

Number Range Objects

SAP has a lot of number range objects. Customers have a number range object, Vendors have one, Sales Transactions, Deliveries, Invoices, Accounting documents, Vendor payments, so on and so forth. Even EDI documents have a number range. Each of these number ranges could have a common name.

For example, Customer master and Vendor master number ranges are shown below.

Customer Number Range

NR Object

Customer

Intervals

No.	From number	To number	Current number	Ext
01	0000000001	0000099999		<input checked="" type="checkbox"/>
02	0000100000	0000199999	100180	<input type="checkbox"/>
03	1000000000	1000099999	1000000039	<input type="checkbox"/>
04	0000200000	0000299999		<input checked="" type="checkbox"/>
05	5000000000	5999999999		<input checked="" type="checkbox"/>
06	6000000000	6999999999	0	<input type="checkbox"/>
07	0000300000	0000399999	301169	<input type="checkbox"/>
08	0000400000	0000499999		<input checked="" type="checkbox"/>
XX A	ZZZZZZZZZZ			<input checked="" type="checkbox"/>

Vendor Number Range

NR Object

Vendor

Intervals

No.	From number	To number	Current number	Ext
01	0000000001	0000099999		<input checked="" type="checkbox"/>
02	0000100000	0000199999	100222	<input type="checkbox"/>
03	0000200000	0000299999	200059	<input type="checkbox"/>
04	0000300000	0000399999		<input checked="" type="checkbox"/>
06	6000000000	6999999999	0	<input type="checkbox"/>
EB	1000000000	1000099999	0	<input type="checkbox"/>
XX A	ZZZZZZZZZZ			<input checked="" type="checkbox"/>


The number range interval name might seem the same (01, 02..) and even the From and To numbers could look the same. But they belong to different number range objects. For example, look at number range 04 above between the 2 different number range objects, and you can understand.


So, although the number ranges look the same they are specific to a particular number range object – meaning, Customer number range 01 for example is totally different from Vendor number range 01. A list of all the number range objects (Customer, Vendor, Material etc) can be got from the transaction SNRO. There are close to 1800 number range objects.




For example, the number range object for Customer is DEBITOR and the transaction to maintain the number ranges for Customer is XDN1.

Number Range Objects

Number Range Object Maintenance

 Number ranges

Object: DEBITOR 

Object: DEBITOR Number range object has intervals

Short text: Customer

Long text: Customer Number Ranges

Interval characteristics

To-year flag ☐

Number length domain: CHAR10

No interval rolling ☐

Customizing specifications

Number range transaction: XDN1

Warning %: 10, 0

Main memory buffering ☒ No. of numbers in buffer: 5

The number range object for sales transactions is AUFTRAG

Number Range Objects

Object	AUFTRAG	Number range object has intervals	
Short text	Order		
Long text	Order Number Ranges		
Interval characteristics			
To-year flag	<input type="checkbox"/>		
Number length domain	AUFNR		
No interval rolling	<input type="checkbox"/>		
Customizing specifications			
Number range transaction	KONK		
Warning %	5, 0		
Main memory buffering	<input checked="" type="checkbox"/>	No. of numbers in buffer	20
Group specification			
Group table	T0030	Maintain text	
Fld. NoRangeElement	AUART	Delete group ref.	
Fld. NoRangeNo	NUMKR		
Display element text	<input checked="" type="checkbox"/>		

If you are implementing a custom business process, you can implement your own number ranges here.