

# SIP Service Return Codes and Reason Codes

This document contains the return codes and reason codes of the Session Information Pool (SIP) Service requests. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

This document covers the following topics:

- Return Codes
  - SIP Reason Codes for Return Code 0
  - SIP Reason Codes for Return Code 12
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## Return Codes

Decimal	Explanation
0	Function completed normally.
4	Auth. server not available
8	Parmlist write protected.
12	Error, see reason code.
16	Abnormal end.
20	Coupling Facility (CF) interface error.
24	Abend without work area, recursive abend.

## SIP Reason Codes for Return Code 0

Dec	Explanation
4	SIP Service local only (no Coupling Facility).

## SIP Reason Codes for Return Code 12

### General Errors

<b>Dec</b>	<b>Explanation</b>
104	SIP Service not available.
108	GETMAIN for work area failed.
112	Invalid function code.

### **ALLOC Function Errors**

<b>Dec</b>	<b>Explanation</b>
8	Invalid key (session ID).
12	Duplicate key (session ID).
16	Session information pool full.
20	Requested length exceeds slot size.

### **FREE Function Errors**

<b>Dec</b>	<b>Explanation</b>
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.

### **WRITE Function Errors**

<b>Dec</b>	<b>Explanation</b>
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.
16	Buffer not addressable.
20	Invalid buffer length.

**GET UNIQUE Function Errors**

<b>Dec</b>	<b>Explanation</b>
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.
16	Buffer not modifiable.
24	Key (session ID) not found.
28	Info: Output truncated.

**GET SEQUENTIAL Function Errors**

<b>Dec</b>	<b>Explanation</b>
16	Buffer not modifiable.
20	Invalid buffer length.

**QUERY Function Errors**

<b>Dec</b>	<b>Explanation</b>
16	Buffer not modifiable.
20	Invalid buffer length.