

SSCP Overview

(Smart Phone Service Control Protocol)



AddPac

AddPac Technology

2005, Sales and Marketing

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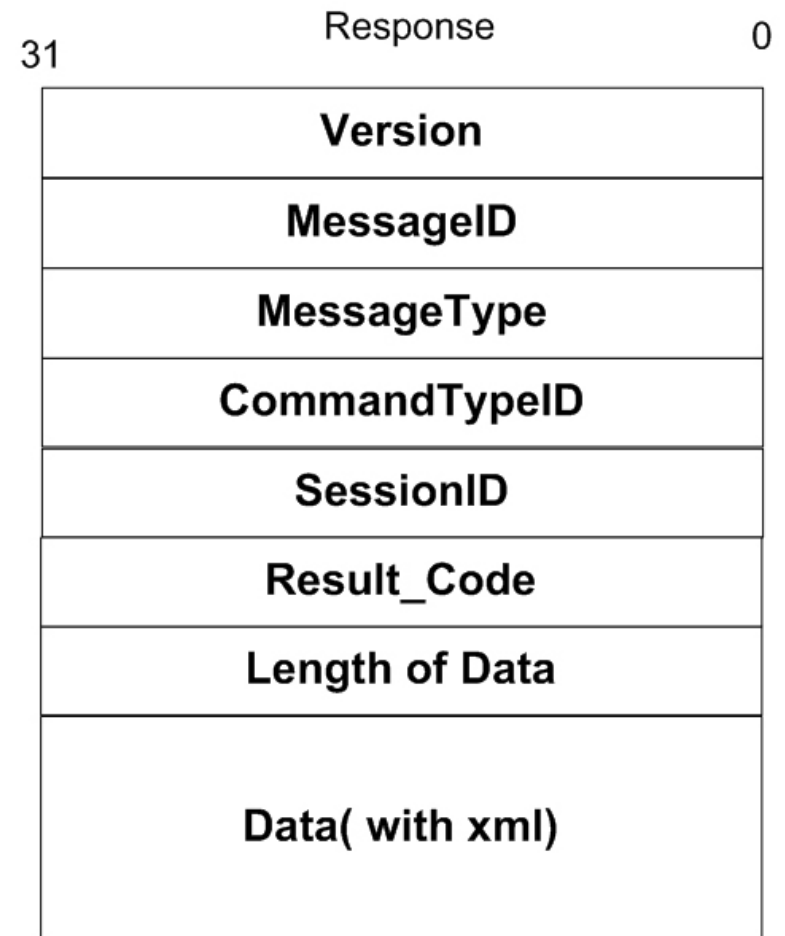
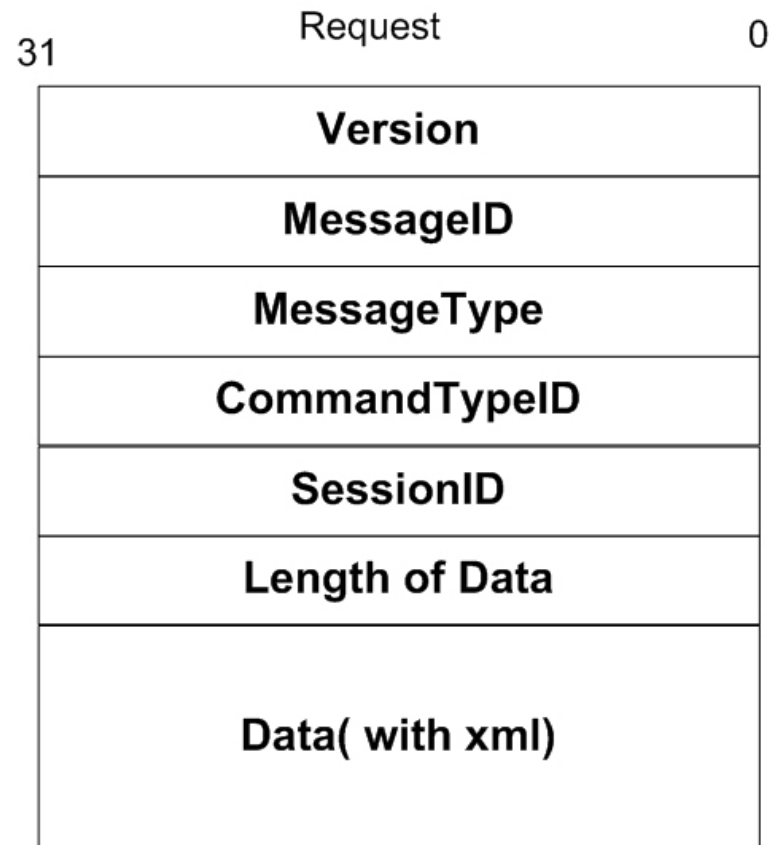
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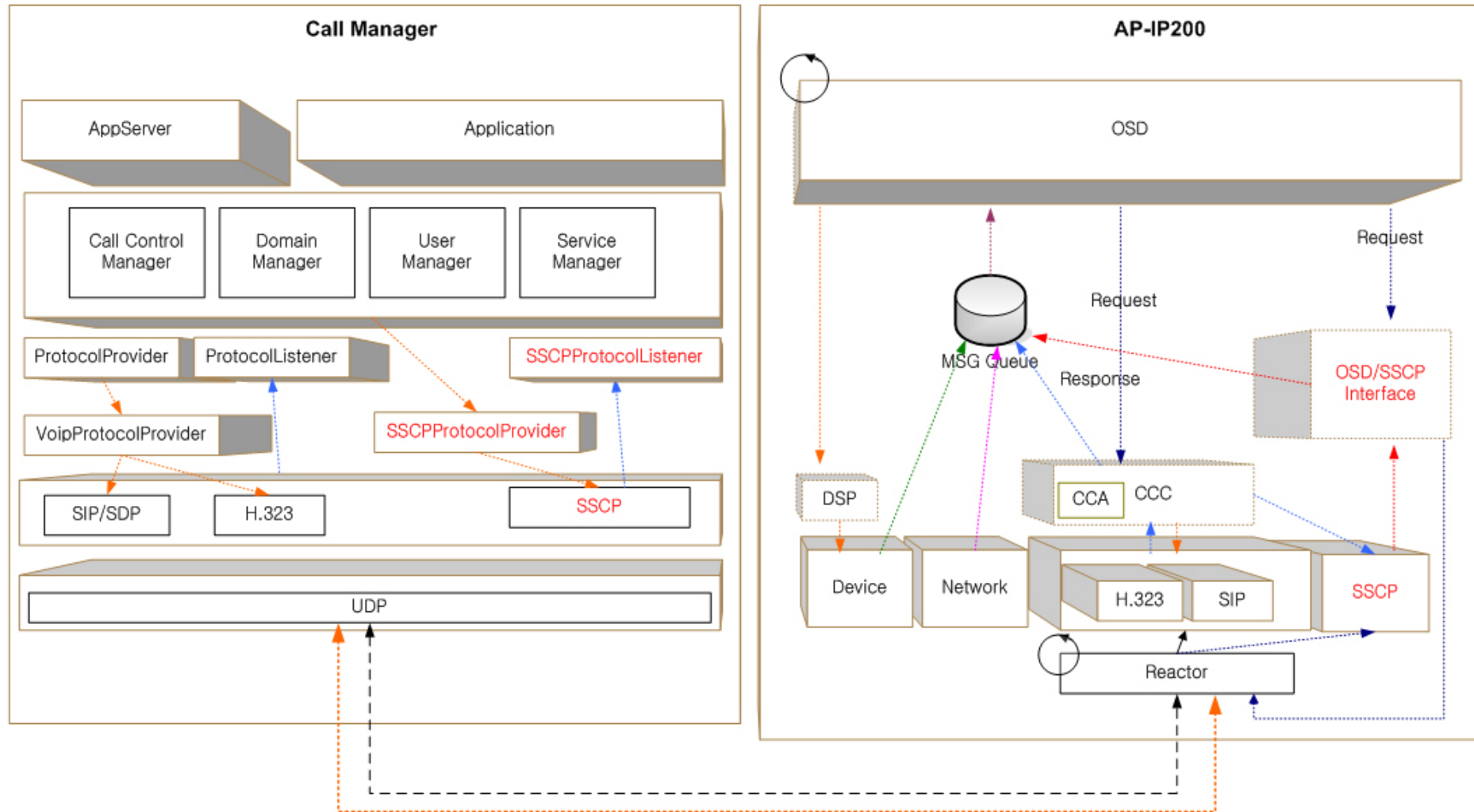
What is SSCP Protocol ?

- AddPac Propriety Protocol between Call Manager & IP Terminal (IP Phone, Video Phone, etc) for Smart IP Phone Service
- Transport Protocol : UDP
- SSCP Function
 - Registration
 - Phone Status
 - Event Processing
 - Soft Key, Phone Book, Voice Mail, Call History, etc
 - Phone Layout

SSCP Message Format



SSCP Architecture



SSCP Messages : Example

IP Phone -> Call Manager

1	KeepAlive
2	TimeDate
3	ButtonTemplate
4	Version
5	SoftKeySet
6	Unregister
7	SoftKeyTemplate
8	Service

```

9 | SpeedDial
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=SpeedDial>
  <SpeedDial number=3> </SpeedDialNumber>
</SSCP>
</xml>

```

```

10 | Forward
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=Forward>
  <Address number=1012></AddressNumber>
</SSCP>
</xml>

```

```

11 | HeadsetStatus
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=HeadsetStatus>
  <Mode type=" On/Off" ></Mode>
</SSCP>
</xml>

```

```

12 | SoftKeyEvent
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=SoftKeyEvent>
  <Event id=1 name="Redial" ></Event>
  <CallIdentifier id="01002007" ></CallIdentifier>
  <Group id="23" ></Group>
</SSCP>
</xml>

```

```

14 | PhoneBook
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=PhoneBook>
  <User id="test1012" lastname="kim" firstname="sangmi" ></User>
</SSCP>
</xml>

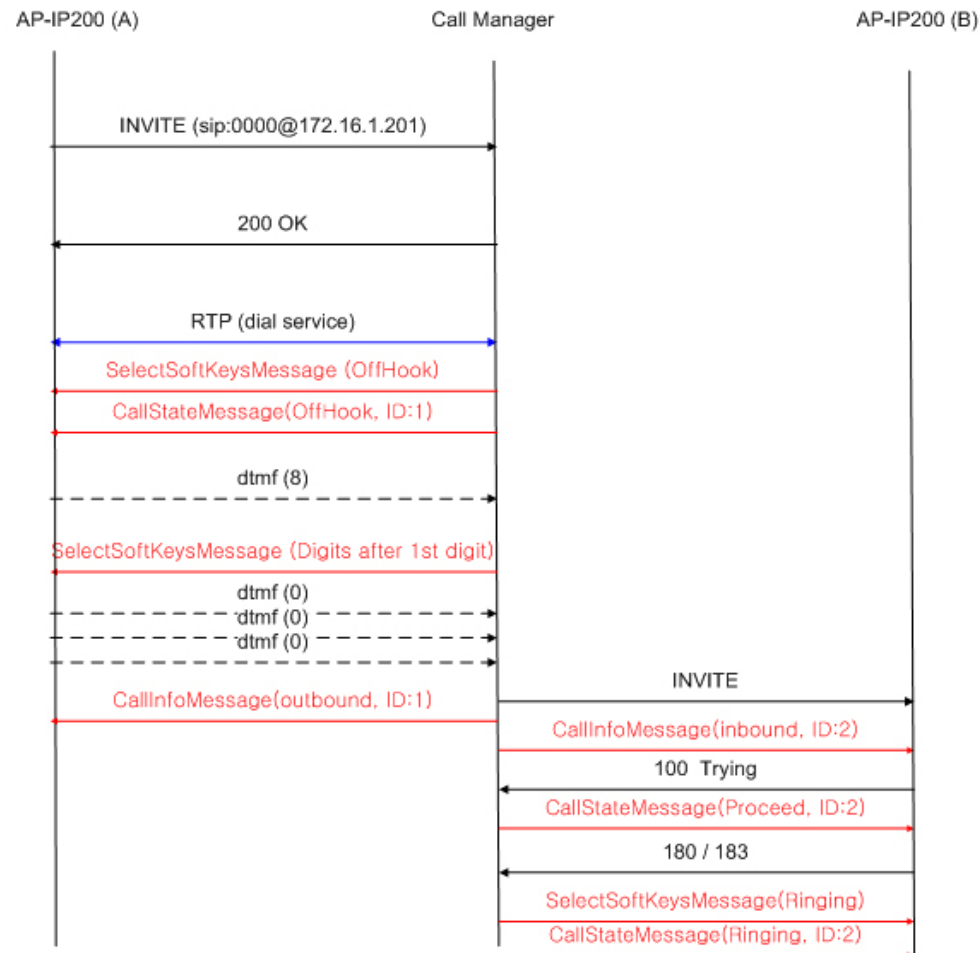
```

softKeyEvent

- {1 , "Redial"},
- {2 , "NewCall"},
- {3 , "Hold"},
- {4 , "Trnsfer"},
- {5 , "CFwdAll"},
- {6 , "CFwdBusy"},
- {7 , "CFwdNoAnswer"},
- {8 , "BackSpace"},
- {9 , "EndCall"},
- {10 , "Resume"},
- {11 , "Answer"},
- {12 , "Info"},
- {13 , "Confrn"},
- {14 , "Park"},
- {15 , "Join"},
- {16 , "MeetMeConfrn"},
- {17 , "CallPickUp"},
- {18 , "GrpCallPickUp"},
- {19 , "Play"},
- {20 , "Store"},
- {21 , "Delete"},
- {0 , NULL}

SSCP Call Flow : Example

Basic Call Flow





Thank you!

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