Чеснаков Кирилл 751002 Вариант 8

```sql
CREATE PROCEDURE dbo.ConvertFromXML
@xml XML
AS
(SELECT AddressID = node.value('@ID', 'INT'), City = node.value('City[1]', 'NVARCHAR(30)'),
        StateProvinceID = node.value('Province[1]/@ID', 'INT'),
        CountryRegionCode = node.value('Province[1]/Region[1]', 'NVARCHAR(3)')
 FROM @xml.nodes('/Addresses/Address') AS xml(node))


DECLARE @xml XML;

SELECT @xml = (SELECT AddressID as '@ID', City, Address.StateProvinceID as 'Province/@ID',
               StateProvince.CountryRegionCode as 'Province/Region' FROM Person.Address as Address
               INNER JOIN Person.StateProvince as StateProvince
               ON Address.StateProvinceID = StateProvince.StateProvinceID
FOR XML PATH('Address'), ROOT('Addresses'), ELEMENTS);

SELECT @xml;

EXECUTE dbo.ConvertFromXML @xml
```

100 %

Results | Messages

	(No column name)
1	<Addresses><Address ID="532"><City>Ottawa</City>...

	Address...	City	StateProvinc...	CountryRegionCo...
1	532	Ottawa	57	CA
2	497	Burnaby	7	CA
3	29781	Dunkerque	145	FR
4	24231	Verrieres Le Buisson	177	FR
5	19637	Verrieres Le Buisson	177	FR
6	15671	Saint-Denis	179	FR
7	13079	Seattle	79	US

Query executed successfully.   LAPTOP-H84PO7E9\SQLEXPRESS | LAPTOP-H84PO7E9\Asus (53) | AdventureWorks2012 | 00:00:02 | 19615 rows

```xml
<Addresses>
  <Address ID="532">
    <City>Ottawa</City>
    <Province ID="57">
      <Region>CA</Region>
    </Province>
  </Address>
  <Address ID="497">
    <City>Burnaby</City>
    <Province ID="7">
      <Region>CA</Region>
    </Province>
  </Address>
  <Address ID="29781">
    <City>Dunkerque</City>
    <Province ID="145">
      <Region>FR</Region>
    </Province>
  </Address>
  <Address ID="24231">
    <City>Verrieres Le Buisson</City>
    <Province ID="177">
      <Region>FR</Region>
    </Province>
  </Address>
  <Address ID="19637">
    <City>Verrieres Le Buisson</City>
    <Province ID="177">
      <Region>FR</Region>
    </Province>
  </Address>
  <Address ID="15671">
    <City>Saint-Denis</City>
    <Province ID="179">
      <Region>FR</Region>
    </Province>
  </Address>
  <Address ID="13079">
```