

SSCP Overview

(Smart Phone Service Control Protocol)



AddPac

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Sales and Marketing

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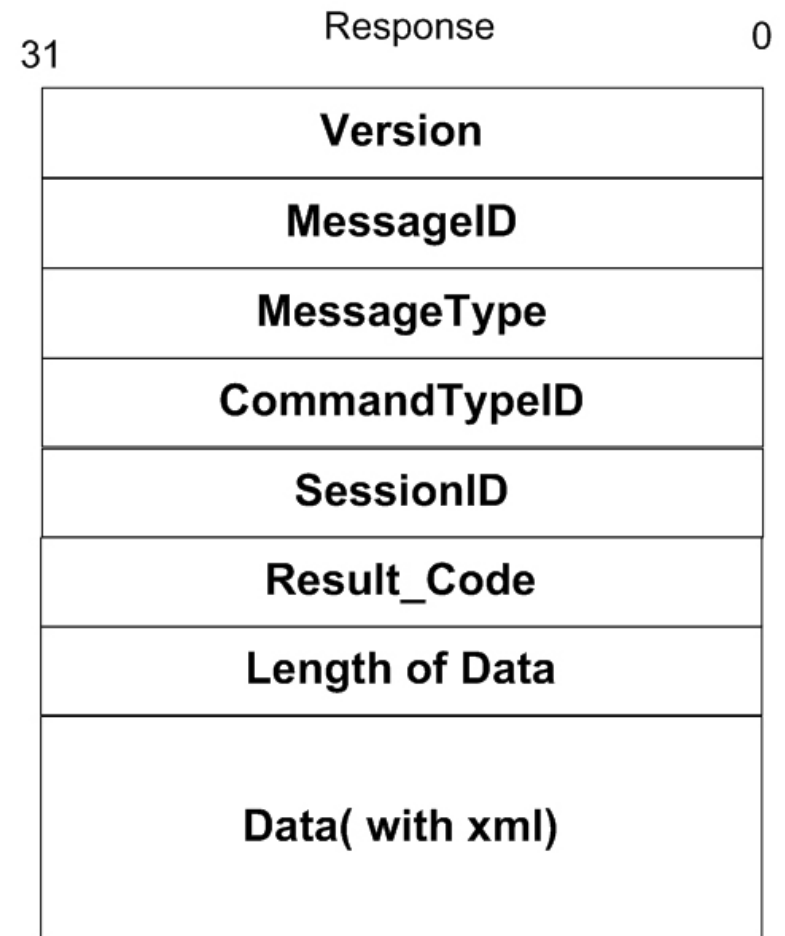
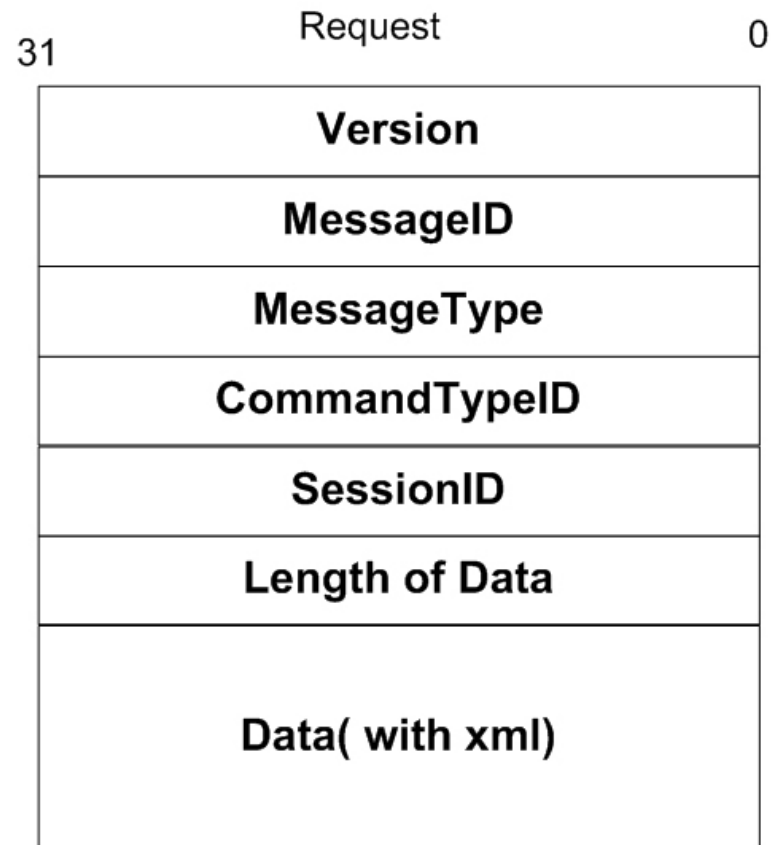
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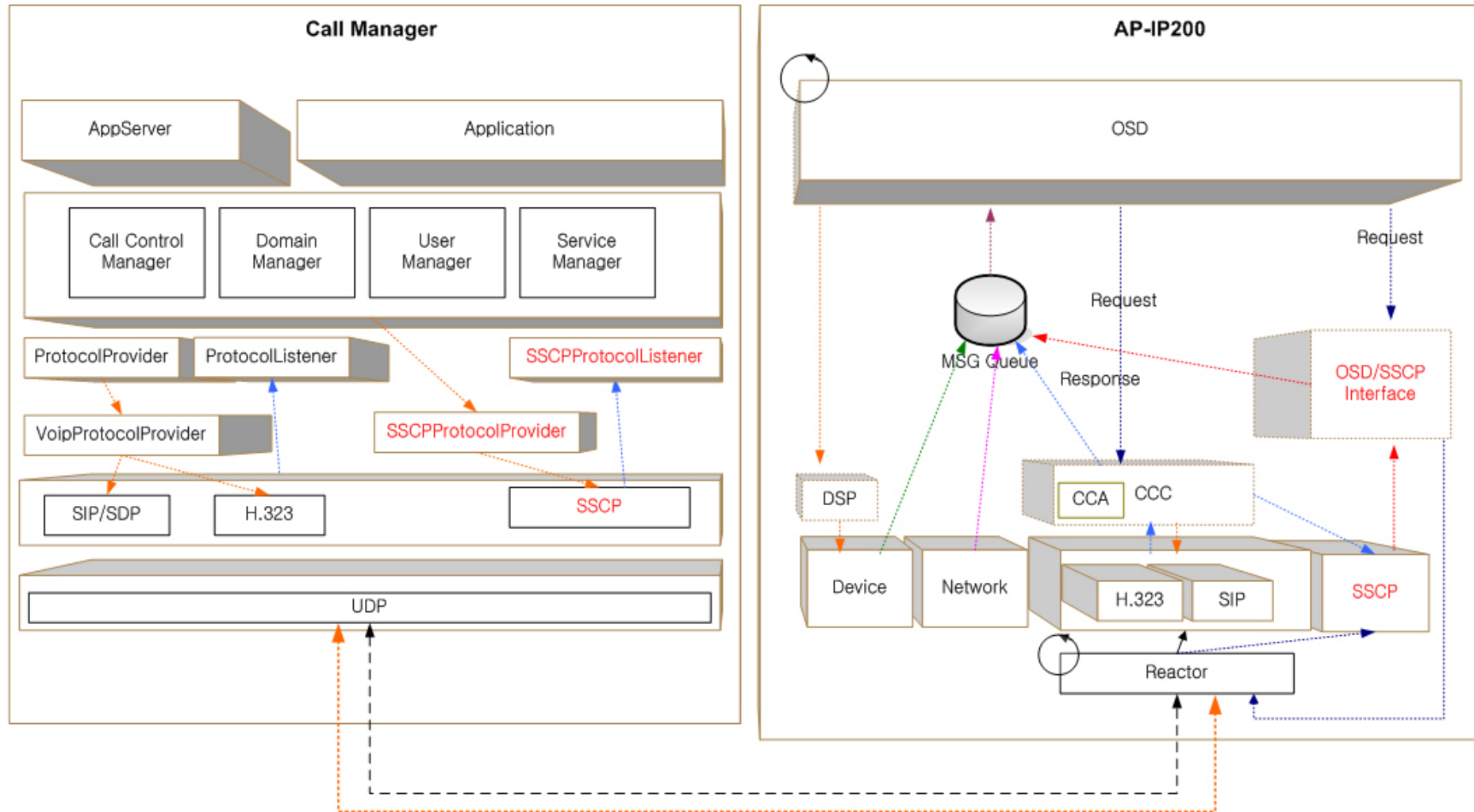
What is SSCP Protocol ?

- 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**

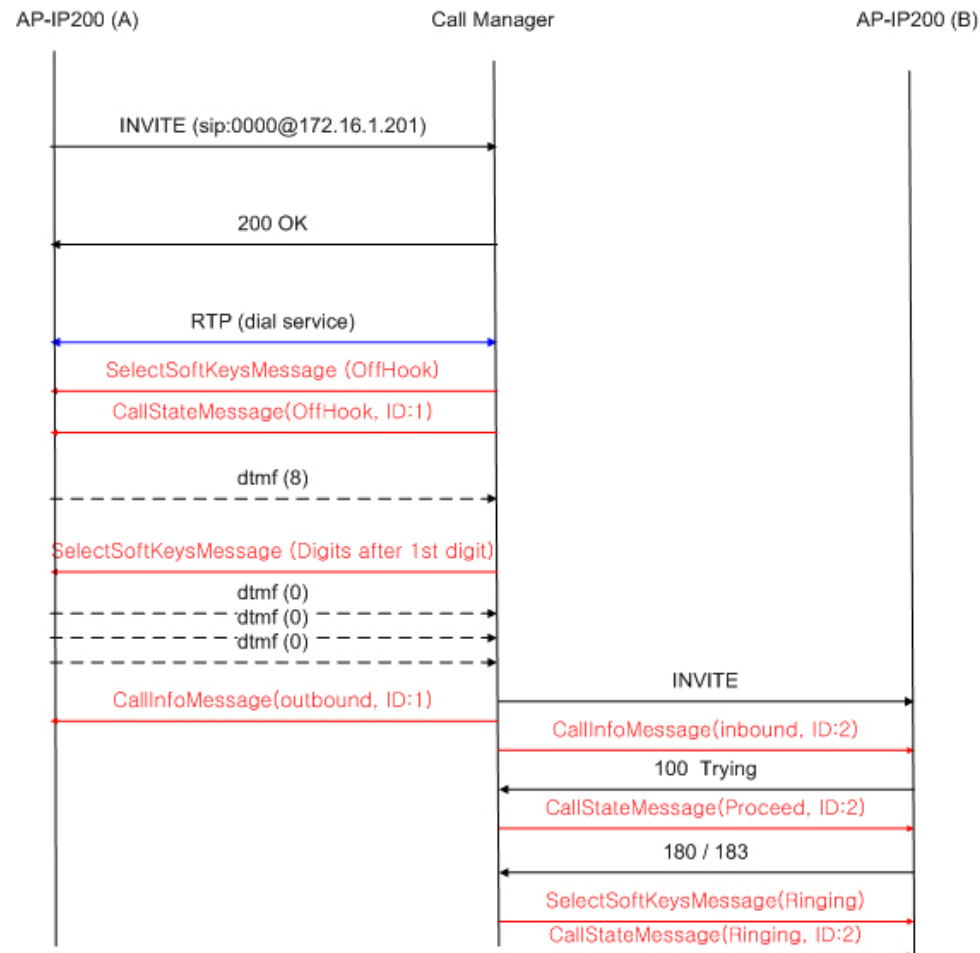
```
<?xml version="1.0" encoding="utf-8"?>
<SSCP name=PhoneBook>
  <User id="test1012" lastname="kim" firstname="sangmi" ></User>
</SSCP>
</xml>
```

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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