgFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 3 }
```

```
-- The USER UE ActStatus Change Feature Table
```

```
pktcEUERSTUEActStatChgTable OBJECT-TYPE
SYNTAX      SEQUENCE OF PktcEUERSTUEActStatChgEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data table represents User-based parameters
      associated with the UE ActStatus Change Feature for the
      RST Service."
 ::= { pktcEUERSTUEActStatChgFeat 1 }
```

```
pktcEUERSTUEActStatChgEntry OBJECT-TYPE
SYNTAX      PktcEUERSTUEActStatChgEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " Each entry in this data table describes an association
      of an user with a UE ActStatus Change Feature parameter.
      Each entry in this table has StorageType of volatile."
INDEX      { pktcEUERSTUEActStatChgIndex }
```

```

 ::= { pktcEUERSTUEActStatChgTable 1 }

PktcEUERSTUEActStatChgEntry ::=
  SEQUENCE {
    pktcEUERSTUEActStatChgIndex      PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTUEActStatChgRegExp    Unsigned32,
    pktcEUERSTUEActStatChgStatus    RowStatus
  }

pktcEUERSTUEActStatChgIndex OBJECT-TYPE
  SYNTAX      PktcEUETCRSTAppFeatIndexType
  MAX-ACCESS  not-accessible
  STATUS      current
  DESCRIPTION
    " This data element provides an index for the table.
      Values used for this index must be greater than zero
      and are not required to be sequential. This index
      value may be provided as data in other objects that
      reference this table."
  ::= { pktcEUERSTUEActStatChgEntry 1 }

pktcEUERSTUEActStatChgRegExp OBJECT-TYPE
  SYNTAX      Unsigned32
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " This MIB Object specifies the UE ActStatus Registration expiration
      in seconds."
  REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
  ::= { pktcEUERSTUEActStatChgEntry 2 }

pktcEUERSTUEActStatChgStatus OBJECT-TYPE
  SYNTAX      RowStatus
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
  ::= { pktcEUERSTUEActStatChgEntry 3 }

-----
-- Pktc EUE RST No Answer Timeout Feature Profile
-- Ref (PacketCable RST specification): "No Answer Timeout Feature Data"
-----
pktcEUERSTNoAnsTimeoutFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 4 }

-- The USER No Answer timeout Feature Table

pktcEUERSTNoAnsTimeoutTable OBJECT-TYPE
  SYNTAX      SEQUENCE OF PktcEUERSTNoAnsTimeoutEntry
  MAX-ACCESS  not-accessible
  STATUS      current
  DESCRIPTION
    " This data table represents User-based parameters
      associated with the No Answer Timeout Feature for the
      RST Service."
  ::= { pktcEUERSTNoAnsTimeoutFeat 1 }

```

```

pktcEUERSTNoAnsTimeoutEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNoAnsTimeoutEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a No Answer Timeout Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktcEUERSTNoAnsTOIndex }
    ::= { pktcEUERSTNoAnsTimeoutTable 1 }

PktcEUERSTNoAnsTimeoutEntry ::=
    SEQUENCE {
        pktcEUERSTNoAnsTOIndex      PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTNoAnsTODuration  Unsigned32,
        pktcEUERSTNoAnsTOSTatus    RowStatus
    }

pktcEUERSTNoAnsTOIndex OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTNoAnsTimeoutEntry 1 }

pktcEUERSTNoAnsTODuration OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the No Answer Timeout Duration
          in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNoAnsTimeoutEntry 2 }

pktcEUERSTNoAnsTOSTatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNoAnsTimeoutEntry 3 }

-----
-- Pktc EUE RST Caller ID Feature Profile
-- Ref (PacketCable RST specification): " Caller ID Feature Data"
-----
pktcEUERSTCallerIdFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 5 }

-- The USER Caller ID Feature Table

```

```

pktcEUERSTCIDTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCIDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Caller ID Feature for the
          RST Service."
    ::= { pktcEUERSTCallerIdFeat 1 }

pktcEUERSTCIDEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCIDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Caller ID Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktcEUERSTCIDIndex }
    ::= { pktcEUERSTCIDTable 1 }

PktcEUERSTCIDEntry ::=
    SEQUENCE {
        pktcEUERSTCIDIndex      PktcEUECTCRSTAppFeatIndexType,
        pktcEUERSTCIDPPS        INTEGER,
        pktcEUERSTCIDStatus     RowStatus
    }

pktcEUERSTCIDIndex OBJECT-TYPE
    SYNTAX      PktcEUECTCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCIDEntry 1 }

pktcEUERSTCIDPPS OBJECT-TYPE
    SYNTAX      INTEGER {
                    anonymous(1),
                    public(2)
                }
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Permanent Presentation ActStatus."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCIDEntry 2 }

pktcEUERSTCIDStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this

```

```

        row while the row is active.
        A created row can be set to active only after all corresponding
        instances of objects in the row have been set to valid values."
 ::= { pktceUERSTCIDEntry 3 }

-----
-- Pktc EUE RST Caller ID Display Feature Profile
-- Ref (PacketCable RST specification): "Caller ID Display Feature Data"
-----

pktceUERSTCIDDisFeat OBJECT IDENTIFIER ::= { pktceUERSTFeatures 6 }

-- The USER Caller ID Display Feature Table

pktceUERSTCIDDisTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktceUERSTCIDDisEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Caller ID Display Feature for the
          RST Service."
    ::= { pktceUERSTCIDDisFeat 1 }

pktceUERSTCIDDisEntry OBJECT-TYPE
    SYNTAX      PktceUERSTCIDDisEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Caller ID Display Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX      { pktceUERSTCIDDisIndex }
    ::= { pktceUERSTCIDDisTable 1 }

PktceUERSTCIDDisEntry ::=
    SEQUENCE {
        pktceUERSTCIDDisIndex          PktceUETCRSTAppFeatIndexType,
        pktceUERSTCIDDisCNDActStat     TruthValue,
        pktceUERSTCIDDisCNAMDActStat   TruthValue,
        pktceUERSTCIDDisDefCountry     SnmpAdminString,
        pktceUERSTCIDDisStatus         RowStatus
    }

pktceUERSTCIDDisIndex OBJECT-TYPE
    SYNTAX      PktceUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktceUERSTCIDDisEntry 1 }

pktceUERSTCIDDisCNDActStat OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current

```

DESCRIPTION

" This MIB Object specifies the activation status for Calling Number Display (CND)."

REFERENCE "PacketCable Residential SIP Telephony Feature Specification"

::= { pktcEUERSTCIDDisEntry 2 }

pktcEUERSTCIDDisCNAMDActStat OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-create

STATUS current

DESCRIPTION

" This MIB Object specifies the activation status for Calling Name Display (CNAM)."

REFERENCE "PacketCable Residential SIP Telephony Feature Specification"

::= { pktcEUERSTCIDDisEntry 3 }

pktcEUERSTCIDDisDefCountry OBJECT-TYPE

SYNTAX SnmpAdminString

MAX-ACCESS read-create

STATUS current

DESCRIPTION

" This MIB Object specifies default country code."

REFERENCE "PacketCable Residential SIP Telephony Feature Specification"

::= { pktcEUERSTCIDDisEntry 4 }

pktcEUERSTCIDDisStatus OBJECT-TYPE

SYNTAX RowStatus

MAX-ACCESS read-create

STATUS current

DESCRIPTION

" The status of this conceptual row.

There is no restriction on the ability to change values in this row while the row is active.

A created row can be set to active only after all corresponding instances of objects in the row have been set to valid values."

::= { pktcEUERSTCIDDisEntry 5 }

-- A static object

pktcEUERSTCIDDisTimeAdj OBJECT-TYPE

SYNTAX Integer32

MAX-ACCESS read-write

STATUS current

DESCRIPTION

" This MIB Object specifies the adjustment from location invariant time to time at current location. The time delta in minutes."

REFERENCE "PacketCable Residential SIP Telephony Feature Specification"

::= { pktcEUERSTCIDDisFeat 2 }

 -- Pktc EUE RST Caller ID Per Call Blocking Feature Profile

-- Ref (PacketCable RST specification): "Caller ID Per-Call Blocking Feature Data"

 pktcEUERSTCIDCallBlkFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 7 }

-- The USER Caller Call Block Feature Table

pktcEUERSTCallBlkTable OBJECT-TYPE

```

SYNTAX      SEQUENCE OF PktcEUERSTCallBlkEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data table represents User-based parameters
      associated with the Call Block Feature for the
      RST Service."
 ::= { pktcEUERSTCIDCallBlkFeat 1 }

```

```

pktcEUERSTCallBlkEntry OBJECT-TYPE
SYNTAX      PktcEUERSTCallBlkEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " Each entry in this data table describes an association
      of an user with a Call Block Feature parameter.
      Each entry in this table has StorageType of volatile."
INDEX { pktcEUERSTCIDBlkIndex }
 ::= { pktcEUERSTCallBlkTable 1 }

```

```

PktcEUERSTCallBlkEntry ::=
SEQUENCE {
    pktcEUERSTCIDBlkIndex          PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTCIDBlkConfTone      PktcRSTTCTONEANNC,
    pktcEUERSTCIDBlkErrTone       PktcRSTTCTONEANNC,
    pktcEUERSTCIDBlkStatus        RowStatus
}

```

```

pktcEUERSTCIDBlkIndex OBJECT-TYPE
SYNTAX      PktcEUETCRSTAppFeatIndexType
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
    " This data element provides an index for the table.
      Values used for this index must be greater than zero
      and are not required to be sequential. This index
      value may be provided as data in other objects that
      reference this table."
 ::= { pktcEUERSTCallBlkEntry 1 }

```

```

pktcEUERSTCIDBlkConfTone OBJECT-TYPE
SYNTAX      PktcRSTTCTONEANNC
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the confirmation tone after
      vertical feature code."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTCallBlkEntry 2 }

```

```

pktcEUERSTCIDBlkErrTone OBJECT-TYPE
SYNTAX      PktcRSTTCTONEANNC
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the error tone after
      vertical feature code failure."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTCallBlkEntry 3 }

```

```

pktcEUERSTCIDBlkStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallBlkEntry 4 }

-----
-- Pktc EUE RST Caller ID Per Call Delivery Feature Profile
-- Ref (PacketCable RST specification): "Caller ID Per-Call Delivery Feature
Data"
-----
pktcEUERSTCIDCallDelFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 8 }

-- The USER Caller Call Delivery Feature Table

pktcEUERSTCallDelTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallDelEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Delivery Feature for the
          RST Service."
    ::= { pktcEUERSTCIDCallDelFeat 1 }

pktcEUERSTCallDelEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallDelEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Call Delivery Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktcEUERSTCIDDelIndex }
    ::= { pktcEUERSTCallDelTable 1 }

PktcEUERSTCallDelEntry ::=
    SEQUENCE {
        pktcEUERSTCIDDelIndex          PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTCIDDelConfTone      PktcRSTTCTONEANNC,
        pktcEUERSTCIDDelErrTone       PktcRSTTCTONEANNC,
        pktcEUERSTCIDDelStatus        RowStatus
    }

pktcEUERSTCIDDelIndex OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."

```

```

 ::= { pktcEUERSTCallDelEntry 1 }

pktcEUERSTCIDDelConfTone OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the confirmation tone after
          vertical feature code."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallDelEntry 2 }

pktcEUERSTCIDDelErrTone OBJECT-TYPE
    SYNTAX      PkctRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the error tone after
          vertical feature code failure."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallDelEntry 3 }

pktcEUERSTCIDDelStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallDelEntry 4 }

-----
-- Pkct EUE RST Call Forwarding Variable Feature Profile
-- Ref (PacketCable RST specification): "Call Forwarding Variable Feature
Data"
-----
pktcEUERSTCFwdFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 9 }

-- The USER Call Forwarding Feature Table

pktcEUERSTCallFwdTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PkctEUERSTCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Forwarding Feature for the
          RST Service."
    ::= { pktcEUERSTCFwdFeat 1 }

pktcEUERSTCallFwdEntry OBJECT-TYPE
    SYNTAX      PkctEUERSTCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Call Forwarding Feature parameter.

```

Each entry in this table has StorageType of volatile."

```

INDEX { pktcEUERSTCallFwdIndex }
 ::= { pktcEUERSTCallFwdTable 1 }

PktcEUERSTCallFwdEntry ::=
  SEQUENCE {
    pktcEUERSTCallFwdIndex          PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTCallFwdRingReminder  TruthValue,
    pktcEUERSTCallFwdSubDuration   Unsigned32,
    pktcEUERSTCallFwdAUID          PktcEUETCRSTAUID,
    pktcEUERSTCallFwdStatus        RowStatus
  }

pktcEUERSTCallFwdIndex OBJECT-TYPE
  SYNTAX      PktcEUETCRSTAppFeatIndexType
  MAX-ACCESS  not-accessible
  STATUS      current
  DESCRIPTION
    " This data element provides an index for the table.
    Values used for this index must be greater than zero
    and are not required to be sequential. This index
    value may be provided as data in other objects that
    reference this table."
  ::= { pktcEUERSTCallFwdEntry 1 }

pktcEUERSTCallFwdRingReminder OBJECT-TYPE
  SYNTAX      TruthValue
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " This MIB Object specifies the Call Forward Ring Reminder."
  REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
  ::= { pktcEUERSTCallFwdEntry 2 }

pktcEUERSTCallFwdSubDuration OBJECT-TYPE
  SYNTAX      Unsigned32
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " This MIB Object specifies the subscription duration in seconds."
  REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
  ::= { pktcEUERSTCallFwdEntry 3 }

pktcEUERSTCallFwdAUID OBJECT-TYPE
  SYNTAX      PktcEUETCRSTAUID
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " This MIB Object defines the Application Unique Identifier (AUID)
    for this feature."
  REFERENCE  "PacketCable Residential SIP Telephony Feature Specification."
  ::= { pktcEUERSTCallFwdEntry 4 }

pktcEUERSTCallFwdStatus OBJECT-TYPE
  SYNTAX      RowStatus
  MAX-ACCESS  read-create
  STATUS      current
  DESCRIPTION
    " The status of this conceptual row.
    There is no restriction on the ability to change values in this

```

```

        row while the row is active.
        A created row can be set to active only after all corresponding
        instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTCallFwdEntry 5 }

-- The NETWORK Call Forwarding Feature Table

pktcEUERSTNfCallFwdTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based Call Forwarding
        entries"
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCFwdFeat 2 }

pktcEUERSTNfCallFwdEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfCallFwdEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Call Forwarding
        entries. Each entry in this table has StorageType of volatile."
    INDEX      {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfCallFwdTable 1 }

PktcEUERSTNfCallFwdEntry ::=
    SEQUENCE {
        pktcEUERSTNfCallFwdSpDialTone      TruthValue,
        pktcEUERSTNfCallFwdStatus          RowStatus
    }

pktcEUERSTNfCallFwdSpDialTone OBJECT-TYPE
    SYNTAX      TruthValue
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the special conditions dial tone
        when forwarded indicator."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfCallFwdEntry 1 }

pktcEUERSTNfCallFwdStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
        There is no restriction on the ability to change values in this
        row while the row is active.
        A created row can be set to active only after all corresponding
        instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfCallFwdEntry 2 }

-----
-- Pktc EUE RST Call Waiting Feature Data
-- Ref (PacketCable RST specification): "Call Waiting Feature Data"
-----
pktcEUERSTCallWaitFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 10 }

```

```

-----
-- Pktc EUE RST Call Hold Feature Profile
-- Ref (PacketCable RST specification): "Call Hold Feature Data"
-----
pktcEUERSTCallHoldFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 11 }

-- The USER Call Hold Feature Table

pktcEUERSTCallHoldTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallHoldEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Hold Feature for the
          RST Service."
    ::= { pktcEUERSTCallHoldFeat 1 }

pktcEUERSTCallHoldEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallHoldEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Call Hold Feature parameter.
          Each entry in this table has StorageType of volatile."
    INDEX      { pktcEUERSTCHIndex }
    ::= { pktcEUERSTCallHoldTable 1 }

PktcEUERSTCallHoldEntry ::=
    SEQUENCE {
        pktcEUERSTCHIndex          PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTCHFeatConfirm    PktcRSTTCTONEANNC,
        pktcEUERSTCHStatus         RowStatus
    }

pktcEUERSTCHIndex OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallHoldEntry 1 }

pktcEUERSTCHFeatConfirm OBJECT-TYPE
    SYNTAX      PktcRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the feature activation/deactivation
          confirmation indicator."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallHoldEntry 2 }

```

```

pktcEUERSTCHStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallHoldEntry 3 }

-----
-- Pktc EUE RST Call Transfer Feature Profile
-- Ref (PacketCable RST specification): "Call Transfer Feature Data"
-----
pktcEUERSTCallXfrFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 12 }

-- The USER Call Transfer Feature Table

pktcEUERSTCallXfrTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTCallXfrEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Call Hold Transfer for the
          RST Service."
    ::= { pktcEUERSTCallXfrFeat 1 }

pktcEUERSTCallXfrEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTCallXfrEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Call Hold Transfer parameter.
          Each entry in this table has StorageType of volatile."
    INDEX      { pktcEUERSTCXIndex }
    ::= { pktcEUERSTCallXfrTable 1 }

PktcEUERSTCallXfrEntry ::=
    SEQUENCE {
        pktcEUERSTCXIndex          PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTCXNtfyTimeout    Unsigned32,
        pktcEUERSTCXStatus         RowStatus
    }

pktcEUERSTCXIndex OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTCallXfrEntry 1 }

```

```

pktcEUERSTCXNtfyTimeout OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Notify Timeout in seconds."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTCallXfrEntry 2 }

pktcEUERSTCXStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTCallXfrEntry 3 }

-----
-- Pktc 3WC Feature Data
-- Ref (PacketCable RST specification): "3WC Feature Data"
-----
-- No extension objects for this feature

-----
-- Pktc EUE RST Do Not Disturb Feature Profile
-- Ref (PacketCable RST specification): "DND Feature Data"
-----
pktcEUERSTDnDFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 13 }

-- The USER Do Not Disturb Feature Table

pktcEUERSTDnDTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTDnDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Do Not Disturb feature for the
          RST Service."
    ::= { pktcEUERSTDnDFeat 1 }

pktcEUERSTDnDEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTDnDEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Do Not Disturb parameter.
          Each entry in this table has StorageType of volatile."
    INDEX      { pktcEUERSTDnDIndex }
    ::= { pktcEUERSTDnDTable 1 }

PktcEUERSTDnDEntry ::=
    SEQUENCE {
        pktcEUERSTDnDIndex          PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTDnDActConfirm     PktcRSTTCTONEANNC,

```

```

        pktceUERSTDnDDeActConfirm      PktcRSTTCTONEANNC,
        pktceUERSTDnDAUID              PktceUETCRSTAUID,
        pktceUERSTDnDStatus            RowStatus
    }

pktceUERSTDnDIndex OBJECT-TYPE
    SYNTAX      PktceUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktceUERSTDnDEntry 1 }

pktceUERSTDnDActConfirm OBJECT-TYPE
    SYNTAX      PktcRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Feature Activation Confirmation
          Indicator."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktceUERSTDnDEntry 2 }

pktceUERSTDnDDeActConfirm OBJECT-TYPE
    SYNTAX      PktcRSTTCTONEANNC
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the Feature Deactivation Confirmation
          Indicator."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktceUERSTDnDEntry 3 }

pktceUERSTDnDAUID OBJECT-TYPE
    SYNTAX      PktceUETCRSTAUID
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object defines the Application Unique Identifier (AUID)
          for this feature."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification."
    ::= { pktceUERSTDnDEntry 4 }

pktceUERSTDnDStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktceUERSTDnDEntry 5 }

```

```

-----
-- Pktc EUE RST Subscriber Programmable PIN Feature Data
-- Ref (PacketCable RST specification): "Subscriber Programmable PIN Feature
Data"
-----

```

```

-- No extension objects for this feature
-----

```

```

-----
-- Pktc EUE RST MWI Feature Profile
-- Ref (PacketCable RST specification): "MWI Feature Data"
-----

```

```

pktcEUERSTMWIFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 14 }

```

```

-- The NETWORK MWI Feature Table

```

```

pktcEUERSTNfMWITable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfMWIEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based MWI entries"
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTMWIFeat 1 }

```

```

pktcEUERSTNfMWIEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfMWIEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the MWI feature
        entries. Each entry in this table has StorageType of volatile."
    INDEX      {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfMWITable 1 }

```

```

PktcEUERSTNfMWIEntry ::=
    SEQUENCE {
        pktcEUERSTNfMWISubDuration    Unsigned32,
        pktcEUERSTNfMWIStatus        RowStatus
    }

```

```

pktcEUERSTNfMWISubDuration OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the MWI Subscription duration."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTNfMWIEntry 1 }

```

```

pktcEUERSTNfMWIStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
        There is no restriction on the ability to change values in this
        row while the row is active.
        A created row can be set to active only after all corresponding
        instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTNfMWIEntry 2 }

```

```

-----
-- Pktc EUE RST Auto Recall Feature Profile
-- Ref (PacketCable RST specification): "Auto Recall Feature Data"
-----
pktcEUERSTAutoRclFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 15 }

-- The USER Auto Recall Feature Table

pktcEUERSTAutoRclTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTAutoRclEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Auto Recall feature for the
          RST Service."
    ::= { pktcEUERSTAutoRclFeat 1 }

pktcEUERSTAutoRclEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTAutoRclEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Auto Recall parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktcEUERSTARIndex }
    ::= { pktcEUERSTAutoRclTable 1 }

PktcEUERSTAutoRclEntry ::=
    SEQUENCE {
        pktcEUERSTARIndex                PktcEUETCRSTAppFeatIndexType,
        pktcEUERSTARTimer                Unsigned32,
        pktcEUERSTARSpRngDuration        Unsigned32,
        pktcEUERSTARSpRngRetryTime      Unsigned32,
        pktcEUERSTARSpRngRetries        Unsigned32,
        pktcEUERSTARMMaxSubSend         Unsigned32,
        pktcEUERSTARMMaxSubRec          Unsigned32,
        pktcEUERSTARStatus               RowStatus
    }

pktcEUERSTARIndex OBJECT-TYPE
    SYNTAX      PktcEUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index
          value may be provided as data in other objects that
          reference this table."
    ::= { pktcEUERSTAutoRclEntry 1 }

pktcEUERSTARTimer OBJECT-TYPE
    SYNTAX      Unsigned32 (0..30)
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the auto recall timer.

```

```

        This is minutes of feature duration."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
DEFVAL    {30}
 ::= { pktcEUERSTAutoRclEntry 2 }

pktcEUERSTARSpRngDuration OBJECT-TYPE
SYNTAX    Unsigned32
MAX-ACCESS read-create
STATUS    current
DESCRIPTION
    " This MIB Object specifies the auto recall special ring duration.
      This is the number of special ringing ring cycles."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoRclEntry 3 }

pktcEUERSTARSpRngRetryTime OBJECT-TYPE
SYNTAX    Unsigned32
MAX-ACCESS read-create
STATUS    current
DESCRIPTION
    " This MIB Object specifies the auto recall special ringing retry
      wait interval. This is seconds to wait between attempts to alert
      the user with special ringing."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoRclEntry 4 }

pktcEUERSTARSpRngRetries OBJECT-TYPE
SYNTAX    Unsigned32
MAX-ACCESS read-create
STATUS    current
DESCRIPTION
    " This MIB Object specifies the number of auto recall special ringing
      retries.
      This is the number of times to retry special ringing before
canceling
      the AR request."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoRclEntry 5 }

pktcEUERSTARMaxSubSend OBJECT-TYPE
SYNTAX    Unsigned32
MAX-ACCESS read-create
STATUS    current
DESCRIPTION
    " This MIB Object specifies the maximum number of simultaneous
      subscribers the UE should send."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoRclEntry 6 }

pktcEUERSTARMaxSubRec OBJECT-TYPE
SYNTAX    Unsigned32
MAX-ACCESS read-create
STATUS    current
DESCRIPTION
    " This MIB Object specifies the maximum number of simultaneous
      subscriptions the UE should honor."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoRclEntry 7 }

pktcEUERSTARStatus OBJECT-TYPE

```

```

SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktceUERSTAutoRclEntry 8 }

-----
-- Pktc EUE RST Auto Callback Feature Profile
-- Ref (PacketCable RST specification): "Auto Callback Feature Data"
-----
pktceUERSTAutoCbFeat OBJECT IDENTIFIER ::= { pktceUERSTFeatures 16 }

-- The USER Auto Callback Feature Table

pktceUERSTAutoCbTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktceUERSTAutoCbEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents User-based parameters
          associated with the Auto Callback feature for the
          RST Service."
    ::= { pktceUERSTAutoCbFeat 1 }

pktceUERSTAutoCbEntry OBJECT-TYPE
    SYNTAX      PktceUERSTAutoCbEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes an association
          of an user with a Auto Callback parameter.
          Each entry in this table has StorageType of volatile."
    INDEX { pktceUERSTACbIndex }
    ::= { pktceUERSTAutoCbTable 1 }

PktceUERSTAutoCbEntry ::=
    SEQUENCE {
        pktceUERSTACbIndex                PktceUETCRSTAppFeatIndexType,
        pktceUERSTACbTimer                 Unsigned32,
        pktceUERSTACbSpRngDuration         Unsigned32,
        pktceUERSTACbSpRngRetryTime       Unsigned32,
        pktceUERSTACbSpRngRetries         Unsigned32,
        pktceUERSTACbMaxSubSend            Unsigned32,
        pktceUERSTACbMaxSubRec             Unsigned32,
        pktceUERSTACbStatus                 RowStatus
    }

pktceUERSTACbIndex OBJECT-TYPE
    SYNTAX      PktceUETCRSTAppFeatIndexType
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data element provides an index for the table.
          Values used for this index must be greater than zero
          and are not required to be sequential. This index

```

```

        value may be provided as data in other objects that
        reference this table."
 ::= { pktcEUERSTAutoCbEntry 1 }

pktcEUERSTACbTimer OBJECT-TYPE
SYNTAX      Unsigned32 (0..30)
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the auto callback timer.
      This is minutes of feature duration. 0-30min. Default=30"
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
DEFVAL     {30}
 ::= { pktcEUERSTAutoCbEntry 2 }

pktcEUERSTACbSpRngDuration OBJECT-TYPE
SYNTAX      Unsigned32
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the auto callback special ring duration.
      This is the number of special ringing ring cycles."
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoCbEntry 3 }

pktcEUERSTACbSpRngRetryTime OBJECT-TYPE
SYNTAX      Unsigned32
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the auto callback special ringing retry
      wait interval. This is seconds to wait between attempts to alert
      the user with special ringing."
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoCbEntry 4 }

pktcEUERSTACbSpRngRetries OBJECT-TYPE
SYNTAX      Unsigned32
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the number of auto callback special
ringing
    retries.
    This is the number of times to retry special ringing before
canceling
    the AR request."
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoCbEntry 5 }

pktcEUERSTACbMaxSubSend OBJECT-TYPE
SYNTAX      Unsigned32
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
    " This MIB Object specifies the maximum number of simultaneous
    subscribes the UE should send.."
REFERENCE   "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTAutoCbEntry 6 }

```

```

pktcEUERSTACbMaxSubRec OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the maximum number of simultaneous
          subscriptions the UE should honor."
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTAutoCbEntry 7 }

```

```

pktcEUERSTACbStatus OBJECT-TYPE
    SYNTAX      RowStatus
    MAX-ACCESS  read-create
    STATUS      current
    DESCRIPTION
        " The status of this conceptual row.
          There is no restriction on the ability to change values in this
          row while the row is active.
          A created row can be set to active only after all corresponding
          instances of objects in the row have been set to valid values."
    ::= { pktcEUERSTAutoCbEntry 8 }

```

```

-----
-- Pktc EUE RST Busy Line Verify Feature Profile
-- Ref (PacketCable RST specification): "Busy Line Verify Feature Data"
-----
pktcEUERSTBusyLineVFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 17 }

```

```
-- The NETWORK Busy Line Verify Feature Table
```

```

pktcEUERSTNfBusyLineVTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEUERSTNfBusyLineVEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the network-based Busy Line Verify
          Feature entries"
    REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
    ::= { pktcEUERSTBusyLineVFeat 1 }

```

```

pktcEUERSTNfBusyLineVEntry OBJECT-TYPE
    SYNTAX      PktcEUERSTNfBusyLineVEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this table represents the Busy Line Verify feature
          entries. Each entry in this table has StorageType of volatile."
    INDEX      {pktcEUEDevOpIndex}
    ::= { pktcEUERSTNfBusyLineVTable 1 }

```

```

PktcEUERSTNfBusyLineVEntry ::=
    SEQUENCE {
        pktcEUERSTNfBLVOperId  SnmpAdminString,
        pktcEUERSTNfBLVStatus  RowStatus
    }

```

```

pktcEUERSTNfBLVOperId OBJECT-TYPE
    SYNTAX      SnmpAdminString
    MAX-ACCESS  read-create
    STATUS      current

```

DESCRIPTION

" This MIB Object specifies the Busy Line Verify Operator Id."
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfBusyLineVEntry 1 }

pktcEUERSTNfBLVStatus OBJECT-TYPE

SYNTAX RowStatus
 MAX-ACCESS read-create
 STATUS current
 DESCRIPTION

" The status of this conceptual row.
 There is no restriction on the ability to change values in this row while the row is active.
 A created row can be set to active only after all corresponding instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfBusyLineVEntry 2 }

 -- Pkctc EUE RST Emergency Services Feature Profile
 -- Ref (PacketCable RST specification): "Emergency Services Feature Data"

pktcEUERSTEmSvcFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 18 }

-- The NETWORK Emergency Services Feature Table

pktcEUERSTNfEmSvcTable OBJECT-TYPE

SYNTAX SEQUENCE OF PktcEUERSTNfEmSvcEntry
 MAX-ACCESS not-accessible
 STATUS current
 DESCRIPTION

" This data table represents the network-based Emergency Services Feature entries"
 REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTEmSvcFeat 1 }

pktcEUERSTNfEmSvcEntry OBJECT-TYPE

SYNTAX PktcEUERSTNfEmSvcEntry
 MAX-ACCESS not-accessible
 STATUS current
 DESCRIPTION

" Each entry in this table represents the Emergency Services feature entries. Each entry in this table has StorageType of volatile."
 INDEX {pktcEUEDevOpIndex}

::= { pktcEUERSTNfEmSvcTable 1 }

PktcEUERSTNfEmSvcEntry ::=

SEQUENCE {
 pktcEUERSTNfEmSvcNwHoldTimer Unsigned32,
 pktcEUERSTNfEmSvcHowlTimer Unsigned32,
 pktcEUERSTNfEmSvcDSCPValMedia Unsigned32,
 pktcEUERSTNfEmSvcDSCPValSig Unsigned32,
 pktcEUERSTNfEmSvcStatus RowStatus
 }

pktcEUERSTNfEmSvcNwHoldTimer OBJECT-TYPE

SYNTAX Unsigned32
 MAX-ACCESS read-create
 STATUS current
 DESCRIPTION

```

    " This MIB Object specifies the Emergency Services network hold
      timer in minutes."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
DEFVAL   {45}
 ::= { pktcEUERSTNfEmSvcEntry 1 }

pktcEUERSTNfEmSvcHowlTimer OBJECT-TYPE
SYNTAX   Unsigned32
MAX-ACCESS read-create
STATUS   current
DESCRIPTION
    " This MIB Object specifies the Emergency Services howler
      timer in seconds. "
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
DEFVAL   {3}
 ::= { pktcEUERSTNfEmSvcEntry 2 }

pktcEUERSTNfEmSvcDSCPValMedia OBJECT-TYPE
SYNTAX   Unsigned32 (0..63)
MAX-ACCESS read-create
STATUS   current
DESCRIPTION
    " This MIB Object specifies the DSCP Value for network packets
      carrying the Media (RTP) information for Emergency Services."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfEmSvcEntry 3 }

pktcEUERSTNfEmSvcDSCPValSig OBJECT-TYPE
SYNTAX   Unsigned32 (0..63)
MAX-ACCESS read-create
STATUS   current
DESCRIPTION
    " This MIB Object specifies the DSCP Value for network packets
      carrying the Signaling information for Emergency Services."
REFERENCE "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTNfEmSvcEntry 4 }

pktcEUERSTNfEmSvcStatus OBJECT-TYPE
SYNTAX   RowStatus
MAX-ACCESS read-create
STATUS   current
DESCRIPTION
    " The status of this conceptual row.
      There is no restriction on the ability to change values in this
      row while the row is active.
      A created row can be set to active only after all corresponding
      instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTNfEmSvcEntry 5 }

-----
-- Pktc EUE RST SCF Feature Profile
-- Ref (PacketCable RST specification): "SCF Feature Data"
-----
pktcEUERSTSCFFeat OBJECT IDENTIFIER ::= { pktcEUERSTFeatures 19 }

-- The USER Call Forwarding Feature Table

pktcEUERSTSCFTable OBJECT-TYPE
SYNTAX   SEQUENCE OF PktcEUERSTSCFEntry
MAX-ACCESS not-accessible

```

```

STATUS      current
DESCRIPTION
  " This data table represents User-based parameters
  associated with the RST SCF Feature."
 ::= { pktcEUERSTSCFFeat 1 }

```

```

pktcEUERSTSCFEntry OBJECT-TYPE
SYNTAX      PktcEUERSTSCFEntry
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
  " Each entry in this data table describes an association
  of an user with a SCF parameter.
  Each entry in this table has StorageType of volatile."
INDEX       { pktcEUERSTSCFIndex }
 ::= { pktcEUERSTSCFTable 1 }

```

```

PktcEUERSTSCFEntry ::=
SEQUENCE {
    pktcEUERSTSCFIndex          PktcEUETCRSTAppFeatIndexType,
    pktcEUERSTSCFRingReminder  TruthValue,
    pktcEUERSTSCFAUID          PktcEUETCRSTAUID,
    pktcEUERSTSCFStatus        RowStatus
}

```

```

pktcEUERSTSCFIndex OBJECT-TYPE
SYNTAX      PktcEUETCRSTAppFeatIndexType
MAX-ACCESS  not-accessible
STATUS      current
DESCRIPTION
  " This data element provides an index for the table.
  Values used for this index must be greater than zero
  and are not required to be sequential. This index
  value may be provided as data in other objects that
  reference this table."
 ::= { pktcEUERSTSCFEntry 1 }

```

```

pktcEUERSTSCFRingReminder OBJECT-TYPE
SYNTAX      TruthValue
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
  " This MIB Object specifies the Call Forward Ring Reminder."
REFERENCE  "PacketCable Residential SIP Telephony Feature Specification"
 ::= { pktcEUERSTSCFEntry 2 }

```

```

pktcEUERSTSCFAUID OBJECT-TYPE
SYNTAX      PktcEUETCRSTAUID
MAX-ACCESS  read-create
STATUS      current
DESCRIPTION
  " This MIB Object defines the Application Unique Identifier (AUID)
  for this feature."
REFERENCE  "PacketCable Residential SIP Telephony Feature Specification."
 ::= { pktcEUERSTSCFEntry 3 }

```

```

pktcEUERSTSCFStatus OBJECT-TYPE
SYNTAX      RowStatus
MAX-ACCESS  read-create
STATUS      current

```

DESCRIPTION

```

" The status of this conceptual row.
  There is no restriction on the ability to change values in this
  row while the row is active.
  A created row can be set to active only after all corresponding
  instances of objects in the row have been set to valid values."
 ::= { pktcEUERSTSCFEntry 4 }

```

```

-----
-- Conformance Information
-----

```

```

-- Compliance ActStatements

```

```

pktcEUERSTCompliance MODULE-COMPLIANCE

```

```

  STATUS current

```

DESCRIPTION

```

  "The compliance statement for implementations of the RST Mib "
  MODULE -- this module

```

```

  MANDATORY-GROUPS {
    pktcEUERSTProfileGroup,
    pktcEUERSTBasicCallGroup,
    pktcEUERSTUEStGroup,
    pktcEUERSTNoAnsGroup,
    pktcEUERSTCallerIDGroup,
    pktcEUERSTCallFwdGroup,
    pktcEUERSTCallHoldGroup,
    pktcEUERSTCallTransGroup,
    pktcEUERSTDNDGroup,
    pktcEUERSTMWIGroup,
    pktcEUERSTAutoRecallGroup,
    pktcEUERSTAutoCallbackGroup,
    pktcEUERSTBusyLineGroup,
    pktcEUERSTEMerSvcGroup,
    pktcEUERSTDigitMapGroup,
    pktcEUERSTAppProfileGroup,
    pktcEUERSTSCFProfileGroup
  }

```

```

GROUP pktcEUERSTAncGroup

```

DESCRIPTION

```

  " This group is conditionally OPTIONAL. An EUE MUST implement
  if and only if the MIB Objects of this group if an EUE supports
  the Announcement Feature."

```

```

MODULE PKTC-IETF-SIG-MIB -- Group of the MIB Objects from RFC5098

```

```

  MANDATORY-GROUPS {
    pktcSigDeviceGroup
  }

```

```

OBJECT pktcSigDevVmwiMode

```

```

MIN-ACCESS not-accessible

```

DESCRIPTION

```

  " Object not applicable for the eUE."

```

```

OBJECT pktcSigCapabilityType

```

```

MIN-ACCESS not-accessible

```

DESCRIPTION

```

    " Object not applicable for the eUE."

OBJECT pktcSigCapabilityVersion
MIN-ACCESS not-accessible
DESCRIPTION
    " Object not applicable for the eUE."

OBJECT pktcSigCapabilityVendorExt
MIN-ACCESS not-accessible
DESCRIPTION
    " Object not applicable for the eUE."

OBJECT pktcSigDefNcsReceiveUdpPort
MIN-ACCESS not-accessible
DESCRIPTION
    " Object not applicable for the eUE."

::= { pktcEUEIRSTCompliances 1 }

```

```

pktcEUEIRSTProfileGroup OBJECT-GROUP
  OBJECTS {
    pktcEUEIRSTProfileVersion
  }
  STATUS current
  DESCRIPTION
    "The eUE RST Profile Group."
  ::= { pktcEUEIRSTGroups 1}

```

```

pktcEUEIRSTBasicCallGroup OBJECT-GROUP
  OBJECTS {
    pktcEUEIRSTBCallSDP,
    pktcEUEIRSTBCallStatus,
    pktcEUEIRSTNfBCallByeDelay,
    pktcEUEIRSTNfBCallOrigDTTimer,
    pktcEUEIRSTNfBCallTermOHErrSig,
    pktcEUEIRSTNfBCallTermErrSigTimer,
    pktcEUEIRSTNfBCallPermSeqTone1,
    pktcEUEIRSTNfBCallPermSeqTimer1,
    pktcEUEIRSTNfBCallPermSeqTone2,
    pktcEUEIRSTNfBCallPermSeqTimer2,
    pktcEUEIRSTNfBCallPermSeqTone3,
    pktcEUEIRSTNfBCallPermSeqTimer3,
    pktcEUEIRSTNfBCallLORTimer,
    pktcEUEIRSTNfBCallNEMDSCPValueMedia,
    pktcEUEIRSTNfBCallNEMDSCPValueSig,
    pktcEUEIRSTNfBCallStatus
  }
  STATUS current
  DESCRIPTION
    "The RST Basic Call Group."
  ::= { pktcEUEIRSTGroups 2}

```

```

pktcEUEIRSTAncGroup OBJECT-GROUP
  OBJECTS {
    pktcEUEIRSTAncPrefLang,
    pktcEUEIRSTAncStatus,
    pktcEUEIRSTNfAncRes,
    pktcEUEIRSTNfAncDomain,

```

```

    pktceUERSTNfAncPath,
    pktceUERSTNfAncMIMEType,
    pktceUERSTNfAncStatus,
    pktceUERSTNfAncMapURI,
    pktceUERSTNfAncMapStatus,
    pktceUERSTNfAncMediaURI,
    pktceUERSTNfAncMediaCachMaxAge,
    pktceUERSTNfAncMediaStatus,
    pktceUERSTNfAncLclMediaData,
    pktceUERSTNfAncLclMediaType,
    pktceUERSTNfAncLclMediaStatus
}
STATUS current
DESCRIPTION
    "The RST Announcement Group."
::= { pktceUERSTGroups 3}

pktceUERSTUEStGroup OBJECT-GROUP
OBJECTS {
    pktceUERSTUEActStatChgRegExp,
    pktceUERSTUEActStatChgStatus
}
STATUS current
DESCRIPTION
    "The RST UE ActStatus Change Group."
::= { pktceUERSTGroups 4}

pktceUERSTNoAnsGroup OBJECT-GROUP
OBJECTS {
    pktceUERSTNoAnsTODuration,
    pktceUERSTNoAnsTOSTatus
}
STATUS current
DESCRIPTION
    "The RST No Answer Timeout Group."
::= { pktceUERSTGroups 5}

pktceUERSTCallerIDGroup OBJECT-GROUP
OBJECTS {
    pktceUERSTCIDPPS,
    pktceUERSTCIDStatus,
    -- CID Display
    pktceUERSTCIDDisTimeAdj,
    pktceUERSTCIDDisCNDActStat,
    pktceUERSTCIDDisCNAMDActStat,
    pktceUERSTCIDDisDefCountry,
    pktceUERSTCIDDisStatus,
    -- CID per Blocking
    pktceUERSTCIDCBlkConfTone,
    pktceUERSTCIDCBlkErrTone,
    pktceUERSTCIDCBlkStatus,
    -- CID per Delivery
    pktceUERSTCIDDelConfTone,
    pktceUERSTCIDDelErrTone,
    pktceUERSTCIDDelStatus
}
STATUS current
DESCRIPTION
    "The RST Caller ID Group."
::= { pktceUERSTGroups 6}

```

```
pktceUERSTCallFwdGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTCallFwdRingReminder,
    pktceUERSTCallFwdSubDuration,
    pktceUERSTCallFwdAUID,
    pktceUERSTCallFwdStatus,
    pktceUERSTNfCallFwdSpDialTone,
    pktceUERSTNfCallFwdStatus
  }
  STATUS current
  DESCRIPTION
    "The RST Call Forward Group."
  ::= { pktceUERSTGroups 7}

pktceUERSTCallHoldGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTCHFeatConfirm,
    pktceUERSTCHStatus
  }
  STATUS current
  DESCRIPTION
    "The RST Call Hold Group."
  ::= { pktceUERSTGroups 8}

pktceUERSTCallTransGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTCXNtfyTimeout,
    pktceUERSTCXStatus
  }
  STATUS current
  DESCRIPTION
    "The RST Call Transfer Group."
  ::= { pktceUERSTGroups 9}

pktceUERSTDNDGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTDnDActConfirm,
    pktceUERSTDnDDeActConfirm,
    pktceUERSTDnDAUID,
    pktceUERSTDnDStatus
  }
  STATUS current
  DESCRIPTION
    "The RST Do Not Disturb Group."
  ::= { pktceUERSTGroups 10}

pktceUERSTMWIGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTNfMWISubDuration,
    pktceUERSTNfMWIStatus
  }
  STATUS current
  DESCRIPTION
    "The RST MWI Group."
  ::= { pktceUERSTGroups 11}

pktceUERSTAutoRecallGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTARTimer,
```

```

        pktceUERSTARSpRngDuration,
        pktceUERSTARSpRngRetryTime,
        pktceUERSTARSpRngRetries,
        pktceUERSTARMaxSubSend,
        pktceUERSTARMaxSubRec,
        pktceUERSTARStatus
    }
    STATUS current
    DESCRIPTION
        "The RST Auto Recall Group."
    ::= { pktceUERSTGroups 13}

pktceUERSTAutoCallbackGroup OBJECT-GROUP
    OBJECTS {
        pktceUERSTACbTimer,
        pktceUERSTACbSpRngDuration,
        pktceUERSTACbSpRngRetryTime,
        pktceUERSTACbSpRngRetries,
        pktceUERSTACbMaxSubSend,
        pktceUERSTACbMaxSubRec,
        pktceUERSTACbStatus
    }
    STATUS current
    DESCRIPTION
        "The RST Auto Callback Group."
    ::= { pktceUERSTGroups 14}

pktceUERSTBusyLineGroup OBJECT-GROUP
    OBJECTS {
        pktceUERSTNfBLVOperId,
        pktceUERSTNfBLVStatus
    }
    STATUS current
    DESCRIPTION
        "The RST Busy Line Verify Group."
    ::= { pktceUERSTGroups 15}

pktceUERSTEmerSvcGroup OBJECT-GROUP
    OBJECTS {
        pktceUERSTNfEmSvcNwHoldTimer,
        pktceUERSTNfEmSvcHowlTimer,
        pktceUERSTNfEmSvcDSCPValMedia,
        pktceUERSTNfEmSvcDSCPValSig,
        pktceUERSTNfEmSvcStatus
    }
    STATUS current
    DESCRIPTION
        "The RST Emergency Services Group."
    ::= { pktceUERSTGroups 16}

pktceUERSTDigitMapGroup OBJECT-GROUP
    OBJECTS {
        pktceUERSTDMValue,
        pktceUERSTDMStatus
    }
    STATUS current
    DESCRIPTION
        "The Digit Map Group."
    ::= { pktceUERSTGroups 17}

```

```
pktceUERSTAppProfileGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTAppFeatID,
    pktceUERSTAppFeatIndexRef,
    pktceUERSTAppAdminStat,
    pktceUERSTAppAdminStatInfo,
    pktceUERSTAppOperStat,
    pktceUERSTAppOperStatInfo,
    pktceUERSTAppStatus
  }
  STATUS current
  DESCRIPTION
    "The App Profile Group."
  ::= { pktceUERSTGroups 18}

pktceUERSTSCFProfileGroup OBJECT-GROUP
  OBJECTS {
    pktceUERSTSCFRingReminder,
    pktceUERSTSCFAUID,
    pktceUERSTSCFStatus
  }
  STATUS current
  DESCRIPTION
    "The SCF Profile Group."
  ::= { pktceUERSTGroups 19}

END
```

Annex B PacketCable EDVA Configuration Module

B.1 E-DVA MIB

```

CL-PKTC-EUE-EDVA-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY,
    OBJECT-TYPE,
    Integer32,
    Unsigned32
        FROM SNMPv2-SMI
    OBJECT-GROUP,
    MODULE-COMPLIANCE
        FROM SNMPv2-CONF
    TruthValue
        FROM SNMPv2-TC
    SnmpAdminString
        FROM SNMP-FRAMEWORK-MIB
    InetAddress,
    InetAddressType
        FROM INET-ADDRESS-MIB
    ifIndex
        FROM IF-MIB
    pktcEUEDeviceMibs
        FROM CLAB-DEF-MIB;

pktcEDVAMIB MODULE-IDENTITY
    LAST-UPDATED "200807100000Z" -- July 10, 2008
    ORGANIZATION "Cable Television Laboratories, Inc."
    CONTACT-INFO
        "Broadband Network Services
        Cable Television Laboratories, Inc.
        858 Coal Creek Circle,
        Louisville, CO 80027, USA
        Phone: +1 303-661-9100
        Email: mibs@cablelabs.com

        Acknowledgements:
        Thomas Clack, Broadcom - Primary author
        Satish Kumar, Texas Instruments,
        Eugene Nechamkin, Broadcom
        Sumanth Channabasappa, CableLabs
        John Berg, CableLabs
        Eduardo Cardona, CableLabs
        and members of the PacketCable 2.0 Provisioning Focus Team."
    DESCRIPTION
        "This MIB module contains configuration MIB
        objects for the PacketCable E-DVA."
    REVISION "200807100000Z" -- July 10, 2008
    DESCRIPTION
        "Revised Version includes ECN RST-EUE-PROV-N-08.0525-5
        and published as I02"
    REVISION "200711060000Z" -- Nov 6, 2007
    DESCRIPTION
        "Initial version, published as part of the CableLabs
        RST E-UE Provisioning Specification

```

```

        PKT-SP-RST-EUE-PROV-I01-071106
        Copyright 1999-2007 Cable Television Laboratories, Inc.
        All rights reserved."
 ::= { pktcEUEDeviceMibs 1 }

-- Administrative assignments
pktcEDVANotification      OBJECT IDENTIFIER ::= { pktcEDVAMIB 0 }
pktcEDVAObjects          OBJECT IDENTIFIER ::= { pktcEDVAMIB 1 }
pktcEDVAConformance      OBJECT IDENTIFIER ::= { pktcEDVAMIB 2 }

pktcEDVACompliances      OBJECT IDENTIFIER ::= { pktcEDVAConformance 1 }
pktcEDVAGroups           OBJECT IDENTIFIER ::= { pktcEDVAConformance 2 }

-----
-- Profile OID
-----
pktcEDVAProfile          OBJECT IDENTIFIER ::= { pktcEDVAObjects 1 }

-----
-- eUE Profile Information
-----
pktcEDVAProfileVersion  OBJECT-TYPE
    SYNTAX      SnmpAdminString(SIZE(0..6))
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This MIB Object represents the E-DVA Profile Version for this
          MIB module. The eUE MUST set this MIB Object to a value of '1.0'."
    ::= { pktcEDVAProfile 1 }

-----
-- Pktc Line Number MIB Object
-----
pktcEDVALineNumberCount OBJECT-TYPE
    SYNTAX      Unsigned32
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        " This object MUST identify the number of physical, telephony
          endpoints on an E-DVA."
    REFERENCE  "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAObjects 2 }

-----
--
-- E-DVA Network Disconnect Signaling Event
-- Ref (PacketCable E-DVA Specification): Network Disconnect Signaling Event
-----
pktcEDVANetDiscProfile  OBJECT IDENTIFIER ::= { pktcEDVAObjects 3 }

-- The Network Disconnect Signaling Event Table
pktcEDVANetDiscTable    OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEDVANetDiscEntry
    MAX-ACCESS  not-accessible
    STATUS      current

```

```

DESCRIPTION
    " This data table represents the Network Disconnect time
      for each line provided by the E-DVA."
 ::= { pktcEDVANetDiscProfile 1 }

pktcEDVANetDiscEntry OBJECT-TYPE
    SYNTAX      PktcEDVANetDiscEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes the Network Disconnect
          Time for the associated line."
    INDEX      { ifIndex }
    ::= { pktcEDVANetDiscTable 1 }

PktcEDVANetDiscEntry ::=
    SEQUENCE {
        pktcEDVANetDisc      Integer32
    }

pktcEDVANetDisc OBJECT-TYPE
    SYNTAX      Integer32 (0..2000)
    UNITS       "milliseconds"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the time in milliseconds that the E-DVA
          must remove DC bias when a call has been cleared by the
          network.

          A value of zero (0) indicates that the E-DVA MUST NOT remove
          DC bias when a call disconnects. The E-DVA MUST implement
          this element per the E-DVA specification."
    REFERENCE  "PacketCable RST E-DVA Specification"
    DEFVAL     {1000}
    ::= { pktcEDVANetDiscEntry 1 }

-----
-- E-DVA Answer Supervision Event
-- Ref (PacketCable E-DVA Specification): Answer Supervision Event
-----
pktcEDVAAnsSupProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 4 }

-- The Answer Supervision Signal Event Table
pktcEDVAAnsSupTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEDVAAnsSupEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " This data table represents the Answer Supervision
          for each line provided by the E-DVA."
    ::= { pktcEDVAAnsSupProfile 1 }

pktcEDVAAnsSupEntry OBJECT-TYPE
    SYNTAX      PktcEDVAAnsSupEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " Each entry in this data table describes the Answer Supervision

```

```

        for the associated line."
INDEX { ifIndex }
 ::= { pktcEDVAAnsSupTable 1 }

PktcEDVAAnsSupEntry ::=
  SEQUENCE {
    pktcEDVAAnsSup          TruthValue
  }

pktcEDVAAnsSup OBJECT-TYPE
  SYNTAX      TruthValue
  MAX-ACCESS  read-write
  STATUS      current
  DESCRIPTION
    " This object specifies the Answer Supervision state.
    Answer Supervision (also called battery reversal, reverse DC bias,
    or Reverse Loop Current Feed) is signaled when the distant end
    answers a call originated by the CPE. Typically this signal is
    used to notify electronic equipment such as PBXs which have a local
    billing system that a call has been answered. When provisioned to do
    so, the E-DVA may reverse DC bias when a call has been answered.

    The default value for this object is 'false' indicating that
    Answer Supervision is disabled (off).
    The E-DVA MUST implement this element per the PacketCable
    Residential
    SIP Telephony E-DVA Specification."
  REFERENCE  "PacketCable RST E-DVA Specification"
  DEFVAL    {false}
  ::= { pktcEDVAAnsSupEntry 1 }

-----
-- E-DVA DTMF Relay Offer
-- Ref (PacketCable E-DVA Specification): DTMF Relay Offer
-----
pktcEDVADtmfProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 5 }

pktcEDVADtmfRelay OBJECT-TYPE
  SYNTAX      TruthValue
  MAX-ACCESS  read-write
  STATUS      current
  DESCRIPTION
    " This MIB Object represents the DTMF Relay status for the E-DVA.

    The E-DVA must support the use of DTMF for both dialed digits
    and for the relay of digits as part of an established session.
    When dialing the DTMF, signaling MUST be collected at the E-DVA.
    The digits are gathered according to the digit map and all digits
    are sent in a single message.

    If the value of this object is 'true' (on), the E-DVA must offer
    DTMF relay within SDP upon session origination.

    The E-DVA MUST implement this element per the PacketCable
    Residential
    SIP Telephony E-DVA Specification."
  REFERENCE  "PacketCable RST E-DVA Specification"
  DEFVAL    {true}
  ::= { pktcEDVADtmfProfile 1 }

```

```

-----
-- E-DVA EndPoint Configuration Profile
-- Ref (PacketCable E-DVA Specification)
-----
pktcEDVAEndPointCfgProfile OBJECT IDENTIFIER ::= { pktcEDVAProfile 5 }

pktcEDVAEndPntConfigTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PktcEDVAEndPntConfigEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This table describes configuration data pertaining
          for each end point (telephony line).
          The number of entries in this table represents the
          number of provisioned end points."
    ::= { pktcEDVAEndPointCfgProfile 1 }

pktcEDVAEndPntConfigEntry OBJECT-TYPE
    SYNTAX PktcEDVAEndPntConfigEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        " This Object represents the conceptual row in
          the pktcEDVAEndPntConfigTable.

          Each entry describes the configuration data for
          the associated line."
    INDEX { ifIndex }
    ::= { pktcEDVAEndPntConfigTable 1 }

PktcEDVAEndPntConfigEntry ::=
    SEQUENCE {
        pktcEDVAEndPntDtmfMinPayout Unsigned32,
        pktcEDVAEndPntHookState INTEGER,
        pktcEDVAEndPntFaxDetection TruthValue
    }

pktcEDVAEndPntDtmfMinPayout OBJECT-TYPE
    SYNTAX Unsigned32 (0 | 40..100)
    UNITS "milliseconds"
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION
        " This object defines the minimum playout time for
          the DTMF digit when IETF RFC 4734 DTMF Relay is used
          for the egress gateway.
          If the value set via this pktcEDVADtmfMinPayout
          object is different from that specified in RFC4734 packet,
          then the MTA MUST use the maximum of the two values.
          The value 0 indicates to use what is specified in
          RFC 4734

          For example:
          If the RFC 4734 packet specifies 23ms and if the object
          pktcEDVADtmfMinPayout is set to 40ms then
          the egress gateway must use a value of 40ms.
          Similarly if the RFC 4734 packet specifies
          60 ms and if the object pktcEDVADtmfMinPayout
          is set to 40ms then the egress gateway must use a
          value of 60ms."

```

```
DEFVAL {0}
 ::= { pktcEDVAEndPntConfigEntry 1}
```

pktcEDVAEndPntHookState OBJECT-TYPE

```
SYNTAX INTEGER {
    onHook (1),
    onHookWithActivity(2),
    offHook (3)
}
```

MAX-ACCESS read-only

STATUS current

DESCRIPTION

" This object indicates the state of an endpoint with respect to the hook state and, potentially, to the 'significant activities', which should not be interrupted by the network operations.

The E-DVA MUST consider the following activities as significant:

- tones generated by the end-point in response to an incoming SIP requests,
- loopback tests.

The E-DVA MUST set the value of this object according to the following:

- onHook(1): when endpoint is 'on hook' and there are no 'significant activities' going on on this endpoint;
- onHookWithActivity(2): when endpoint is 'on hook' and there is at least one of the 'significant activities' going on for this endpoint;
- offHook(3): when the endpoint is 'off hook'.

When this object indicates the value of the onHookWithActivity(2) or offHook(3), the Management Station has to refrain from initiation of network operations, that may interrupt the significant activities on the endpoints."

```
::= { pktcEDVAEndPntConfigEntry 2 }
```

pktcEDVAEndPntFaxDetection OBJECT-TYPE

SYNTAX TruthValue

MAX-ACCESS read-write

STATUS current

DESCRIPTION

" This MIB object is used to configure the distinctive fax calling tone (CNG) detection feature on an MTA endpoint with reference to the analog interface. When set to true, the MTA MUST enable the detection of CNG tones on the specific endpoint. When set to false, the MTA MUST disable the detection of CNG tones on the specific endpoint. If a connection already exists on the endpoint when this MIB Object is modified, then the setting needs to take effect on the next connection."

DEFVAL {false}

```
::= { pktcEDVAEndPntConfigEntry 3}
```

```

-- E-DVA Provisioned Loss Plan
-- Ref (PacketCable E-DVA Specification): Provisioned Loss Plan
-----
pktcEDVAPrLossProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 6 }

-- The Provisioned Loss Plan Table
pktcEDVAPrLossTable OBJECT-TYPE
    SYNTAX      SEQUENCE OF PktcEDVAPrLossEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The DVA supports two provisioned loss parameters, one for
          the D/A direction (towards the subscriber) and one for A/D
          direction (from the subscriber) direction. This data table
          represents the loss for each line provided by the E-DVA."
    ::= { pktcEDVAPrLossProfile 1 }

pktcEDVAPrLossEntry OBJECT-TYPE
    SYNTAX      PktcEDVAPrLossEntry
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        " The DVA supports two provisioned loss parameters, one for
          the D/A direction (towards the subscriber) and one for A/D
          direction (from the subscriber) direction. This data table
          represents the loss for each line provided by the E-DVA.

          Each entry in this data table describes the loss
          for the associated line."
    INDEX      { ifIndex }
    ::= { pktcEDVAPrLossTable 1 }

PktcEDVAPrLossEntry ::=
    SEQUENCE {
        pktcEDVAPrLossDA      Integer32,
        pktcEDVAPrLossAD      Integer32
    }

pktcEDVAPrLossDA OBJECT-TYPE
    SYNTAX      Integer32 (0..12)
    UNITS       "dB"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This object specifies the provisioned loss parameter
          for the D/A direction (towards the subscriber) in dB.

          The E-DVA MUST implement this element per the PacketCable
          Residential
          SIP Telephony E-DVA Specification."
    REFERENCE  "PacketCable RST E-DVA Specification"
    DEFVAL     {6}
    ::= { pktcEDVAPrLossEntry 1 }

pktcEDVAPrLossAD OBJECT-TYPE
    SYNTAX      Integer32 (0..12)
    UNITS       "dB"
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION

```

" This object specifies the provisioned loss parameter for the A/D direction (from the subscriber)in dB.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."
 REFERENCE "PacketCable RST E-DVA Specification"
 DEFVAL {6}
 ::= { pktcEDVAPrLossEntry 2 }

 -- MWI Signal Types
 -- Ref (PacketCable E-DVA Specification): MWI Signal Types

pktcEDVAMWISignalTypes OBJECT IDENTIFIER ::= { pktcEDVAObjects 8 }

pktcEDVAMWIToneInd OBJECT-TYPE
 SYNTAX TruthValue
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 " This is the MWI Tone Indicator.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."
 REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVAMWISignalTypes 1 }

pktcEDVAMWIAncInd OBJECT-TYPE
 SYNTAX TruthValue
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 " This is the MWI Voice Announcement Indication.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."
 REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVAMWISignalTypes 2 }

pktcEDVAMWIFSKInd OBJECT-TYPE
 SYNTAX TruthValue
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION
 " This is the MWI FSK Indication.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."
 REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVAMWISignalTypes 3 }

pktcEDVAMWIDTMFInd OBJECT-TYPE
 SYNTAX TruthValue
 MAX-ACCESS read-write
 STATUS current
 DESCRIPTION

```

    " This is the MWI DTMF Indication.
    The E-DVA MUST implement this element per the PacketCable
Residential
    SIP Telephony E-DVA Specification."
REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVAMWISignalTypes 4 }

-----
-- E-DVA CODEC Provisioning
-- Ref (PacketCable E-DVA Specification): E-DVA CODEC Provisioning
-----
pktcEDVACodecProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 9 }

pktcEDVACodecG711Pkt OBJECT-TYPE
SYNTAX      Integer32 (10 | 20 | 30)
UNITS       "milliseconds"
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
    " This object specifies the packetization period of a
      G.711 payload.

    The E-DVA MUST implement this element per the PacketCable
Residential
    SIP Telephony E-DVA Specification."
REFERENCE "PacketCable RST E-DVA Specification"
DEFVAL     {20}
 ::= { pktcEDVACodecProfile 1 }

pktcEDVACodecT38 OBJECT-TYPE
SYNTAX      TruthValue
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
    " This object specifies whether fax relay is enabled/disabled.
      A value of 'true' (ON) enables fax relay on the E-DVA.

    The E-DVA MUST implement this element per the PacketCable
Residential

    SIP Telephony E-DVA Specification."
REFERENCE "PacketCable RST E-DVA Specification"
DEFVAL     {true}
 ::= { pktcEDVACodecProfile 2 }

pktcEDVACodecV152 OBJECT-TYPE
SYNTAX      TruthValue
MAX-ACCESS  read-write
STATUS      current
DESCRIPTION
    " This object specifies whether modem relay is enabled/disable.
      A value of 'true' (ON) enables modem relay on the E-DVA.

    The E-DVA MUST implement this element per the PacketCable
Residential
    SIP Telephony E-DVA Specification."
REFERENCE "PacketCable RST E-DVA Specification"
DEFVAL     {true}
 ::= { pktcEDVACodecProfile 3 }

```

pktcEDVACodecPubRepAddrType OBJECT-TYPE

SYNTAX InetAddressType
 MAX-ACCESS read-write
 STATUS current

DESCRIPTION

" This object specifies the domain for the address specified in pktcEDVACodecPubRepAddr. If the element pktcEDVACodecPubRepAddr contains a valid IP address, this element MUST be either 'ipv4(1)' or 'ipv6(2)' per RFC3291. "

REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVACodecProfile 4 }

pktcEDVACodecPubRepAddr OBJECT-TYPE

SYNTAX InetAddress
 MAX-ACCESS read-write
 STATUS current

DESCRIPTION

" This object specifies the network address that receives the call statistics report from the E-DVA. Publish reports must be sent at the end of each call if enabled.

This address is associated with the domain specified in pktcEDVACodecPubRepAddrType.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."

REFERENCE "PacketCable RST E-DVA Specification"
 ::= { pktcEDVACodecProfile 5 }

pktcEDVACodecRTCPXR OBJECT-TYPE

SYNTAX TruthValue
 MAX-ACCESS read-write
 STATUS current

DESCRIPTION

" This object specifies if extended reports for the sake of voice metrics are included within RTCP packets. A value of 'true' (ON) enables RTCP extended reports.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."

REFERENCE "PacketCable RST E-DVA Specification"
 DEFVAL {true}
 ::= { pktcEDVACodecProfile 6 }

pktcEDVACodecRTCPRate OBJECT-TYPE

SYNTAX Integer32 (0..60)
 UNITS "seconds"
 MAX-ACCESS read-write
 STATUS current

DESCRIPTION

" This object specifies the interval at which RTCP packets are sent from the E-DVA. A value of zero for RTCP_RATE disables RTCP transmission.

The E-DVA MUST implement this element per the PacketCable Residential

SIP Telephony E-DVA Specification."

```

REFERENCE "PacketCable RST E-DVA Specification"
DEFVAL {5}
 ::= { pktcEDVACodecProfile 7 }

-----
--
-- Announcement Types
-----
--
pktcEDVAAnnounceProfile OBJECT IDENTIFIER ::= { pktcEDVAObjects 10 }

pktcEDVAToneIdentifier OBJECT-TYPE
    SYNTAX      OCTET STRING
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the tone identifier for an E-DVA."
    REFERENCE  "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAAnnounceProfile 1 }

pktcEDVAAudioAnnounceId OBJECT-TYPE
    SYNTAX      OCTET STRING
    MAX-ACCESS  read-write
    STATUS      current
    DESCRIPTION
        " This MIB Object specifies the audio announcement identifier
          for an E-DVA."
    REFERENCE  "PacketCable RST E-DVA Specification"
    ::= { pktcEDVAAnnounceProfile 2 }

-----
-- Conformance Information
-----

-- Compliance Statements
pktcEDVACompliance MODULE-COMPLIANCE
    STATUS      current
    DESCRIPTION
        "The compliance statement for implementations of the EDVA MIB."

    MODULE     -- This module
        MANDATORY-GROUPS {
            pktcEDVAProfileGroup,
            pktcEDVAGroup
        }

    MODULE     PKTC-EN-SIG-MIB -- Group of the MIB Objects from PC1.5 MIB
Module
        MANDATORY-GROUPS {
            pktcEnNcsLVMgmtGroup,
            pktcEnNcsGroup
        }

OBJECT      pktcEnNcsEndPntQuarantineState
MIN-ACCESS  not-accessible
DESCRIPTION
    " Object not applicable for the eUE."

```

```
OBJECT pktcEnNcsEndPntHookState
MIN-ACCESS not-accessible
DESCRIPTION
    " Object not applicable for the eUE."
```

```
OBJECT pktcEnNcsEndPntFaxDetection
MIN-ACCESS not-accessible
DESCRIPTION
    " Object not applicable for the eUE."
```

```
::= { pktcEDVACompliances 1 }
```

```
pktcEDVAProfileGroup OBJECT-GROUP
OBJECTS {
    pktcEDVAProfileVersion
}
STATUS current
DESCRIPTION
    "The eUE RST Profile Group."
::= { pktcEDVAGroups 1 }
```

```
pktcEDVAGroup OBJECT-GROUP
OBJECTS {
    pktcEDVALineNumberCount,
    pktcEDVANetDisc,
    pktcEDVAAnsSup,
    pktcEDVADtmfRelay,
    pktcEDVAPrLossDA,
    pktcEDVAPrLossAD,
    pktcEDVAMWIToneInd,
    pktcEDVAMWIAncInd,
    pktcEDVAMWIFSKInd,
    pktcEDVAMWIDTMFInd,
    pktcEDVACodecG711Pkt,
    pktcEDVACodecT38,
    pktcEDVACodecV152,
    pktcEDVACodecPubRepAddrType,
    pktcEDVACodecPubRepAddr,
    pktcEDVACodecRTCPXR,
    pktcEDVACodecRTCPRate,
    pktcEDVAToneIdentifier,
    pktcEDVAAudioAnnounceId,
    pktcEDVAEndPntDtmfMinPlayOut,
    pktcEDVAEndPntHookState,
    pktcEDVAEndPntFaxDetection
}
STATUS current
DESCRIPTION
    "The E-DVA Group."
::= { pktcEDVAGroups 2 }
```

```
END
```

Appendix I Acknowledgements

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Eduardo Cardona and the PacketCable Architects, CableLabs, Inc.

Appendix II Revision History

The following Engineering Change Notices were incorporated into PKT-SP-RST-EUE-PROV-I02-080710.

ECN	Date Accepted	Summary
RST-EUE-PROV-N-08.0506-5	5/27/2008	Updates to the EUE-EDVA MIB
RST-EUE-PROV-N-08.0525-5	5/27/2008	RST EUE MIB Alignment with PacketCable 1.5

