

Load-Balancing Descriptor Element

A load-balancing element determines the [load balancing](#) policy used by a [replica group](#).

This element may only appear as a child of a [replica-group](#) element.

The following attributes are supported:

Attribute	Description	Required
load-sample	Specifies the load sample to use for the adaptive load balancing policy. It can only be defined if type is set to adaptive. Legal values are 1, 5 and 15. If not specified, the load sample default value is 1.	No
n-replicas	Specifies the maximum number of replicas used to compute the endpoints of the replica group. If not specified, the default value is 1.	No
type	Specifies the type of load balancing. Legal values are adaptive, ordered, round-robin and random.	Yes

Here is an example to demonstrate the use of this element:

XML

```
<application name="MyApp">
  <replica-group id="ReplicatedAdapter">
    <load-balancing type="adaptive" load-sample="15" n-replicas="3"/>
    <description>A description of this replica group.</description>
    <object identity="WellKnownObject" .../>
  </replica-group>
  ...
</application>
```

See Also

- [Load Balancing](#)
- [Object Adapter Replication](#)
- [Replica-Group Descriptor Element](#)