

Data Group

The data group contains the objects that enable you to set up groups and define the rules that determine how your switch functions.

The data group consists of the following:

- Resource Group Table
- Inpulse Rule Table
- Outpulse Rule table
- Non-Facility Associated Signaling (NFAS)
- Answer Supervision Templates
- Routing Table Group
- Exception Routing
- Route Table

Resource Group Table

Use the resource group table to organize and allocate system resources. This includes setting parameters to determine how the ports assigned to the group function. You must first establish resource groups before you assign ports. Then, assign the ports to the resource group with objects in the port tables. The input to the port table object is the number of the resource group.

resGroupTable

{ data 1 }

Description

Resource group table.

Object Identifier

1.3.6.1.4.1.886.1.9.1

Data Type

Sequence of ResGroupEntry

Access Policy

Not accessible

Status

Mandatory

resGroupEntry

{resGroupTable 1}

Description

An object in the resGroupTable.

Data Type

ResGroupEntry

Object Identifier

1.3.6.1.4.1.886.1.9.1.1

Access Policy

Not accessible

Status

Mandatory

Index

{resGroupIndex}

ResGroupEntry

Sequence

resGroupIndex	Integer
resGroupName	DisplayString
resGroupHuntType	Integer
resGroupPortCnt	Integer
resGroupRhuntThres	Integer
resGroupBusyThres	Integer
resGroupErrorStatus	Integer
resGroupOwnerString	OwnerString
resGroupEntryStatus	EntryStatus

resGroupIndex

{resGroupEntry 1}

Description

Indicates the number of the resource group.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.1

Data Type

Integer. Possible values range from 1 to 63 for 2K mode, and 1 to 224 for 4K mode.

Access Policy

Read only

Status

Mandatory

resGroupName

{resGroupEntry 2}

Description

Indicates the name of the resource group.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.2

Data Type

DisplayString. The field accepts up to 8 upper- and lowercase alphanumeric characters

Access Policy

Read-write

Status

Mandatory

resGroupHuntType

{resGroupEntry 3}

Description

Determines the way in which the system selects resources for use from this group.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.3

Data Type

Integer. The valid numerical and string values are shown in the following table:

Value	String	Meaning
0	none	Not set.
1	rotary	Hunt always begins with position 1.
2	cyclic	Initial hunt (after power-up/reboot) begins with position 1. Subsequent hunts begin with position following last successfully allocated resource.

Access Policy

Read-write

Status

Mandatory

resGroupPortCnt

{resGroupEntry 4}

Description

Indicates the number of circuits currently in the resource group. This number is updated when you make changes to this resource group through the resGroup objects in the port tables.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.4

Data Type

Integer. The valid value are from 0 to 999 for 2K mode, or 0 to 1920 for 4K mode.

Access Policy

Read only

Status

Mandatory

resGroupRhuntThres

{resGroupEntry 5}

Description

Auto Retry (rehunt) is available for outgoing ports only (COS = 0 or AO; also COS = 2) and is currently used as outgoing in a call.

This object indicates the number of times for each call the switch hunts this group for a new outgoing port if an outgoing supervision error is encountered.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.5

Data Type

Integer. Possible values range from 0 to 5. A value of zero (0) disables this feature for the group.

Access Policy

Read-write

Status

Mandatory

resGroupBusyThres

{resGroupEntry 6}

Description

Auto Makebusy is available for outgoing ports only (COS = 0 or AO; also COS = 2) and is currently used as outgoing in a call.

This object indicates the number of times the switch can detect a supervision error for a port in this group before the switch takes that port out of service (makebusy).

The error count is cleared at midnight.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.6

Data Type

Integer. Possible values range from 0 to 255. A value of zero (0) disables this feature for the group.

Access Policy

Read-write

Status

Mandatory

resGroupErrorStatus

{resGroupEntry 7}

Description

Registers the last error that occurred in this resource group.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.7

Data Type

Integer. The possible values and their meanings are shown in the following table:

Value	String
513	resourceGroupAlreadyExists
514	resourceGroupIsNotEmpty
515	invalidHuntType
516	exceededMaxNumOfPorts
517	invalidPosition
518	invalidPortType

Value	String
519	portIsAlreadyInAGroup
520	portAndResourceGroupTypeAreDifferent
521	conferencePortCannotPutInNonconferenceGroup
522	mfrfcPortCannotBePutInNonMfrfcGroup
523	mfrfc2PortCannotBePutInNonMfrfc2Group
524	dtmfPortCannotBePutInNonDtmfGroup
525	srcPortCannotBePutInNonSrcGroup
526	cpaPortCannotBePutInNonCpaGroup
527	announcementPortCannotBePutInNonAnnouncementGroup
528	resourceGroupIsAlreadyEmpty
529	invalidValue
530	cannotGroupIsdnAndNonIsdnPorts

Access Policy

Read only

Status

Mandatory

resGroupOwnerString

{resGroupEntry 8}

Description

The entity that configured this object and is therefore using the assigned resources.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.8

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

resGroupEntryStatus

{resGroupEntry 9}

Description

The status of this resource group object.

Object Identifier

1.3.6.1.4.1.886.1.9.1.1.9

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

resGroupTableLast Modified

{ data 2 }

Description

The time, displayed in hundredths of a second, since the resource group table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.2

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

Resource Group Port Table

The resource group port table shows the association between the resource groups and the ports assigned to a particular resource group.

resGroupPortTable

{ data 4 }

Description

A table representing the association between the resource groups and the ports assigned to a particular resource group.

Data Type

Sequence of ResGroupPortEntry

Object Identifier

1.3.6.1.4.1.886.1.9.4

Access Policy

Not accessible

Status

Mandatory

resGroupPortEntry

{resGroupPortTable 1}

Description

An entry in the resGroupPortTable.

Object Identifier

1.3.6.1.4.1.886.1.9.4.1

Data Type

ResGroupPortEntry

Access Policy

Not accessible

Status

Mandatory

Index

{resGroupIndex, resGroupPortPosition}

ResGroupPortEntry

Sequence

resGroupPortPosition Integer

resGroupCardIndex Integer

resGroupSpanNum Integer

resGroupPortNum Integer

resGroupPortPosition

{resGroupPortEntry 1}

Description

Specifies the order in which ports are assigned to a resource group. This is the secondary index to the resGroupPortTable.

Object Identifier

1.3.6.1.4.1.886.1.9.4.1.1

Data Type

Integer

Access Policy

Read only

Status

Mandatory

resGroupCardIndex

{resGroupPortEntry 2}

Description

Corresponds to the physical location of the card to which the port belongs.

Object Identifier

1.3.6.1.4.1.886.1.9.4.1.2

Data Type

CardIndex

Access Policy

Read only

Status

Mandatory

resGroupSpanNum

{resGroupPortEntry 3}

Description

Specifies the span number to which the port belongs.

Object Identifier

1.3.6.1.4.1.886.1.9.4.1.3

Data Type

Integer

Access Policy

Read only

Status

Mandatory

resGroupPortNum

{resGroupPortEntry 4}

Description

Specifies which port is assigned to the resource group.

Object Identifier

1.3.6.1.4.1.886.1.9.4.1.4

Data Type

Integer

Access Policy

Read only

Status

Mandatory

Inpulse Rule Table

Use the inpulse rules table to define the inpulse rules in call processing. For more information on inpulse rules and how to configure them, refer to the *Cisco VCO/4K Extended Programming Reference* or *Cisco VCO/4K Standard Programming Reference*.

inpulseRuleTable

{data 5}

Description

A list of inpulse rules.

Object Identifier

1.3.6.1.4.1.886.1.9.5

Data Type

Sequence of InpulseRuleEntry

Access Policy

Not accessible

Status

Mandatory

inpulseRuleEntry

{inpulseRuleTable 1}

Description

A combination of the tokens and arguments that make up a single inpulse rule.

Object Identifier

1.3.6.1.4.1.886.1.9.5.1

Data Type

InpulseRuleEntry

Access Policy

Not accessible

Status

Mandatory

Index

{impulseRuleIndex}

ImpulseRuleEntry

Sequence

impulseRuleIndex	Integer
impulseRuleErrorStatus	Integer
impulseRuleOwnerString	OwnerString
impulseRuleEntryStatus	EntryStatus

impulseRuleIndex

{impulseRuleEntry 1}

Description

Identifies the impulse rule. Users specify impulse rules by entering a number at the control console as the default in the Line and Trunk Card Configuration screens, or as a programming command.

Object Identifier

1.3.6.1.4.1.886.1.9.5.1.1

Data Type

Integer. Valid impulse rule numbers are from 1 to 30 for 2K mode, or 1 to 255 for 4K mode.

Access Policy

Read only

Status

Mandatory

impulseRuleErrorStatus

{impulseRuleEntry 2}

Description

Registers the last error that occurred in this impulse rule table.

Object Identifier

1.3.6.1.4.1.886.1.9.5.1.2

Data Type

Integer. The possible values and their meanings are shown in the following table:

Value	String
1280	inpulseRuleAlreadyExists
1281	inpulseRuleIsEmpty
1282	invalidPosition
1283	exceededNumOfInstructions
1284	illegalTokenValue
1285	illegalArg

Access Policy

Read only

Status

Mandatory

inpulseRuleOwnerString

{inpulseRuleEntry 3}

Description

The entity that configured this entry and is therefore using the inpulse rule assigned to it.

Object Identifier

1.3.6.1.4.1.886.1.9.5.1.3

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

inpulseRuleEntryStatus

{inpulseRuleEntry 4}

Description

The status of the inpulse rule entry. This object also determines whether you can modify the corresponding entries in the inpulseRuleInstructionTable.

Object Identifier

1.3.6.1.4.1.886.1.9.5.1.4

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

Inpulse Rule Instruction Table

The impulse rule instruction table shows the association between the impulse rule table and the instructions assigned to a particular rule. You can define up to 16 instructions, comprising tokens for a single rule. Use the rules to condition a line or trunk to wait for supervision events, collect MF/DTMF digits, and store received digits in an internal system call record.

impulseRuleInstructionTable

{data 6}

Description

A matrix of impulse rule instructions.

Object Identifier

1.3.6.1.4.1.886.1.9.6

Data Type

Sequence of ImpulseRuleInstructionEntry

Access Policy

Not accessible

Status

Mandatory

impulseRuleInstructionEntry

{impulseRuleInstructionTable 1}

Description

An impulse rule instruction—a combination of a token and an argument that constitutes a single impulse rule instruction.

Object Identifier

1.3.6.1.4.1.886.1.9.6.1

Data Type

ImpulseRuleInstructionEntry

Access Policy

Not accessible

Status

Mandatory

Index

{impulseRuleIndex, impulseRuleInstructionIndex}

InpulseRuleInstructionEntry

Sequence

inpulseRuleInstructionIndex	Integer
inpulseRuleToken	Integer
inpulseRuleArg	Integer

inpulseRuleInstructionIndex

{inpulseRuleInstructionEntry 1}

Description

Identifies the instruction in an inpulse rule. An inpulse rule is made up of 1 to 16 instructions.

Object Identifier

1.3.6.1.4.1.886.1.9.6.1.1

Data Type

Integer. The possible values are from 1 to 16.

Access Policy

Read only

Status

Mandatory

inpulseRuleToken

{inpulseRuleInstructionEntry 2}

Description

The operator token in an inpulse rule instruction.

Object Identifier

1.3.6.1.4.1.886.1.9.6.1.2

Data Type

Integer. The integer can be any one of the following values. For further information, refer to the *Cisco VCO/4K Extended Programming Reference*.

Value	Token Name
0	illegal
1	repEnd
2	repEach
3	repNext
4	noRep

Value	Token Name
5	dtmf
6	dtmf4
7	mf
8	mfc2
9	ipAni
10	ipField
11	digits
12	endChar1
13	endChar2
14	clrChar1
15	clrChar2
16	winkEnab
17	toneEnab
18	toneClr
19	toneEnd
20	toneFdig
21	timField
22	timFdig
23	timInter
24	route
25	winkNow
26	answer
27	toneNow
28	speak
29	record
30	library
31	maxRec
32	stopVoic
33	loopLast
34	loopAll
35	release
36	retain
37	waitTime
38	isdnRx
39	isdnTx
40	gotoRule
41	doRule

Value	Token Name
42	doOrule
43	contRep
44	contNrep
45	glare
46	noHost
47	ipCat2
48	apendAni
49	apendFld

Access Policy

Read-write

Status

Mandatory

inpulseRuleArg

{inpulseRuleInstructionEntry 3}

Description

The additional data field, the notation [xx] indicates that additional data entry is required. Refer to the *Cisco VCO/4K Extended Programming Reference* for inpulse rule field descriptions.

Object Identifier

1.3.6.1.4.1.886.1.9.6.1.3

Data Type

Integer. The possible values, token name, and description of the additional data field is shown in the following table:

Value	Token Name	Token Argument
0	illegal	Not Applicable
1	repEnd	Not Applicable
2	repEach	Not Applicable
3	repNext	Not Applicable
4	noRep	Not Applicable
5	dtmf	Not Applicable
6	dtmf4	Not Applicable
7	mf	Not Applicable
8	mfc2	Not Applicable
9	ipAni	1 to 40
10	ipField	1 to 4

Value	Token Name	Token Argument
11	digits	1 to 40
12	endChar1	1 digit – 0 to 9 (0 to 15 for MFCR2), A-F (when 4th column DTMF is enabled), *, #
13	endChar2	2 digits – 0 to 9 (0 to 15 for MFCR2), A-F (when 4th column DTMF is enabled), *, #
14	clrChar1	1 digit – 0 to 9 (0 to 15 for MFCR2), A-F (when 4th column DTMF is enabled), *, #
15	clrChar2	2 digits – 0 to 9 (0 to 15 for MFCR2), A-F (when 4th column DTMF is enabled), *, #
16	winkEnab	Not Applicable
17	toneEnab	0 to 63
18	toneClr	0 to 63
19	toneEnd	0 to 63
20	toneFdig	0 to 63
21	timField	1 to 60
22	timFdig	1 to 30
23	timInter	1 to 10
24	route	1 to 10 (where 1 = A and 10 = J) Ex: Route A =17(10) 0x11
25	winkNow	Not Applicable
26	answer	Not Applicable
27	toneNow	0 to 63
28	speak	1 to 255
29	record	1 to 255
30	library	1 to 16, and 255 (255 = TMP)
31	maxRec	1 to 255
32	stopVoic	Not Applicable
33	loopLast	Not Applicable
34	loopAll	Not Applicable
35	release	IPR=16, MRC=5, DRC=4, DTG=7, CPA=22
36	retain	16 (IPRC)
37	waitTime	1 to 10
38	isdnRx	1 to 96
39	isdnTx	1 to 96
40	gotoRule	1 to 255 (rule to be executed)
41	doIrule	1 to 255 (rule to be executed)
42	doOrule	1 to 255 (rule to be executed)
43	contRep	Not Applicable

Value	Token Name	Token Argument
44	contNrep	Not Applicable
45	glare	1 to 255 (rule to be executed)
46	noHost	1 to 255 (rule to be executed)
47	ipCat2	Not Applicable
48	apendAni	1 to 40
49	apendFld	1 to 4

Access Policy

Read-write

Status

Optional

inpulseRuleTableLast Modified

{ data 7 }

Description

The time, displayed in hundredths of a second, since the inpulse rule table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.7

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

Output Rule Table

The output rule table is used to define the output rules for use in call processing. For more information on output rules and how to configure them, refer to the *Cisco VCO/4K Extended Programming Reference* or *Cisco VCO/4K Standard Programming Reference*.

outputRuleTable

{ data 9 }

Description

A list of output rules. An inpulse rule instruction DO ORULE (XX) acts as an entry point to this table, where (XX) is the outputRuleIndex in the outputRuleTable.

Object Identifier

1.3.6.1.4.1.886.1.9.9

Data Type

Sequence of OutputRuleEntry

Access Policy

Not accessible

Status

Mandatory

outputRuleEntry

{outputRuleTable 1}

Description

Indicates a single output rule.

Object Identifier

1.3.6.1.4.1.886.1.9.9.1

Data Type

OutputRuleEntry

Access Policy

Not accessible

Status

Mandatory

Index

{outputRuleIndex }

OutputRuleEntry

Sequence

outputRuleIndex	Integer
outputRuleErrorStatus	Integer
outputRuleOwnerString	OwnerString
outputRuleEntryStatus	EntryStatus

outputRuleIndex

{outputRuleEntry 1}

Description

Identifies the output rule entry.

Object Identifier

1.3.6.1.4.1.886.1.9.9.1.1

Data Type

Integer. Valid output rule numbers are from 1 to 30 for 2K mode, or 1 to 255 for 4K mode.

Access Policy

Read only

Status

Mandatory

outputRuleErrorStatus

{outputRuleEntry 2}

Description

Registers the last error that occurred in this outputRule table.

Object Identifier

1.3.6.1.4.1.886.1.9.9.1.2

Data Type

Integer. The possible values and their meanings are shown in the following table:

Value	String
1024	outputRuleAlreadyExists
1025	outputRuleIsEmpty
1026	invalidPosition
1027	exceededMaxNumberOfInstructions
1028	illegalTokenValue
1029	illegalArg

Access Policy

Read only

Status

Mandatory

outputRuleOwnerString

{outputRuleEntry 3}

Description

The entity that configured this object and is therefore using the assigned output rule.

Object Identifier

1.3.6.1.4.1.886.1.9.9.1.3

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

outpulseRuleEntryStatus

{ outpulseRuleEntry 4 }

Description

The status of the outpulse rule entry. This object also determines whether you can modify the corresponding table entries in the outpulseRuleInstructionTable.

Object Identifier

1.3.6.1.4.1.886.1.9.9.1.4

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

Outpulse Rule Instruction Table

The outpulse rule instruction table shows the association between the outpulse rule table and the instructions assigned to a particular rule. You can define up to 16 instructions, comprising tokens for a single rule. Use the rules to condition a line or trunk to wait for supervision events, collect MF/DTMF digits, and store received digits in an internal system call record.

outpulseRuleInstructionTable

{ data 10 }

Description

A matrix of outpulse rule instructions.

Object Identifier

1.3.6.1.4.1.886.1.9.10

Data Type

Sequence of OutpulseRuleInstructionEntry

Access Policy

Not accessible

Status

Mandatory

outputRuleInstructionEntry

{outputRuleInstructionTable 1}

Description

An entry containing a single output rule instruction.

Object Identifier

1.3.6.1.4.1.886.1.9.10.1

Data Type

OutputRuleInstructionEntry

Access Policy

Not accessible

Status

Mandatory

Index

{outputRuleIndex, outputRuleInstructionIndex}

OutputRuleInstructionEntry

Sequence

outputRuleInstructionIndex Integer

outputRuleToken Integer

outputRuleArg Integer

outputRuleInstructionIndex

{outputRuleInstructionEntry 1}

Description

Identifies the instruction in an output rule.

Object Identifier

1.3.6.1.4.1.886.1.9.10.1.1

Data Type

Integer. Up to 16 tokens make an output rule.

Access Policy

Read only

Status

Mandatory

outpulseRuleToken

{outpulseRuleInstructionEntry 2}

Description

The operator token is an outpulse rule instruction.

Object Identifier

1.3.6.1.4.1.886.1.9.10.1.2

Data TypeInteger. The integer can be any one of the following values. For further information, refer to the *Cisco VCO/4K Extended Programming Reference*.

Value	Meaning
0	illegal
1	repEnd
2	repNext
3	opDtmf
4	opMf
5	opMfcr2
6	opPulse
7	opAni
8	opField
9	opDigit
10	opTone
11	opCat
12	waitSup
13	finalSup
14	timeSup
15	seize
16	waitTime
17	retain
18	release
19	isdnRx
20	isdnTx
21	isdnSup
22	gotoRule
23	doRule

Value	Meaning
24	doOrule
25	noHost
26	opCat2
27	ansSup

Access Policy

Read-write

Status

Mandatory

outputRuleArg

{outputRuleinstructionEntry 3}

Description

The additional data object. The notation [xx] indicates that additional data entry is required. For example, the additional data field value depends on the value of the InpulseRuleToken field.

Object Identifier

1.3.6.1.4.1.886.1.9.10.1.3

Data Type

Integer. The possible values, token name, and description of the additional data field is shown in the following table:

Token Name	Meaning
illegal	Not applicable
repEnd	Not applicable
repEach	Not applicable
repNext	Not applicable
noRep	Not applicable
opDtmf	Not applicable
opMf	Not applicable
opMfcr2	Not applicable
opPulse	Not applicable
opAni	Not applicable
opField	1 to 4
opDigit	1 digit – DTMF mode: 0 to 9, *, #, A-F (*, E and #, F are interchangeable MF mode: 0 to 9, KP, ST, S1, S2, S3 Tone mode: 0 to 8
opTone	Not applicable

Token Name	Meaning
opCat	0 to 15
waitSup	1 to 24, A(25) or W(26)
finalSup	1 to 24, A(25) or W(26)
timeSup	1 to 60
seize	Not applicable
waitTime	1 to 10
retain	16 (IPR)
release	IPR=16, MRC=5, DRC=4, DTG=7, CPA=22
isdnRx	1 to 96
isdnTx	1 to 96
isdnSup	1 to 24
gotoRule	1 to 255 (the rule to be executed)
gotoRule	1 to 255 (the rule to be executed)
doOrule	1 to 255 (the rule to be executed)
noHost	1 to 255 (the rule to be executed)
opCat2	Not applicable
ansSup	1 to 24

Access Policy

Read-write

Status

Optional

outpulseRuleTableLastModified

{data 11}

Description

The time, displayed in hundredths of a second, since the outpulse rule table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.11

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

Non-Facility Associated Signaling (NFAS)

Standard ISDN PRI consists of 23 B+D channels, where a single signaling channel (D-channel) controls the remaining 23 bearer channels (B-channels) on the interface. In system terms, this means that Ports 1 through 23 on the PRIN/N card (B-channel) are controlled by Port 24 (D-channel). The NFAS option extends D-channel control to B-channels not resident on the same interface. This enables a single D-channel to control up to 20 interfaces (a maximum of 479 B-channels).

An NFAS group is a listing of all PRI/N and/or T1 cards for which a specified D-channel receives call control messages.

nfasGroupTable

{ data 13 }

Description

A table that lists all PRI/N and/or T1 cards for which a specified D-channel receives call control messages.

Object Identifier

1.3.6.1.4.1.886.1.9.13

Data Type

Sequence of NfasGroupEntry

Access Policy

Not accessible

Status

Mandatory

nfasGroupEntry

{ nfasGroupTable 1 }

Description

An object representing an NFAS group.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1

Data Type

NfasGroupEntry

Access Policy

Not accessible

Status

Mandatory

Index

{ nfasGroupIndex }

NfasGroupEntry

Sequence

nfasGroupIndex	Integer
nfasGroupName	DisplayString
nfasGroupPriDChannelCardIndex	CardIndex
nfasGroupPriDChannelState	Integer
nfasGroupBkupDChannelCardIndex	CardIndex
nfasGroupBkupDChannelState	Integer
nfasGroupCmd	Integer
nfasGroupErrorStatus	Integer
nfasGroupOwnerString	OwnerString
nfasGroupEntryStatus	EntryStatus

nfasGroupIndex

{nfasGroupEntry 1}

Description

Indicates the number of the NFAS group.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.1

Data Type

Integer. Possible values for this field are from 1 to 37.

Access Policy

Read only

Status

Mandatory

nfasGroupName

{nfasGroupEntry 2}

Description

Indicates the name assigned to the NFAS group.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.2

Data Type

DisplayString. Length of the display string is from 1 to 8 characters.

Access Policy

Read-write

Status

Mandatory

nfasGroupPriDChannelCardIndex

{nfasGroupEntry 3}

Description

Indicates the physical location (hardware address) of the card that contains the D-channel designated as the primary control channel for this NFAS group. The index object lists the rack (R), level (L), and slot (S) where the card resides.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.3

Data Type

CardIndex

Access Policy

Read-write

Status

Mandatory

nfasGroupPriDChannelState

{nfasGroupEntry 4}

Description

Indicates the current state of the primary D-channel. With the exception of the MOOS (Manual Out-of-Service) state, link signaling between the system and the network interface controls the state transitions.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.4

Data Type

Integer. The valid numerical and string values for this field are shown in the following table:

Value	String	Meaning
1	is	In Service
2	stby	Standby
3	mb	Maintenance Bust
4	wait	Wait

Value	String	Meaning
5	moos	Manual Out-of-Service
6	oos	Out-of-Service

Access Policy

Read only

Status

Mandatory

nfasGroupBkupDChannelCardIndex

{nfasGroupEntry 5}

Description

Indicates the physical location (hardware address) of the card that contains the D-channel designated as the primary control channel for this NFAS group. The index object lists the rack (R), level (L), and slot (S) where the card resides.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.5

Data Type

CardIndex

Access Policy

Read-write

Status

Mandatory

nfasGroupBkupDChannelState

{nfasGroupEntry 6}

Description

Indicates the current state of the backup D-channel. With the exception of the MOOS (Manual Out-of-Service) state, link signaling between the system and the network interface controls the state transitions.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.6

Data Type

Integer. The valid numerical and string values are shown in the following table:

Value	String	Meaning
1	is	In Service
2	stby	Standby

Value	String	Meaning
3	mb	Maintenance Bust
4	wait	Wait
5	moos	Manual Out-of-Service
6	oos	Out-of-Service

Access Policy

Read-write

Status

Mandatory

nfasGroupCmd

{nfasGroupEntry 7}

Description

Use this object to change the state of the backup D-channel with one of three commands. Use the `nfasGroupCmd` to perform the following tasks:

- Manually switch between the primary and backup D-channels.
- To place the primary and the backup D-channel in and out of the MOOS (Manual Out-Of-Service) state.

**Note**

This command is effective as soon as you set this object. You can set the command object only if this is the only attribute that you have changed since you placed the status of the object in `underModification` mode.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.7

Data Type

Integer. The valid numerical and string values are shown in the following table:

Value	String	Meaning
1	none	No change.
2	moos	Places the D-channel currently in STBY state into Manual Out-of-Service state, regardless of its current state. The D-channel remains in MOOS state until you enter an activate command.
3	activate	Enables you to change the D-channel from MOOS to OOS state.
4	switch	Causes a manual D-channel switchover. The standby D-channel becomes active (IS) and assumes control of the NFAS group. This command is valid only when you specify a backup D-channel for the group. The standby D-channel must be in STBY state for the switchover to take place.

Access Policy

Read-write

Status

Mandatory

nfasGroupErrorStatus

{nfasGroupEntry 8}

Description

Registers the last error that occurred in this NFAS group table.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.8

Data Type

Integer. The possible values and their meanings are shown in the following table:

Value	String
769	interfaceCardMustbeT1orPRI-N
770	priCardMustHaveNfasDesignation
771	invalidConfigurationNumber
772	beginningofNfasConfigurationTable
773	endofNfasConfigurationTable
774	primaryD-channelMustbePRI-NCard
775	backupD-channelMustbePRI-NCard
776	cardAlreadyDefinedInAnotherGroup
777	cardAlreadyEntered
778	primaryD-channelNotOOS
779	backupD-channelNotOOS
780	nullValueNotAllowed
782	cardNotOutOfService
784	nfasConfigurationUpdated
785	updateCanceled
786	noNfasConfigurationChangesDetected
787	primaryD-channelMustAppearInGroup
788	backupD-channelMustAppearInGroup
789	cardIsConfiguredAs24BNoD-channel
790	d-chanStatesHaveChangedPressREDRAW
792	commandAborted
793	invalidD-chanStatesDetected
794	memoryAllocationFailedForCommand

Value	String
795	adminD-chanSWITCHCommandSubmitted
796	adminD-chanMOOSCommandSubmitted
797	adminD-chanACTIVATECommandSubmitted
798	nfasGroupAlreadyExists
799	nfasGroupIsNotEmpty
800	fatalErrorInNfasGroupProcessing
801	invalidPosition
802	exceededMaxNumOfInterfaces
803	invalidArgument
804	nfasGroupWasChanged
805	dChannelAlreadyManuallyOOS
806	dChannelAlreadyActive
807	backupChannelNotStandby

Access Policy

Read only

Status

Mandatory

nfasGroupOwnerString

{nfasGroupEntry 9}

Description

The entity that configured this object and is therefore using the NFAS-assigned group.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.9

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

nfasGroupEntryStatus

{nfasGroupEntry 10}

Description

The status of the NFAS group object.

Object Identifier

1.3.6.1.4.1.886.1.9.13.1.10

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

nfasGroupTableLast Modified

{data 14}

Description

The time, displayed in hundredths of a second, since the NFAS group table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.14

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

NFAS Interface Table

The NFAS interface table is a read-only list of the interfaces in the NFAS groups. It enables quick enumeration of the interfaces in NFAS groups.

nfasInterfaceTable

{data 16}

Description

A list of the interfaces in the NFAS Groups.

Object Identifier

1.3.6.1.4.1.886.1.9.16

Data Type

Sequence of NfasInterfaceEntry

Access Policy

Not accessible

Status

Mandatory

nfasInterfaceEntry

{nfasInterfaceTable 1}

Description

An object representing an NFAS interface entry.

Object Identifier

1.3.6.1.4.1.886.1.9.16.1

Data Type

nfasInterfaceEntry

Access Policy

Not accessible

Status

Mandatory

Index

{nfasGroupIndex, nfasInterfaceNum}

NfasInterfaceEntry

Sequence

nfasInterfaceNum Integer

nfasInterfaceCardIndex CardIndex

nfasInterfaceSpanNum Integer

nfasInterfaceNum

[nfasInterfaceEntry 1}

Description

Specifies the interface number of the T1 or PRI/N card being added to the NFAS Group. Up to 20 interfaces, including those containing the primary and the backup D-channels, are listed for each NFAS group. This is the secondary index into the interface table.

Object Identifier

1.3.6.1.4.1.886.1.9.16.1.1

Data Type

Integer. Possible values for this field are from 1 to 20.

Access Policy

Read-write

Status

Mandatory

nfasInterfaceCardIndex

{nfasInterfaceEntry 2}

Description

Indicates the physical location (hardware address) of the card. The index object lists rack (R), level (L), and slot (S) where the card resides.

Object Identifier

1.3.6.1.4.1.886.1.9.16.1.2

Data Type

CardIndex

Access Policy

Read only

Status

Mandatory

nfasInterfaceSpanNum

{nfasInterfaceEntry 3}

Description

For 4XT1 and 4XE1 cards, this field specifies the span number.

Object Identifier

1.3.6.1.4.1.886.1.9.16.1.3

Data Type

Integer

Access Policy

Read only

Status

Mandatory

Answer Supervision Templates

Use the answer supervision templates with the ANS SUP [xx], WAIT SUP, and FINAL SUP outpulse rule tokens. For further information on answer supervision templates, refer to the *Cisco VCO/4K System Administrator's Guide*.

ansSupTempTable

{ data 19 }

Description

A list of answer supervision template entries.

Object Identifier

1.3.6.1.4.1.886.1.9.19

Data Type

Sequence of AnsSupTempEntry

Access Policy

Not accessible

Status

Mandatory

ansSupTempEntry

{ ansSupTempTable 1 }

Description

A table entry which consists of the fields of a template.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1

Data Type

AnsSupTempEntry

Access Policy

Not accessible

Status

Mandatory

Index

{ ansSupTempIndex }

AnsSupTempEntry

Sequence

ansSupTempIndex Integer

ansSupTempDialTone Integer

ansSupTempRingback Integer

ansSupTempBusy Integer

ansSupTempReorder	Integer
ansSupTempSitTones	Integer
ansSupTempRingCess	Integer
ansSupTempVoiceCess	Integer
ansSupTempVoiceDet	Integer
ansSupTempWink	Integer
ansSupTempAnswer	Integer
ansSupTempTime	Integer
ansSupTempHookFlash	Integer
ansSupTempPagerCue	Integer
ansSupTempIsupTone	Integer
ansSupTempIsupCess	Integer
ansSupTempErrorStatus	Integer
ansSupTempOwnerString	OwnerString
ansSupTempEntryStatus	EntryStatus

ansSupTempIndex

{ansSupTempEntry 1 }

Description

Identifies the specific template configuration for use with the WAIT SUP and FINAL SUP outpulse rule tokens.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.1

Data Type

Integer. Valid template numbers are from 1 to 24.

Access Policy

Read only

Status

Mandatory

ansSupTempDialTone

{ansSupTempEntry 2}

Description

Dial Tone—Signal indicates the connected equipment is ready to receive digits. The signal is a combined 350-Hz and 440-Hz steady tone. The event is reported after approximately 0.75 seconds (requires CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.2

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempRingback

```
{ansSupTempEntry 3}
```

Description

Ringback—Signal indicates a connection is established to the called equipment, although the call is not completed until answer supervision is received. Audible ringback is a combination of 440 Hz and 480 Hz with a cadence of 2 seconds on followed by 4 seconds off. Ringback, including non-precise or “dirty” ringback, is reported after two cycles (requires CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.3

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempBusy

{ansSupTempEntry 4}

Description

Busy—Signal indicates the called equipment is in use. Combined 480-Hz and 620-Hz tone with 0.5 seconds on followed by 0.5 seconds off. The event is reported after two (precise) or three (non-precise) cycles of this pattern (requires CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.4

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to Outpulse Rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempReorder

```
{ansSupTempEntry 5}
```

Description

Reorder—Signal indicates an error condition (for example, all circuits are busy, invalid destination, Permanent Signal Condition). Combined 480-Hz and 620-Hz tone with 0.25 seconds on followed by 0.25 seconds off. The event is reported after two (precise) or three (non-precise) cycles of this pattern. This feature requires CPA.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.5

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempSitTones

{ansSupTempEntry 6}

Description

SIT Tones—Signals provide additional information (special information tones). Signal frequencies and cadences depend on the system applications. Standard tones are used for incorrectly dialed numbers and changed numbers. All SIT tones are treated the same and each SIT tone type is not distinguished (requires a CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.6

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempRingCess

{ansSupTempEntry 7}

Description

Ring Cessation—Silence is detected immediately after presence of ringback is established. Event is reported after 3 to 6.5 seconds of silence. Timing starts once ringback is detected (requires a CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.7

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempVoiceDet

{ansSupTempEntry 8}

Description

Voice Detection—Signal is within the range of human speech. Signal must be within 200 Hz to 3400 Hz. Event is reported after 0.25 to 0.50 seconds (requires CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.8

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempVoiceCess

{ansSupTempEntry 9}

Description

Voice Cessation—Silence is detected immediately after presence of voice is established. Event is reported after 0.5 to 1 second of silence. Timing starts once voice is detected (requires CPA).

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.9

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempWink

{ansSupTempEntry 10}

Description

Wink—Signal indicates the distant end is ready to receive outpulsed address digits from the originating central office. Signal is a brief off-hook/on-hook on an unanswered circuit. This signal is detected on T1, E+M and UTC ports only.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.10

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempAnswer

```
{ansSupTempEntry 11}
```

Description

Answer—True answer supervision received from the far end. Answer supervision varies based on link/trunk type. This signal is detected on all line and trunk types except for DID and Loop Start UTC.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.11

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempTime

```
{ansSupTempEntry 12}
```

Description

Time—Expiration of a timer on a port waiting for supervision. The timer starts when template processing begins. Timing ends when an event that satisfies the template is detected. The timer's duration is specified in a preceding TIME SUP [xx] outpulse rule token. If you do not specify a token, timing is not performed (supported for all line and trunk types). When an ANSBK or ANSREP token is specified, timeout functions as a grace timer. When an ERROR or FAIL token is specified, timeout indicates a supervision error or a call failure.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.12

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempHookFlash

{ansSupTempEntry 13}

Description

Hook Flash—Indicates a change in the status of the call (depending on application). Signal is a brief on-hook/off-hook. This signal is detected by SLIC, LTC-8, and E+M cards only.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.13

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempPagerCue

{ansSupTempEntry 14}

Description

Pager Cue—Signal is presented by pager terminal equipment requesting the callback number (the callback number is then transmitted to the paged party). Signal is nominally three to four 1400-Hz tone burst at 100 to 125-ms intervals. This feature requires CPA.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.14

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTemplsupTone

{ansSupTempEntry 15}

Description

ISUP Tone.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.15

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTemplsupCess

{ansSupTempEntry 16}

Description

ISUP cessation.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.16

Data Type

Integer. The valid numerical and string values are shown in the following table. For further information, refer to the *Cisco VCO/4K System Administrator's Guide*.

Value	String	Meaning
0	empty	
1	ok	Ends template processing when the system detects the tone, but it is not reported to the host.
2	okrep	Events assigned OKREP tokens are handled like OK tokens, but okrep also generates a report to the host.
3	ansbk	Causes the system to answerback over the incoming port. A report is not sent to the host.
4	ansrep	Handled like ANSBK tokens, but ansrep also generates a report to the host.
5	rep	Reported to the host when detected by the system, but rep does not end template processing.
6	error	Specifies that the signaling event should be treated as a supervision error. Causes a rehunt for another outgoing port (if the outgoing resource group is configured for rehunging).
7	fail	Specifies that the signaling event indicates a failed call. The outgoing port is removed from the call (no rehunt performed) and the incoming port is left in setup.
8	quit	Specifies that the signaling event causes outpulse rule processing to abort. Template processing ends, and the outgoing port returns to the state it was in prior to outpulse rule processing (CP_IDLE, CP_ATT, CP_SETUP or CP_STAB) but is not removed from the call.

Access Policy

Read-write

Status

Mandatory

ansSupTempErrorStatus

{ansSupTempEntry 17}

Description

Registers the last error that occurred on this ansSupTemp object.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.17

Data Type

Integer. The possible values and their meaning are shown in the following table:

Value	String
2304	invalidAnsSupvTemplateId
2305	templateAlreadyExists
2306	invalidAction
2307	templateNotEmpty
2308	pagerDetectSelectedWithIsupTone
2309	hookFlashSelectedWithIsupCessation

Access Policy

Read only

Status

Mandatory

ansSupTempOwnerString

{ansSupTempEntry 18}

Description

The entity that configured this object and is therefore using the assigned object.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.18

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

ansSupTempEntryStatus

{ansSupTempEntry 19}

Description

The status of this entry.

Object Identifier

1.3.6.1.4.1.886.1.9.19.1.19

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

ansSupTempTableLastModified

{data 20}

Description

The time, displayed in hundredths of a second, since the answer supervision template was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.20

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

Routing Table Group

Routing tables define call routes (resource group hunted and impulse/output pulse rule executed) based on pattern matching of the dialed digits. You can define and distribute up to 1000 routes among the ten route tables. The routes do not have to be divided equally among the route tables. For example, one table can have 217 routes, another 1056 routes, and so forth. Users can also assign all 1000 possible routes to a single routing table. Refer to the *Cisco VCO/4K TeleRouter Reference Guide* for further information.

routeGrpTable

{data 22}

Description

A listing of all the route tables defined in your system.

Object Identifier

1.3.6.1.4.1.886.1.9.22

Data Type

Sequence of RouteGrpEntry

Access Policy

Not accessible

Status

Mandatory

routeGrpEntry

{routeGrpTable 1}

Description

An entry representing a Routing Group table group.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.

Data Type

RouteGrpEntry

Access Policy

Not accessible

Status

Mandatory

Index

{routeGrpIndex}

RouteGrpEntry

Sequence

routeGrpIndex	Integer
routeGrpTableID	DisplayString
routeGrpNumberOfRoutes	Integer
routeGrpTableName	DisplayString

routeGrpTemplateSize	Integer
routeGrpTemplateStart	Integer
routeGrpMinimumDigits	Integer
routeGrpTest	DisplayString
routeGrpErrorStatus	Integer
routeGrpOwnerString	OwnerString
routeGrpEntryStatus	EntryStatus

routeGrpIndex

{routeGrpEntry 1}

Description

This object indicates the number of route table groups.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.1

Data Type

Integer. Length of the display string is from 1 to 10 alphanumeric characters.

Access Policy

Read only

Status

Mandatory

routeGrpTableID

{routeGrpEntry 2}

Description

Indicates the letter of the routeGrp table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.2

Data Type

DisplayString. Length of the display string is one character. The possible values for this display string are the characters A to J.

Access Policy

Read only

Status

Mandatory

routeGrpNumberOfRoutes

{routeGrpEntry 3}

Description

Indicates the number of routes defined for the routeGrp table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.3

Data Type

Integer. Possible value for this object are from 1 to 1000.

Access Policy

Read only

Status

Mandatory

routeGrpTableName

{routeGrpEntry 4}

Description

Indicates the name of the routeGrp table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.4

Data Type

DisplayString. The display string contains from 1 to 12 alphanumeric characters.

Access Policy

Read-write

Status

Mandatory

routeGrpTemplateSize

{routeGrpEntry 5}

Description

Determines the number of consecutive digits used in pattern matching for this routeGrpTable. The size should include any special matching characters.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.5

Data Type

Integer. The valid values are from 1 to 20.

Access Policy

Read-write

Status

Mandatory

routeGrpTemplateStart

{routeGrpEntry 6}

Description

Determines the starting position of the digits used in pattern matching for this routeGrp table. The value set for this variable must be less than or equal to the difference between the template size and 20, plus 1. For example, if the size is 20 the start must be 1. The following table shows the template and start sizes.

Template Size	Start Size	Template Size	Start Size
20	1	10	11
19	2	9	12
18	3	8	13
17	4	7	14
16	5	6	15
15	6	5	16
14	7	4	17
13	8	3	18
12	9	2	19
11	10	1	20

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.6

Data Type

Integer. The possible values are from 0 to 20.

Access Policy

Read-write

Status

Mandatory

routeGrpMinimumDigits

{routeGrpEntry 7}

Description

Determines the number of digits the switch must detect when it uses pattern matching in the routeGrp table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.7

Data Type

Integer. The valid values are from 0 to 20.

Access Policy

Read-write

Status

Mandatory

routeGrpTest

{routeGrpEntry 8}

Description

Use the Test command to enter and compare a specific digit string to the entries in the route table to determine if there is a match.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.8

Data Type

DisplayString. The display string contains from 1 to 20 alphanumeric characters.

Access Policy

Read-write

Status

Mandatory

routeGrpErrorStatus

{routeGrpEntry 9}

Description

This object register the last error that occurred in this routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.9

Data Type

Integer. The valid values and their meanings are shown in the following table:

Value	String
3840	invalidGroup
3841	routeGroupExists
3842	invalidIndex
3843	noRouteExists

Value	String
3844	invalidRouteNumber
3845	invalidPattern
3846	templateParametersNotDefined
3847	routeEsists
3848	invalidSize
3849	invalidValue
3850	maxRoutesExceeded

Access Policy

Read only

Status

Mandatory

routeGrpOwnerString

{routeGrpEntry 10}

Description

The entity that configured this object and is therefore using the assigned routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.10

Data Type

OwnerString

Access Policy

Read-write

Status

Mandatory

routeGrpEntryStatus

{routeGrpEntry 11}

Description

The status of the routing table. This object also determines whether you can modify the corresponding entries in the exrteTable and routeTable.

Object Identifier

1.3.6.1.4.1.886.1.9.22.1.11

Data Type

EntryStatus

Access Policy

Read-write

Status

Mandatory

routeGrpTableLastModified

{data 23}

Description

The time, displayed in hundredths of a second, since the route table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.23

Data Type

TimeTicks

Access Policy

Read only

Status

Mandatory

Exception Routing Table

Use the exception routing table to configure the error condition routes. There are four exception conditions: Short Collection (S), Empty Collection (E), Unmatched Pattern (U), and Direct Route (D). Refer to the *Cisco VCO/4K TeleRouter Reference Guide* for further information.

exrteTable

{data 24}

Description

Lists the individual exception routes.

Object Identifier

1.3.6.1.4.1.886.1.9.24

Data Type

Sequence of ExrteEntry

Access Policy

Not accessible

Status

Mandatory

exrteEntry

{ exrteTable 1 }

Description

An entry representing an exception route.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1

Data Type

ExrteEntry

Access Policy

Not accessible

Status

Mandatory

Index

{ routeGrpIndex, exrteIndex }

ExrteEntry

Sequence

exrteIndex	Integer
exrteLabel	Displaystring
exrtePrimaryGroup	Integer
exrtePrimaryRule	Integer
exrteSecondaryGroup	Integer
exrteSecondaryRule	Integer
exrteFinalGroup	Integer
exrteFinalRule	Integer

exrteIndex

{ exrteEntry 1 }

Description

Specifies the route number in the routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.1

Data Type

Integer

Access Policy

Read only

Status

Mandatory

exrteLabel

{exrteEntry 2}

Description

Specifies the route label in the routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.2

Data Type

DisplayString. The display string can contain from 1 to 20 alphanumeric characters.

Access Policy

Read only

Status

Mandatory

exrtePrimaryGroup

{exrteEntry 3}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 causes the switch to execute an outpulse rule.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.3

Data Type

Integer. The valid values are from 0 to 63.

Access Policy

Read-write

Status

Mandatory

exrtePrimaryRule

{exrteEntry 4}

Description

Indicates the impulse/output pulse rule the switch should execute if the dialed digits match the corresponding pattern.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.4

Data Type

Integer. The valid values are from 0 to 30. If both the Group and Rule are 0, no routing actions are performed.

Access Policy

Read-write

Status

Mandatory

exrteSecondaryGroup

{exrteEntry 5}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.5

Data Type

Integer. The valid values are from 0 to 63. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 causes the switch to execute an output pulse rule.

Access Policy

Read-write

Status

Mandatory

exrteSecondaryRule

{exrteEntry 6}

Description

Indicates the impulse/output pulse rule the switch should execute if the dialed digits match the corresponding pattern.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.6

Data Type

Integer. The valid values are from 0 to 30. If both the group and rule are 0, no routing actions are performed.

Access Policy

Read-write

Status

Mandatory

exrteFinalGroup

{exrteEntry 7}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.7

Data Type

Integer. The valid values are from 0 to 63. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 causes the switch to execute an outpulse rule.

Access Policy

Read-write

Status

Mandatory

exrteFinalRule

{exrteEntry 8}

Description

Indicates the impulse/outpulse rule that the switch should execute if the dialed digits match the corresponding pattern. If both the group and rule are 0, then no routing actions are performed.

Object Identifier

1.3.6.1.4.1.886.1.9.24.1.8

Data Type

Integer. The valid values are from 0 to 30.

Access Policy

Read-write

Status

Mandatory

exrteTableLastModified

{ data 25 }

Description

The time, displayed in hundredths of a second, since the route table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.25

Data Type

Integer

Access Policy

Read only

Status

Mandatory

Route Table

The route table enables the user to specify routes for the TeleRouter. Refer to the *Cisco VCO/4K TeleRouter Reference Guide* for further information.

routeTable

{ data 26 }

Description

Lists the individual routes.

Object Identifier

1.3.6.1.4.1.886.1.9.26

Data Type

Sequence of RouteEntry

Access Policy

Not accessible

Status

Mandatory

routeEntry

{ routeTable 1 }

Description

An entry that represents a route.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1

Data Type

RouteEntry

Access Policy

Not accessible

Status

Mandatory

Index

{routeGrpIndex, routeIndex}

RouteEntry

Sequence

routeIndex	Integer
routePattern	DisplayString
routePrimaryGroup	Integer
routePrimaryRule	Integer
routeSecondaryGroup	Integer
routeSecondaryRule	Integer
routeFinalGroup	Integer
routeFinalRule	Integer
routeAdd	DisplayString
routeDelete	Integer

routeIndex

{routeEntry 1 }

Description

Specifies the number of routes in the routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.1

Data Type

Integer. The valid number of routes, across the ten possible route groups, is from 1 to 1000.

Access Policy

Read only

Status

Mandatory

routePattern

{routeEntry 2}

Description

Specifies the route pattern in the routing table.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.2

Data Type

DisplayString. The display string contains from 1 to 20 alphanumeric characters.

Access Policy

Read only

Status

Mandatory

routePrimaryGroup

{routeEntry 3}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 causes the switch to execute an outpulse rule.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.3

Data Type

Integer. The valid values are from 0 to 63 for 2K mode, or 0 to 224 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routePrimaryRule

{routeEntry 4}

Description

Indicates the impulse/outpulse rule that the switch should execute if the dialed digits match the corresponding pattern. If both the group and rule are 0, then no routing actions are performed.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.4

Data Type

Integer. The valid values are from 0 to 30 for 2K mode, or 0 to 255 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routeSecondaryGroup

{routeEntry 5}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 (or 1 to 224 for 4K mode) causes the switch to execute an outpulse rule.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.5

Data Type

Integer. The valid values are from 0 to 63 for 2K mode, or 0 to 224 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routeSecondaryRule

{routeEntry 6}

Description

Indicates the impulse/outpulse rule that the switch should execute if the dialed digits match the corresponding pattern. If both the Group and Rule are 0, then no routing actions are performed.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.6

Data Type

Integer. The valid values are from 0 to 30 for 2K mode, or 0 to 225 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routeFinalGroup

{routeEntry 7}

Description

Indicates the resource group from which the switch should hunt for an outgoing port if the dialed digits match the corresponding pattern. A value of 0 causes the switch to execute an impulse rule. A value from 1 to 63 (1 to 224 for 4K mode) causes the switch to execute an outpulse rule.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.7

Data Type

Integer. The valid values are from 0 to 63 for 2K mode, or 0 to 224 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routeFinalRule

{routeEntry 8}

Description

Indicates the impulse/outpulse rule that the switch should execute if the dialed digits match the corresponding pattern. If both the group and rule are 0, then no routing actions are performed.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.8

Data Type

Integer. The valid values are from 0 to 30 for 2K mode, or 0 to 225 for 4K mode.

Access Policy

Read-write

Status

Mandatory

routeAdd

{routeEntry 9}

Description

Adds a route to the route table. You must specify the pattern that you want to match. When adding routes, the routeIndex component of the index must be 1 higher than the number of routes already in the table.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.9

Data Type

DisplayString. The display string contains from 1 to 20 alphanumeric characters.

Access Policy

Read-write

Status

Mandatory

routeDelete

{routeEntry 10}

Description

Deletes a specific route from the routing table. The route specified must equal the routeIndex component of the index. Also, you can only delete the last route in the table.

Object Identifier

1.3.6.1.4.1.886.1.9.26.1.10

Data Type

Integer. The valid number of routes, across the ten possible route groups, is from 1 to 1000.

Access Policy

Read-write

Status

Mandatory

routeTableLastModified

{data 27}

Description

The time, displayed in hundredths of a second, since the beginning of the time that the route table was last modified. Helps NMS application developers determine the polling of the agent parameters.

Object Identifier

1.3.6.1.4.1.886.1.9.27

Data Type

Integer

Access Policy

Read only

Status

Mandatory

