

# Comware V7 OBP NETCONF XML API Data Reference

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# OBJP

## OBJP/IPv4Policies

This table contains IPv4 security zone pair object policy information.

### XML structure

```
<OBJP>
  <IPv4Policies>
    <Policy>
      <SrcZone></SrcZone>
      <DestZone></DestZone>
      <RuleNum></RuleNum>
    </Policy>
  </IPv4Policies>
</OBJP>
```

### Table description

| Item         | Description          |
|--------------|----------------------|
| Feature name | OBJP                 |
| Table name   | IPv4Policies         |
| Table type   | Multi-instance table |
| Row name     | Policy               |
| Restrictions | None                 |

### Columns

| Column name | Column description           | Column type | Data type and restrictions                               |
|-------------|------------------------------|-------------|----------------------------------------------------------|
| SrcZone     | Name of the source zone      | Index       | String, case insensitive.<br>Length: 1 to 31 characters. |
| DestZone    | Name of the destination zone | Index       | String, case insensitive.<br>Length: 1 to 31 characters. |
| RuleNum     | Number of rules              | N/A         | Unassigned integer.                                      |

## OBJP/IPv4Rules

This table contains IPv4 security zone pair object policy rule information.

## XML structure

```
<OBJP>
  <IPv4Rules>
    <Rule>
      <SrcZone></SrcZone>
      <DestZone></DestZone>
      <ID></ID>
      <Action></Action>
      <SrcIPv4Group></SrcIPv4Group>
      <DestIPv4Group></DestIPv4Group>
      <ServGroup></ServGroup>
      <VRF></VRF>
      <TimeRange></TimeRange>
      <TimeRangeState></TimeRangeState>
      <Enable></Enable>
      <Log></Log>
      <Comment></Comment>
      <Counting></Counting>
      <Count></Count>
    </Rule>
  </IPv4Rules>
</OBJP>
```

## Table description

| Item         | Description          |
|--------------|----------------------|
| Feature name | OBJP                 |
| Table name   | IPv4Rules            |
| Table type   | Multi-instance table |
| Row name     | Rule                 |
| Restrictions | None                 |

## Columns

| Column name | Column description           | Column type | Data type and restrictions                               |
|-------------|------------------------------|-------------|----------------------------------------------------------|
| SrcZone     | Name of the source zone      | Index       | String, case insensitive.<br>Length: 1 to 31 characters. |
| DestZone    | Name of the destination zone | Index       | String, case insensitive.<br>Length: 1 to 31 characters. |
| ID          | Rule ID                      | Index       | Unassigned integer.<br>Value range: 0 to 65534.          |

| Column name    | Column description                                | Column type | Data type and restrictions                                                                                                    |
|----------------|---------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| Action         | Action for the rule                               | N/A         | Enumeration:<br><ul style="list-style-type: none"> <li>• <b>1</b>—Deny.</li> <li>• <b>2</b>—Permit.</li> </ul>                |
| SrcIPv4Group   | Name of the source IPv4 address object group      | N/A         | String.<br>Length: 1 to 31 characters.                                                                                        |
| DestIPv4Group  | Name of the destination IPv4 address object group | N/A         | String.<br>Length: 1 to 31 characters.                                                                                        |
| ServGroup      | Name of the service object group                  | N/A         | String.<br>Length: 1 to 31 characters.                                                                                        |
| VRF            | VRF name                                          | N/A         | String.<br>Length: 1 to 31 characters.                                                                                        |
| TimeRange      | Name of the time range                            | N/A         | String.<br>Length: 1 to 32 characters.                                                                                        |
| TimeRangeState | Status of the time range                          | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Effective.</li> <li>• <b>false</b>—Not effective.</li> </ul> |
| Enable         | Whether the rule is enabled                       | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Log            | Whether logging is enabled                        | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Counting       | Whether counting is enabled.                      | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Comment        | Description                                       | N/A         | String.<br>Length: 1 to 127 characters.                                                                                       |
| Count          | Count of matches                                  | N/A         | Unassigned integer.<br>Value range: 0 to 2 <sup>64</sup> −1.                                                                  |

## OBJP/IPv6Policies

This table contains IPv6 security zone pair object policy information.

### XML structure

```
<OBJP>
  <IPv6Policies>
    <Policy>
```

```

        <SrcZone></SrcZone>
        <DestZone></DestZone>
        <RuleNum></RuleNum>
    </Policy>
</IPv6Policies>
</OBJP>

```

## Table description

| Item         | Description          |
|--------------|----------------------|
| Feature name | OBJP                 |
| Table name   | IPv6Policies         |
| Table type   | Multi-instance table |
| Row name     | Policy               |
| Restrictions | None                 |

## Columns

| Column name | Column description           | Column type | Data type and restrictions             |
|-------------|------------------------------|-------------|----------------------------------------|
| SrcZone     | Name of the source zone      | Index       | String.<br>Length: 1 to 31 characters. |
| DestZone    | Name of the destination zone | Index       | String.<br>Length: 1 to 31 characters. |
| RuleNum     | Number of rules              | N/A         | Unassigned integer.                    |

## OBJP/IPv6Rules

This table contains IPv6 security zone pair object policy rule information.

## XML structure

```

<OBJP>
  <IPv6Rules>
    <Rule>
      <SrcZone></SrcZone>
      <DestZone></DestZone>
      <ID></ID>
      <Action></Action>
      <SrcIPv6Group></SrcIPv6Group>
      <DestIPv6Group></DestIPv6Group>
      <ServGroup></ServGroup>
      <VRF></VRF>
    </Rule>
  </IPv6Rules>
</OBJP>

```

```

    <TimeRange></TimeRange>
    <TimeRangeState></TimeRangeState>
    <Enable></Enable>
    <Log></Log>
    <Counting></Counting>
    <Comment></Comment>
    <Count></Count>
  </Rule>
</IPv6Rules>
</OBJP>

```

## Table description

| Item         | Description          |
|--------------|----------------------|
| Feature name | OBJP                 |
| Table name   | IPv6Rules            |
| Table type   | Multi-instance table |
| Row name     | Rule                 |
| Restrictions | None                 |

## Columns

| Column name   | Column description                                | Column type | Data type and restrictions                                                                |
|---------------|---------------------------------------------------|-------------|-------------------------------------------------------------------------------------------|
| SrcZone       | Name of the source zone                           | Index       | String.<br>Length: 1 to 31 characters.                                                    |
| DestZone      | Name of the destination zone                      | Index       | String.<br>Length: 1 to 31 characters.                                                    |
| ID            | Rule ID                                           | Index       | Unassigned integer.<br>Value range: 0 to 65534.                                           |
| Action        | Action for the rule                               | N/A         | Enumeration: <ul style="list-style-type: none"> <li>1—Deny.</li> <li>2—Permit.</li> </ul> |
| SrcIPv6Group  | Name of the source IPv6 address object group      | N/A         | String.<br>Length: 1 to 31 characters.                                                    |
| DestIPv6Group | Name of the destination IPv6 address object group | N/A         | String.<br>Length: 1 to 31 characters.                                                    |
| ServGroup     | Name of the service object group                  | N/A         | String.<br>Length: 1 to 31 characters.                                                    |
| VRF           | VRF name                                          | N/A         | String.<br>Length: 1 to 31 characters.                                                    |

| Column name    | Column description           | Column type | Data type and restrictions                                                                                                    |
|----------------|------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| TimeRange      | Name of the time range       | N/A         | String.<br>Length: 1 to 32 characters.                                                                                        |
| TimeRangeState | Status of the time range     | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Effective.</li> <li>• <b>false</b>—Not effective.</li> </ul> |
| Enable         | Whether the rule is enabled  | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Log            | Whether logging is enabled   | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Counting       | Whether counting is enabled. | N/A         | Boolean:<br><ul style="list-style-type: none"> <li>• <b>true</b>—Enabled.</li> <li>• <b>false</b>—Not enabled.</li> </ul>     |
| Comment        | Description                  | N/A         | String.<br>Length: 1 to 127 characters.                                                                                       |
| Count          | Count of matches             | N/A         | Unassigned integer.<br>Value range: 0 to $2^{64} - 1$ .                                                                       |