

# API Inquiry: get\_preferredprospect

<b>Description</b>	Given an idnumber or alias, returns prospect(s) meeting the criteria – including <u>preferred</u> address, telephone, and e-mail.		
<b>Parameters</b>	<b>scheme</b>	GET	<i>Required.</i> All connection types. Inquiry type indicator.
	<b>action</b>	get_preferredprospect	<i>Required.</i> All connection types. Variable representing the specific inquiry.
	<b>URL</b>	nnn.nnn.n.n	<i>Optional.</i> Direct and DAD only. The URL of the requester, used for reporting. Results will display only if a URL is included.
	<b>dsource</b>	xxxxxxx	<i>Required.</i> Connection pooling servlet only. The key to the client door to the database.
<b>Search Criteria</b>	<b>datafile</b>	idnumber	<i>Optional.</i> Selects the prospect with this ID number.
		alias	<i>Optional.</i> Selects the prospect(s) with this alias (or idnumber from other system).
		alias_type	<i>Optional.</i> Used in combination with alias to narrow the alias used, often this is an identifier for another system.
<b>Sample Data</b>	<pre>&lt;?xml version="1.0" encoding="UTF-8"?&gt; &lt;XMLREQUEST&gt;   &lt;RECORD&gt;     &lt;IDNUMBER&gt;123&lt;/IDNUMBER&gt;   &lt;/RECORD&gt; &lt;/XMLREQUEST&gt;</pre>		
<b>Sample Result</b>	<pre>&lt;?xml version="1.0" ?&gt; = &lt;GET_PREFERREDPROSPECT TRANS_TIMESTAMP="09/21/2006 02:12:00 pm" IDNUMBER="340307"&gt; = &lt;PROSPECT&gt; = &lt;PROSPECT.IDNUMBER&gt;340307&lt;/PROSPECT.IDNUMBER&gt;   &lt;PROSPECT.FIRST&gt;Jane&lt;/PROSPECT.FIRST&gt;   &lt;PROSPECT.LAST&gt;Doe&lt;/PROSPECT.LAST&gt;   &lt;PROSPECT.SOLICIT&gt;Y&lt;/PROSPECT.SOLICIT&gt;   &lt;PROSPECT.MAILFLAG&gt;Y&lt;/PROSPECT.MAILFLAG&gt;   &lt;PROSPECT.FOOTNOTE&gt;N&lt;/PROSPECT.FOOTNOTE&gt;   &lt;PROSPECT.TIMESTAMP&gt;2005-10-18&lt;/PROSPECT.TIMESTAMP&gt;   &lt;PROSPECT.USERID_ADD&gt;JBK430&lt;/PROSPECT.USERID_ADD&gt;   &lt;PROSPECT.FAMILYLINKTYPE&gt;U&lt;/PROSPECT.FAMILYLINKTYPE&gt;   &lt;PROSPECT.RECORDTYPE&gt;I&lt;/PROSPECT.RECORDTYPE&gt;   &lt;PROSPECT.GREETINGPREF&gt;S&lt;/PROSPECT.GREETINGPREF&gt;   &lt;PROSPECT.GREETING&gt;Doe&lt;/PROSPECT.GREETING&gt;   &lt;PROSPECT.CORPORATELINKTYPE&gt;U&lt;/PROSPECT.CORPORATELINKTYPE&gt;   &lt;PROSPECT.CT_ACCESS&gt;Y&lt;/PROSPECT.CT_ACCESS&gt;   &lt;PROSPECT.ANONYMOUS&gt;N&lt;/PROSPECT.ANONYMOUS&gt;   &lt;PROSPECT.ISUNIT&gt;N&lt;/PROSPECT.ISUNIT&gt;   &lt;PROSPECT.FREQUENCYTYPE&gt;O&lt;/PROSPECT.FREQUENCYTYPE&gt;   &lt;PROSPECT.JANUARY&gt;N&lt;/PROSPECT.JANUARY&gt;   &lt;PROSPECT.FEBRUARY&gt;N&lt;/PROSPECT.FEBRUARY&gt;   &lt;PROSPECT.MARCH&gt;N&lt;/PROSPECT.MARCH&gt;   &lt;PROSPECT.APRIL&gt;N&lt;/PROSPECT.APRIL&gt;   &lt;PROSPECT.MAY&gt;N&lt;/PROSPECT.MAY&gt;</pre>		

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```
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<PROSPECT.JULY>N</PROSPECT.JULY>
<PROSPECT.AUGUST>N</PROSPECT.AUGUST>
<PROSPECT.SEPTEMBER>N</PROSPECT.SEPTEMBER>
<PROSPECT.OCTOBER>N</PROSPECT.OCTOBER>
<PROSPECT.NOVEMBER>N</PROSPECT.NOVEMBER>
<PROSPECT.DECEMBER>N</PROSPECT.DECEMBER>
<PROSPECT.BILLFLAG>Y</PROSPECT.BILLFLAG>
- <ADDRESS>
- <ROWSET>
- <DETAIL>
- <ADDRESS.TIMESTAMP>2005-10-18</ADDRESS.TIMESTAMP>
<ADDRESS.LINE1>5802 Transit Road</ADDRESS.LINE1>
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<ADDRESS.DELIVERY_LINE>1</ADDRESS.DELIVERY_LINE>
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<ADDRESS.USERID_CHANGE>BLN431</ADDRESS.USERID_CHANGE>
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  </DETAIL>
  </ROWSET>
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- <EMAIL>
- <ROWSET>
- <DETAIL>
- <EMAIL.PREFERENCE>Y</EMAIL.PREFERENCE>
<EMAIL.TIMESTAMP>2006-09-06</EMAIL.TIMESTAMP>
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<EMAIL.TRANSNUM>268</EMAIL.TRANSNUM>
<EMAIL.ATYPE>O</EMAIL.ATYPE>
<EMAIL.EMAIL>email@anyoffice.com</EMAIL.EMAIL>
<EMAIL.DELIVERABLE>Y</EMAIL.DELIVERABLE>
```

# API Inquiry: `get_preferredprospect`

	<pre> &lt;EMAIL.IDNUMBER&gt;340307&lt;/EMAIL.IDNUMBER&gt; &lt;EMAIL.FORMAT_PREF&gt;B&lt;/EMAIL.FORMAT_PREF&gt; &lt;EMAIL.ALLOW_ATTACH&gt;N&lt;/EMAIL.ALLOW_ATTACH&gt; &lt;EMAIL.SEASONAL&gt;N&lt;/EMAIL.SEASONAL&gt;   &lt;/DETAIL&gt; &lt;/ROWSET&gt; &lt;/EMAIL&gt; - &lt;PHONE&gt; - &lt;ROWSET&gt; - &lt;DETAIL&gt; - &lt;PHONE.IDNUMBER&gt;340307&lt;/PHONE.IDNUMBER&gt;   &lt;PHONE.PHONE&gt;123-1234&lt;/PHONE.PHONE&gt;   &lt;PHONE.AREACODE&gt;123&lt;/PHONE.AREACODE&gt;   &lt;PHONE.PTYPE&gt;H&lt;/PHONE.PTYPE&gt;   &lt;PHONE.TIMESTAMP&gt;2006-09-06&lt;/PHONE.TIMESTAMP&gt;   &lt;PHONE.TRANSNUM&gt;12969&lt;/PHONE.TRANSNUM&gt;   &lt;PHONE.USERID_ADD&gt;TESTV440&lt;/PHONE.USERID_ADD&gt;   &lt;PHONE.PREFERENCE&gt;Y&lt;/PHONE.PREFERENCE&gt;   &lt;PHONE.SEASONAL_PHONE&gt;N&lt;/PHONE.SEASONAL_PHONE&gt;     &lt;/DETAIL&gt;   &lt;/ROWSET&gt; &lt;/PHONE&gt; &lt;/PROSPECT&gt; &lt;/GET_PREFERREDPROSPECT&gt; </pre>
<b>Additional Reading</b>	Prospect, relevant API connection documents, <code>get_fullprospect</code>
<b>Reference</b>	E430092

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Connection Pooling	<a href="http://webapps.softrek.com/api/proc?d_source=12345678&amp;scheme=GET&amp;action=get_preferredprospect&amp;&lt;attached_XML_doc&gt;">http://webapps.softrek.com/api/proc?d_source=12345678&amp;scheme=GET&amp;action=get_preferredprospect&amp;&lt;attached_XML_doc&gt;</a>
Data Access Descriptor (DAD)	<a 1.0"="" ?&gt;&lt;xmlrequest&gt;&lt;record&gt;&lt;alias&gt;alias123&lt;="" alias&gt;&lt;="" encoding="UTF-8" href="http://pm-devel/pls/testv440/apiwrap.h_traffic?scheme=GET&amp;url=128.168.0.1&amp;action=get_preferredprospect&amp;data=&lt;?xml version=" record&gt;&lt;="" xmlrequest&gt;"="">http://pm-devel/pls/testv440/apiwrap.h_traffic?scheme=GET&amp;url=128.168.0.1&amp;action=get_preferredprospect&amp;data=&lt;?xml version="1.0" encoding="UTF-8"?&gt;&lt;XMLREQUEST&gt;&lt;RECORD&gt;&lt;ALIAS&gt;ALIAS123&lt;/ALIAS&gt;&lt;/RECORD&gt;&lt;/XMLREQUEST&gt;</a>
Direct Connection	<pre>set serveroutput on;  declare vScheme varchar2(100) := 'GET'; vAction varchar2(200) := 'xml_pm.get_preferredprospect'; vURL varchar2(100) := '128.168.0.1'; vXML varchar2(10000); rval_clob CLOB; begin owa.num_cgi_vars := 0; vXML := '&lt;?xml version="1.0" encoding="UTF-8"?&gt;'    CHR(10)    ' &lt;XMLREQUEST&gt;'    CHR(10)    ' &lt;RECORD&gt;'    CHR(10)    ' &lt;ALIAS&gt;ALIAS123&lt;/ALIAS&gt;'    CHR(10)    ' &lt;/RECORD&gt;'    CHR(10)    ' &lt;/XMLREQUEST&gt;'; rval_clob := NULL; apiwrap.all_traffic(vScheme, vAction, vURL, vXML, rval_clob); IF (rval_clob IS NOT NULL) THEN dbms_output.put_line(substr(rval_clob,1,200)); dbms_output.put_line(substr(rval_clob,201,200)); dbms_output.put_line(substr(rval_clob,401,200)); dbms_output.put_line(substr(rval_clob,601,200)); dbms_output.put_line(substr(rval_clob,801,200)); END IF; end;</pre>