Oracle® Fusion Middleware
RESTful Domain Runtime Reference for Oracle WebLogic Server
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This reference describes the RESTful domain runtime resources that are used to manage WebLogic Server.
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<td>weblogic.management.runtime.TaskRuntimeMBean</td>
<td>2-36</td>
</tr>
<tr>
<td>weblogic.management.runtime.WorkflowTaskRuntimeMBean</td>
<td>2-37</td>
</tr>
<tr>
<td>weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean</td>
<td>2-40</td>
</tr>
</tbody>
</table>
Preface

This preface describes the document accessibility features and conventions used in this guide, RESTful Domain Runtime Reference for Oracle WebLogic Server.

Documentation Accessibility

For information about Oracle’s commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Conventions

The following text conventions are used in this document:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><em>italic</em></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td><code>monospace</code></td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
</table>
This documentation describes the Oracle WebLogic Server RESTful domain runtime resources that are used to monitor the entire WLS domain.

For a complete listing of the WLS REST reference documents and descriptions of their use, see *Administering Oracle WebLogic Server with RESTful Management Services*. 
This resource is used to access different versions (if applicable) of the resources that are in this domain.

There are two versions: 12.2.1.0 (deprecated) and latest, where latest is another name for 12.2.1.1.0. For future releases, latest always refers to the most recent release.

All new MBean features have been added to the 12.2.1.1.0 and the 12.2.1.0 REST resources. Any MBean features that were deprecated in 12.2.1.1.0, will still be available using the 12.2.1.0 REST URLs, but not the 12.2.1.1.0 REST URLs.

To always use the latest resources, make sure to use latest in the URLs. Note that this might require updating a client when moving to a newer version of WebLogic Server.

To fix the version so that an update is not required, use 12.2.1.1.0 in the URLs.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.rest.bean.model.Version` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.rest.bean.model.Version` entities.

This method can return the following links:

- **uri**=/management/weblogic rel=canonical
  - This resource.
- **uri**=/management/weblogic/12.2.1.0 rel=current
  - Access the latest version of the WLS resources in the this domain.
- **uri**=/management/weblogic rel=self
  - This resource.

Example

**Example 1 View the versions collection.**

This example uses the GET method to display the version instances in this collection.

Example Request

```bash
curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
```

Example Response

```http
HTTP/1.1 200 OK
```

Response Body:

```json
{
  'links': [
    {
      'rel': 'self',
      'href': "http://localhost:7001/management/weblogic"
    },
    {
      'rel': 'canonical',
      'href': "http://localhost:7001/management/weblogic"
    },
    {
      'rel': 'current',
      'href': "http://localhost:7001/management/weblogic/12.2.1.0"
    }
  ],
  'items': [{
    'links': [
```
GET

{  
  'rel': 'self',  
  'href': 'http://localhost:7001/management/12.2.1.0'
},

{  
  'rel': 'canonical',  
  'href': 'http://localhost:7001/management/12.2.1.0'
}

},

'version': '12.2.1.0',
'isLatest': true,
'lifecycle': 'active'

}
This resource describes the resource trees that are used to manage a WebLogic Server domain and its managed servers. The resource trees mimic the bean trees in WLST and allow you to view and edit configuration and monitor runtime behavior.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.rest.bean.model.Version` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.rest.bean.model.Version` entity.

This method can return the following links:

- `uri=/management/weblogic/{version} rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/currentUser rel=currentUser`

- `uri=/management/weblogic/{version}/domainConfig rel=domainConfig`

- `uri=/management/weblogic/{version}/domainRuntime rel=domainRuntime`

- `uri=/management/weblogic/{version}/edit rel=edit`

- `uri=/management/weblogic rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version} rel=self`
  
  This resource.

- `uri=/management/weblogic/{version}/serverConfig rel=serverConfig`

- `uri=/management/weblogic/{version}/serverRuntime rel=serverRuntime`

Example

**Example 1  View the latest version.**

This example uses the GET method to display the latest version.

Example Request

```bash
curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
```

Example Response

HTTP/1.1 200 OK

Response Body:

```json
{
  "links": [ 
    {
      "rel": "parent",
      "href": "http://localhost:7001/management/weblogic"
    },
```
Example 2  View a specific version.
This example uses the GET method to display a specific version.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-X GET http://localhost:7001/management/weblogic/12.2.1.0

Example Response

HTTP/1.1 200 OK

Response Body:
{
  "links": [
    
    
  ]
}
GET

{
  "rel": 'parent',
  "href": "http:\//localhost:7001/management/weblogic"
},
{
  "rel": 'self',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0"
},
{
  "rel": 'canonical',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0"
},
{
  "rel": 'edit',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/edit"
},
{
  "rel": 'domainConfig',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/domainConfig"
},
{
  "rel": 'domainRuntime',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/domainRuntime"
},
{
  "rel": 'serverRuntime',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/serverRuntime"
},
{
  "rel": 'serverConfig',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/serverConfig"
},
{
  "rel": 'currentUser',
  "href": "http:\//localhost:7001/management/weblogic/12.2.1.0/currentUser"
}
]
"version": "12.2.1.0",
"isLatest": true,
"lifecycle": "active"}
/management/weblogic/{version}/currentUser

This resource represents an authenticated user in the domain.
The resource supports the following methods:

- GET
GET

Get this `weblogic.management.rest.bean.model.CurrentUser` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.rest.bean.model.CurrentUser` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/currentUser rel=canonical`
  This resource.
- `uri=/management/weblogic/{version} rel=parent`
  The parent resource of this resource.
- `uri=/management/weblogic/{version}/currentUser rel=self`
  This resource.

Example

**Example 1  Viewing the weblogic.management.rest.bean.model.CurrentUser Instance**

This example uses the GET method to view this `weblogic.management.rest.bean.model.CurrentUser` instance.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \

Example Response

HTTP/1.1 200 OK

Response Body:

```json
{
  "links": [ 
  {
    "rel": "parent",
    "href": "http://localhost:7001/management/weblogic/latest"
  },
  {
    "rel": "self",
  },
  {
    "rel": "canonical",
  }
}
```
},
  'partitionId': '0',
  'partitionName': "DOMAIN",
  'user': 'admin'
}
This resource is used to monitor the entire WebLogic Server domain. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.DomainRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.DomainRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/SNMPAgentRuntime rel=SNMPAgentRuntime`
  This resource’s SNMPAgentRuntime singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/forceShutdownPartitionWait rel=action title=forceShutdownPartitionWait`
  This resource’s forceShutdownPartitionWait action resource.

- `uri=/management/weblogic/{version}/domainRuntime/restartSystemResource rel=action title=restartSystemResource`
  This resource’s restartSystemResource action resource.

- `uri=/management/weblogic/{version}/domainRuntime/startPartitionWait rel=action title=startPartitionWait`
  This resource’s startPartitionWait action resource.

- `uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime rel=appRuntimeStateRuntime`
  This resource’s appRuntimeStateRuntime singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/batchJobRepositoryRuntime rel=batchJobRepositoryRuntime`
  This resource’s batchJobRepositoryRuntime singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/consoleRuntime rel=consoleRuntime`
  This resource’s consoleRuntime singleton resource.

- `rel=currentDomainPartitionRuntime`
  This resource’s currentDomainPartitionRuntime reference to a `weblogic.management.runtime.DomainPartitionRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager rel=deploymentManager`
  This resource’s deploymentManager singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes rel=domainPartitionRuntimes`
This resource's domainPartitionRuntimes collection resource.

- **uri**=/management/weblogic/[version]/domainRuntime/editSessionConfigurationManager
  rel=editSessionConfigurationManager
  This resource's editSessionConfigurationManager singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/elasticServiceManagerRuntime
  rel=elasticServiceManagerRuntime
  This resource's elasticServiceManagerRuntime singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/logRuntime
  rel=logRuntime
  This resource's logRuntime singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/messageDrivenControlEJBRuntime
  rel=messageDrivenControlEJBRuntime
  This resource's messageDrivenControlEJBRuntime singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/migratableServiceCoordinatorRuntime
  rel=migratableServiceCoordinatorRuntime
  This resource's migratableServiceCoordinatorRuntime singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/migrationDataRuntimes
  rel=migrationDataRuntimes
  This resource's migrationDataRuntimes collection resource.

- **uri**=/management/weblogic/[version]/domainRuntime/nodeManagerRuntimes
  rel=nodeManagerRuntimes
  This resource's nodeManagerRuntimes collection resource.

- **uri**=/management/weblogic/[version]/domainRuntime/policySubjectManagerRuntime
  rel=policySubjectManagerRuntime
  This resource's policySubjectManagerRuntime singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/resourceGroupLifeCycleRuntimes
  rel=resourceGroupLifeCycleRuntimes
  This resource's resourceGroupLifeCycleRuntimes collection resource.

- **uri**=/management/weblogic/[version]/domainRuntime/rolloutService
  rel=rolloutService
  This resource's rolloutService singleton resource.

- **uri**=/management/weblogic/[version]/domainRuntime/search
  rel=search
  This resource's search resource.

- **uri**=/management/weblogic/[version]/domainRuntime
  rel=self
  This resource.

- **uri**=/management/weblogic/[version]/domainRuntime/serverLifeCycleRuntimes
  rel=serverLifeCycleRuntimes
  This resource's serverLifeCycleRuntimes collection resource.
Example

Example 1  Viewing the weblogic.management.runtime.DomainRuntimeMBean Instance
This example uses the GET method to view this weblogic.management.runtime.DomainRuntimeMBean instance.

Example Request

curl -v \
--user admin:admin123 \ 
-H X-Requested-By:MyClient \ 
-H Accept:application/json \ 

Example Response

HTTP/1.1 200 OK

Response Body:
{
  'links': [{
    'rel': 'self',
    'href': 'http://localhost:7001/management/weblogic/latest/domainRuntime'
  }],
  'activationTime': '2015-08-14T00:25:21.830-04'
}
This resource manages a `weblogic.management.runtime.AppRuntimeStateRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this weblogic.management.runtime.AppRuntimeStateRuntimeMBean instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a weblogic.management.runtime.AppRuntimeStateRuntimeMBean entity.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getCurrentState rel=action title=getCurrentState
  This resource’s getCurrentState action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getIntendedState rel=action title=getIntendedState
  This resource’s getIntendedState action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getModuleIds rel=action title=getModuleIds
  This resource’s getModuleIds action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getModuleTargets rel=action title=getModuleTargets
  This resource’s getModuleTargets action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getModuleType rel=action title=getModuleType
  This resource’s getModuleType action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getRetireTimeMillis rel=action title=getRetireTimeMillis
  This resource’s getRetireTimeMillis action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getRetireTimeoutSeconds rel=action title=getRetireTimeoutSeconds
  This resource’s getRetireTimeoutSeconds action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getSubmoduleIds rel=action title=getSubmoduleIds
  This resource’s getSubmoduleIds action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/isActiveVersion rel=action title=isActiveVersion
  This resource’s isActiveVersion action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/isAdminMode rel=action title=isAdminMode
  This resource’s isAdminMode action resource.

- uri=/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime rel=canonical
This resource.

- **uri**= /management/weblogic/{version}/domainRuntime rel=parent
  The parent resource of this resource.

- **uri**= /management/weblogic/{version}/domainRuntime/appRuntimeState.Runtime
  rel=self
  This resource.
/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getCurrentState

The resource supports the following methods:

- **POST**
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Aggregate state for the application. This is defined as the most advanced state of the application's modules on the named target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - appid
  - Type: string
- **target**
  - logical target where the app is deployed
  - Type: string

Response Body

Contains a JSON object with a string return field.

POST

Aggregate state for the module. This is defined as the most advanced state of the module on all servers associated with the named target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - appid
  - Type: string
- **moduleid**
  - moduleid
  - Type: string
target
logical target where module is deployed
Type: string

Response Body
Contains a JSON object with a string return field.

POST
Aggregate state for a submodule. This is defined as the most advanced state of the submodule on all servers associated with the named target.

Roles
Admin, Deployer, Monitor, Operator

Request Body
Must contain a JSON object with the following fields:
appid
appid
Type: string
moduleid
moduleid
Type: string
subModuleId
subModuleId
Type: string
target
logical target where module is deployed
Type: string

Response Body
Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getIntendedState

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

The state the application should be in.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

Response Body

Contains a JSON object with a string return field.

POST

The state the application should be in on a specific target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

target
target
Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Names of the modules contained in the application. This does not include submodules.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

appid

Type: string

Response Body

Contains a JSON object with a array of string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:
- POST
- POST

POST

Logical targets where the submodule is deployed.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - appid
  - **Type**: string
- **moduleid**
  - moduleid
  - **Type**: string
- **subModuleId**
  - subModuleId
  - **Type**: string

Response Body

Contains a JSON object with a array of string return field.

POST

Logical targets where the module is deployed.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - appid
  - **Type**: string
- **moduleid**
  - moduleid
  - **Type**: string
**Response Body**

Contains a JSON object with a array of string return field.
/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/getModuleType

The resource supports the following methods:

- POST
POST

Indicates the type of module: EAR, WAR, etc.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
Type: string

moduleid
Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The time when the application will be retired.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid

Type: string

Response Body

Contains a JSON object with a long return field.
The resource supports the following methods:

- POST
POST

The amount of time the application is given to retire.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid

Type: string

Response Body

Contains a JSON object with a int return field.
The resource supports the following methods:

- POST
POST

Submodules associated with this module.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

moduleid
moduleid
Type: string

Response Body

Contains a JSON object with a array of string return field.
The resource supports the following methods:

- POST
POST

Indicates if the application is the active version, the one that new sessions will use.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
is the application id

Type: string

Response Body

Contains a JSON object with a boolean return field.
/management/weblogic/{version}/domainRuntime/appRuntimeStateRuntime/isAdminMode

The resource supports the following methods:

- POST
POST

Indicates if the application should only be available through the administration port. This is the desired state of the application.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

**appid**

is the application id

Type: string

**target**

target

Type: string

Response Body

Contains a JSON object with a boolean return field.
This resource manages a `weblogic.management.runtime.BatchJobRepositoryRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.BatchJobRepositoryRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.BatchJobRepositoryRuntimeMBean` entity. This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/batchJobRepositoryRuntimeMBean` **rel**=canonical
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime` **rel**=parent
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/batchJobRepositoryRuntimeMBean` **rel**=self
  This resource.
/management/weblogic/{version}/domainRuntime/consoleRuntime

This resource manages a weblogic.management.runtime.ConsoleRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.ConsoleRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ConsoleRuntimeMBean` entity.

This method can return the following links:

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime/getDefaultPageURL rel=action title=getDefaultPageURL**
  
  This resource’s `getDefaultPageURL` action resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime/getDefaultPageURLs rel=action title=getDefaultPageURLs**
  
  This resource’s `getDefaultPageURLs` action resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime/getObjectNameContext rel=action title=getObjectNameContext**
  
  This resource’s `getObjectNameContext` action resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime/getSpecificPageURL rel=action title=getSpecificPageURL**
  
  This resource’s `getSpecificPageURL` action resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime/getSpecificPageURLs rel=action title=getSpecificPageURLs**
  
  This resource’s `getSpecificPageURLs` action resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime rel=canonical**
  
  This resource.

- **uri=/management/weblogic/{version}/domainRuntime rel=parent**
  
  The parent resource of this resource.

- **uri=/management/weblogic/{version}/domainRuntime/consoleRuntime rel=self**
  
  This resource.
/management/weblogic/{version}/domainRuntime/consoleRuntime/getDefaultPageURL

The resource supports the following methods:

- POST
POST

Gets the URL for the default page of an object. You can optionally specify the kind of default page (e.g. configuration or monitoring). For example, use this method to get a WLS cluster's default page's URL. Use this method when possible since it isolates the caller from the specific console page labels. This method does not check whether the page exists. To find out, use the URL and see if it works.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

context
Identifies the object the page should display or manage. Most pages display or manage WLS mbeans (such as a server or cluster). For them, call "getObjectNameContext", passing in the JMX object name, to get the context to pass to this method. See the console programmers' guide for more information on contexts.

Type: array of string

perspective
Specifies which kind of default page to return (e.g. configuration or monitoring). Pass in null to get the default page for the object. See the console programmers' guide for more information on perspectives.

Type: string

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/consoleRuntime/getDefaultPageURLs

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Gets the URLs for the default pages for a set of objects. This method works exactly like `getDefaultPageURL`, except that it lets you get the URLs for a set of pages in one JMX call (to increase network performance).

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **contexts**
  An array of contexts identifying the object each page should display or manage.
  Type: array of array of string

- **perspectives**
  An array of perspectives identifying which kind of default page to return for each object.
  Type: array of string

Response Body

Contains a JSON object with a array of string return field.

POST

Gets the URLs for the default pages for a set of objects. This method works exactly like `getDefaultPageURL`, except that it lets you get the URLs for a set of pages in one JMX call (to increase network performance).

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **contexts**
  An array of contexts identifying the object each page should display or manage.
  Type: array of array of string

- **perspective**
  Specifies which kind of default page to return for all of the pages.
  Type: string
Response Body

Contains a JSON object with an array of string return field.
The resource supports the following methods:

- POST
POST

Gets a context for a WLS mbean. This method does not check whether the mbean exists. The results of this method are usually passed into getDefaultPageURL or getSpecificPageURL.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **objectName**
  - the JMX object name of a WLS mbean
  - Type: string

Response Body

Contains a JSON object with a array of string return field.
The resource supports the following methods:

- POST
POST

GETS the URL for a specific console page. For example, use this method to get a WLS server's SSL configuration page's URL or the servers table page's URL. Note: WLS reserves the right to change its portal page names in future releases. Therefore, customers are advised to use "getDefaultPageURL" if possible so that they'll be isolated from these kinds of changes. This method does not check whether the page exists. To find out, use the URL and see if it works.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **page**
  The portal page label of the desired console page.
  **Type:** string

- **context**
  Identifies the object the page should display or manage. Most pages display or manage WLS mbeans (such as a server or cluster). For them, call "getObjectNameContext", passing in the JMX object name, to get the context to pass to this method. See the console programmers' guide for more information on contexts.
  **Type:** array of string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Gets the URLs for a set of specific console page. This method works exactly like getSpecificPageURL, except that it lets you get the URLs for a set of pages in one JMX call (to increase network performance).

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

page
The portal page label of the desired console pages.
Type: string

contexts
An array of contexts identifying the object each page should display or manage.
Type: array of array of string

Response Body

Contains a JSON object with a array of string return field.

POST

Gets the URLs for a set of specific console pages. This method works exactly like getSpecificPageURL, except that it lets you get the URLs for a set of pages in one JMX call (to increase network performance).

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

pages
An array of portal page labels of the desired console pages.
Type: array of string

contexts
An array of contexts identifying the object each page should display or manage.
Type: array of array of string
**Response Body**

Contains a JSON object with an array of string return fields.
/management/weblogic/{version}/domainRuntime/deploymentManager

This resource manages a weblogic.management.runtime.DeploymentManagerMBean instance.

The resource supports the following methods:

- GET
GET

Get this weblogic.management.runtime.DeploymentManagerMBean instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a weblogic.management.runtime.DeploymentManagerMBean entity.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appendToExtensionLoader rel=action title=appendToExtensionLoader
  This resource’s appendToExtensionLoader action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/confirmApplicationName rel=action title=confirmApplicationName
  This resource’s confirmApplicationName action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploy rel=action title=deploy
  This resource’s deploy action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/distribute rel=action title=distribute
  This resource’s distribute action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/purgeCompletedDeploymentProgressObjects rel=action title=purgeCompletedDeploymentProgressObjects
  This resource’s purgeCompletedDeploymentProgressObjects action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/redeploy rel=action title=redeploy
  This resource’s redeploy action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/undeploy rel=action title=undeploy
  This resource’s undeploy action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/update rel=action title=update
  This resource’s update action resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes rel=appDeploymentRuntimes
  This resource’s appDeploymentRuntimes collection resource.

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager rel=canonical
  This resource.
- **uri**=`/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects rel=deploymentProgressObjects`
  This resource's deploymentProgressObjects collection resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes rel=libDeploymentRuntimes`
  This resource's libDeploymentRuntimes collection resource.

- **uri**=`/management/weblogic/{version}/domainRuntime rel=parent`
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/deploymentManager rel=self`
  This resource.
This resource manages a collection of
weblogic.management.runtime.AppDeploymentRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.AppDeploymentRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.AppDeploymentRuntimeMBean` entities.

This method can return the following links:

- `uri=`/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes rel=canonical
  - This resource.

- `uri=`/management/weblogic/{version}/domainRuntime/deploymentManager rel=parent
  - The parent resource of this resource.

- `uri=`/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes rel=self
  - This resource.
This resource manages a weblogic.management.runtime.AppDeploymentRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.AppDeploymentRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.AppDeploymentRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/getState` rel=action title=getState
  This resource's `getState` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/redeploy` rel=action title=redeploy
  This resource's `redeploy` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/start` rel=action title=start
  This resource's `start` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/stop` rel=action title=stop
  This resource's `stop` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/undeploy` rel=action title=undeploy
  This resource's `undeploy` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}/update` rel=action title=update
  This resource's `update` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}` rel=canonical
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes` rel=parent
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/appDeploymentRuntimes/{name}` rel=self
  This resource.
The resource supports the following methods:

- POST
POST

The state of the application for a target. Notifications will be generated for this attribute on state changes. Valid states are those supported by the weblogic.management.runtime.AppRuntimeStateRuntimeMBean. The notification types are appdeployment.created, appdeployment.deleted, appdeployment.state.new, appdeployment.state.prepared, appdeployment.state.admin, appdeployment.state.active, appdeployment.state.retired, appdeployment.state.failed, appdeployment.state.update.pending, and appdeployment.state.unknown. The userdata is a Map where the keys are target names and the values are the application state for that target.

Roles

Admin, Deploer, Operator

Request Body

Must contain a JSON object with the following fields:

**target**
the target for the application state

_Type_: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Redeploy the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  The targets on which to redeploy the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be redeployed on all configured targets.
  Type: array of string

- **applicationPath**
  A supported Java EE application or module archive, or a root directory for the application or module. May be null.
  Type: string

- **plan**
  The deployment plan for this application. May be null.
  Type: string

- **deploymentOptions**
  Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)
  Type: java.util.Properties
Response Body
Contains a JSON object with a 
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST
Redeploy the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Deployer, Operator

Request Body
Must contain a JSON object with the following fields:

**targets**
The targets on which to redeploy the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be redeployed on all configured targets.

*Type:* array of string

**plan**
The deployment plan for this application. May be null.

*Type:* string

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys,units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

*Type:* java.util.Properties

Response Body
Contains a JSON object with a 
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST
Redeploy the application using the default options and configured targets. This is a synchronous operation that returns when the redeploy operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Deployer, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Start the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

targets
The targets on which to start the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be started on all configured targets.

Type: array of string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

Type: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Start the application using the default options and configured targets. This is a synchronous operation that returns when the start operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Deployer, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Stop the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

targets
The targets on which to stop the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be stoped on all configured targets.

Type: array of string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys,units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

Type: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Stop the application using the default options and configured targets. This is a synchronous operation that returns when the stop operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Undeploy the application using the default options and configured targets. This is a synchronous operation that returns when the undeploy operation has completed. The default options are

- clusterDeploymentTimeout: 3600000 milliseconds,
- gracefulIgnoreSessions: false,
- gracefulProductionToAdmin: false,
- retireGracefully: true,
- retireTimeout: no timeout,
- adminMode: false,
- timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Undeploy the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  The targets on which to undeploy the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be undeployed on all configured targets.

  Type: array of string
**deploymentOptions**

Allows for overriding the deployment options. If null, default options will be used. The values should all be of type `The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)`

**Type:** java.util.Properties

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

Allows for updating an application configuration using an changed deployment plan. A configuration update is equivalent to replacing the application’s deployment plan. The deployment plan is redeployed in-place. A new version of the application is not started, even if the new deployment plan has a different version.

The update succeeds only if changes to the deployment plan do not require the application to be restarted. Configuration changes in the new deployment plan must be limited to tuning the application. Changes to resource bindings causes the update to fail. Use redeploy() to apply resource binding changes to a production application.

This method targets only root modules. Module level targeting is not supported.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  represent the targets on which to update the application.
  Type: array of string

- **plan**
  The deployment plan containing the new deployment configuration information.
  Type: string

- **deploymentOptions**
  Allows for overriding the deployment options. May be null.
  Type: java.util.Properties

Response Body

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Appends a code source to the search path of the WebLogic Extension Loader, which is also referred to as the WebLogic Domain Loader. The code source file is distributed to the targets using the options specified. When the operation is complete, classes and resources in the jar file will be visible for class loading at the extension loader. Since the jar is now in place on targeted servers, the classes and resources will continue to be available even after a targeted server restarts. This is an asynchronous operation that returns immediately.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**codeSourcePath**
A jar file to add to the extension loader

*Type: string*

**targets**
The targets on which to distribute the code source. This would be server names or cluster names. If null, the code source will be distributed on all configured targets.

*Type: array of string*

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are:
- clusterDeploymentTimeout milliseconds 3600000, retireTimeout seconds -1 (no timeout), timeout milliseconds 0 (no timeout)

*Type: java.util.Properties*

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Appends a code source to the search path of the WebLogic Extension Loader, which is also referred to as the WebLogic Domain Loader. The code source file is distributed to all targets using default options. When the operation is complete, classes and resources in the jar file will be visible for class loading at the extension loader. Since the jar is now in place on targeted servers, the classes and resources will continue to be
available even after a targeted server restarts. This is an asynchronous operation that returns immediately.

**Roles**

Admin, Deployer

**Request Body**

Must contain a JSON object with the following fields:

**codeSourcePath**

A jar file to add to the extension loader

**Type:** string

**Response Body**

Contains a JSON object with a

`weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Used by the deployment subsystem to confirm an application name.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**isRedeployment**
should be true in the case where this function is called for a redeployment.
Type: boolean

**appSource**
is a the path to the application.
Type: string

**optional**
alternate app descriptor.
Type: string

**tentativeName**
The name proposed for the application (provided by the user, or through the manifest). Null if no name was specified by the user or through the manifest.
Type: string

**tentativeApplicationId**
The tentative application ID. May only be null if the application is not versioned. If tentativeName is null and the application is versioned, this should be just the version string (which includes both the implementation and specification versions).
Type: string

**deploymentOptions**
deployment options
Type: java.util.Properties

Response Body

Contains a JSON object with a string return field.

POST

Used by the deployment subsystem to confirm an application name.
Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **isRedeployment**
  should be true in the case where this function is called for a redeployment.
  
  Type: boolean

- **appSource**
  is a the path to the application.
  
  Type: string

  *optional*
  alternate application descriptor path
  
  Type: string

- **tentativeName**
  The name proposed for the application (provided by the user, or through the manifest). Null if no name was specified by the user or through the manifest.
  
  Type: string

- **tentativeApplicationId**
  The tentative application ID. May only be null if the application is not versioned. If tentativeName is null and the application is versioned, this should be just the version string (which includes both the implementation and specification versions).
  
  Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- **POST**
POST

The resource supports the following methods:

- POST
- POST

POST

A convenience method for distributing and starting an application.

The application source files and deployment plan are distributed to the deployment targets using the default options. This is a synchronous operation that returns when the deploy operation has completed. If distribution is successful, the application is then started on each of the targets. Successful deployment requires that all targets receive both the archive and deployment plan.

The default options are

- clusterDeploymentTimeout: 3600000 milliseconds
- gracefulIgnoreSessions: false
- gracefulProductionToAdmin: false
- retireGracefully: true
- retireTimeout: no timeout
- adminMode: false
- timeout: no timeout

If any modules are currently running, this method immediately restarts those modules using the newer files. Restarting modules in this manner is not the same as redeployment, because session state is not preserved for the active modules.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  The name of the application
  Type: string

- **applicationPath**
  A supported Java EE application or module archive, or a root directory for the application or module.
  Type: string

- **plan**
  The deployment plan for this application. May be null.
Type: string

Response Body
Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST
A convenience method for distributing and starting an application. The application
source files and deployment plan are distributed to the deployment targets using the
options specified. This is an asynchronous operation that returns immediately. If
distribution is successful, the application is then started on each of the targets.
Successful deployment requires that all targets receive both the archive and
deployment plan.

If any modules are currently running, this method immediately restarts those modules
using the newer files. Restarting modules in this manner is not the same as
redeployment, because session state is not preserved for the active modules.

This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles
Admin, Deployer

Request Body
Must contain a JSON object with the following fields:

name
The name of the application
Type: string

applicationPath
A supported Java EE application or module archive, or a root directory for the
application or module.
Type: string

targets
The targets on which to deploy the application. This would be server names, cluster
names, or module names in a similar format to weblogic.Deployer (i.e.
module1@server1). If null, the application will be redeployed on all configured targets.
Type: array of string

plan
The deployment plan for this application. May be null.
Type: string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used.
The values should all be of type The keys, units and default values for options are
clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean
false, gracefulProductionToAdmin boolean false, retireGracefully boolean true,
retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds
0 (no timeout)

**Type**: java.util.Properties

**Response Body**

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.
This resource manages a collection of `weblogic.management.runtime.DeploymentProgressObjectMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.DeploymentProgressObjectMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.DeploymentProgressObjectMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects rel=canonical
  This resource.
- uri=/management/weblogic/{version}/domainRuntime/deploymentManager rel=parent
  The parent resource of this resource.
- uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects rel=self
  This resource.

Example

Example 1  View the weblogic.management.runtime.DeploymentProgressObjectMBean Collection

This example uses the GET method to display the weblogic.management.runtime.DeploymentProgressObjectMBean instances in this collection.

Example Request

curl -v "
--user admin:admin123 "
-X X-Requested-By:MyClient 
-X Accept:application/json 
-X GET
http://localhost:7001/management/weblogic/latest/domainRuntime/deploymentManager/deploymentProgressObjects?fields=completed,progress,appName,operationType&links=none

Example Response

HTTP/1.1 200 OK

Response Body:

{"items": [{
  "operationType": 3,
  "appName": "fairShare",
  "progress": "success",
  "completed": true
}]}
This resource manages a 
weblogic.management.runtime.DeploymentProgressObjectMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.DeploymentProgressObjectMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.DeploymentProgressObjectMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects/{name}/cancel rel=action title=cancel`
  This resource’s cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects/{name}/getExceptions rel=action title=getExceptions`
  This resource’s getExceptions action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/deploymentProgressObjects/{name} rel=self`
  This resource.
The resource supports the following methods:

- POST
POST

Attempt to cancel the deployment operation. Any actions which have yet to start will be inhibited. Any completed actions will remain in place.

Roles

Admin, Deployer

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

If the current deployment operation has failed, this method may return zero or more exception(s) which represent the errors for this target. The array will not contain WLS exception classes; instead they will be new RuntimeExceptions containing the stack traces and messages from the original WLS Exceptions.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

target
the target where exceptions might have occurred.
Type: string

Response Body

Contains a JSON object with a array of java.lang.Throwable return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Distribute an application.

The application source files and deployment plan are distributed to the deployment targets using the default options. This is a synchronous operation that returns when the distribute operation has completed.

The default options are:

- clusterDeploymentTimeout: 3600000 milliseconds
- gracefulIgnoreSessions: false
- gracefulProductionToAdmin: false
- retireGracefully: true
- retireTimeout: no timeout
- adminMode: false,
- timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

name
The name of the application

Type: string

applicationPath
A supported Java EE application or module archive, or a root directory for the application or module.

Type: string

plan
The deployment plan for this application. May be null.

Type: string
Response Body
Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.

POST
Distribute an application. The application source files and deployment plan are
distributed to the deployment targets using the options specified. This is an
asynchronous operation that returns immediately.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles
Admin, Deployer

Request Body
Must contain a JSON object with the following fields:

name
The name of the application
Type: string

applicationPath
A supported Java EE application or module archive, or a root directory for the
application or module.
Type: string

targets
The targets on which to deploy the application. This would be server names, cluster
names, or module names in a similar format to weblogic.Deployer (i.e.
module1@server1). If null, the application will be distributed on all configured targets.
Type: array of string

plan
The deployment plan for this application. May be null.
Type: string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used.
The values should all be of type The keys, units and default values for options are
clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean
false, gracefulProductionToAdmin boolean false, retireGracefully boolean true,
retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds
0 (no timeout)
Type: java.util.Properties
Response Body

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.
This resource manages a collection of `weblogic.management.runtime.LibDeploymentRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.LibDeploymentRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.LibDeploymentRuntimeMBean` entities.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes rel=canonical
  
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/deploymentManager rel=parent
  
  The parent resource of this resource.

- **uri**=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes rel=self
  
  This resource.
This resource manages a
weblogic.management.runtime.LibDeploymentRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.LibDeploymentRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.LibDeploymentRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes/{name}/redeploy rel=action title=redeploy`
  This resource's redeploy action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes/{name}/undeploy rel=action title=undeploy`
  This resource's undeploy action resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/deploymentManager/libDeploymentRuntimes/{name} rel=self`
  This resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Redeploy the library in the background for the targets specified with the options specified. This is an synchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**targets**
The targets on which to redeploy the library. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the library will be redeployed on all configured targets.

**Type:** array of string

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The keys, units and default values for options are adminMode boolean false, timeout milliseconds 0 (no timeout)

**Type:** java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Redeploy the library using the default options and configured targets. This is a synchronous operation that returns when the redeploy operation has completed. The default options are adminMode: false, timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer
**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Undeploy the library using the default options and configured targets. This is a synchronous operation that returns when the redeploy operation has completed. The default options are adminMode boolean false timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Undeploy the library in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**targets**
The targets on which to undeploy the library. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the library will be undeployed on all configured targets.

*Type: array of string*

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are adminMode boolean false timeout milliseconds 0 (no timeout)

*Type: java.util.Properties*
Response Body

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.
The resource supports the following methods:
  - POST
POST

Removes progress objects for completed operations.

Roles

Admin, Deployer

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Redeploy the application that is deployed to a resource group template in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

Note that this API is only for redeploying applications or libraries that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for redeploying applications that are not deployed to a resource group template, and LibDeploymentRuntimeMBean should be used for redeploying libraries that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

name
The application name
Type: string

applicationPath
A supported Java EE application or module archive, or a root directory for the application or module. May be null.
Type: string

plan
The deployment plan for this application. May be null.
Type: string

deploymentOptions
Allows for overriding the deployment options. The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout) resourceGroupTemplate this value is required
Type: java.util.Properties
**POST**

**Response Body**
Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.

**POST**
Redeploy the application that is deployed to a resource group template in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned `DeploymentProgressObjectMBean` can be used to determine when the operation is completed.

Note that this API is only for redeploying applications or libraries that are deployed to a resource group template, and a `resourceGroupTemplate` property value must be provided in `deploymentOptions`. `AppDeploymentRuntimeMBean` should be used for redeploying applications that are not deployed to a resource group template, and `LibDeploymentRuntimeMBean` should be used for redeploying libraries that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**
Admin, Deployer

**Request Body**
Must contain a JSON object with the following fields:

- **name**
  The application name
  
  **Type**: string

- **plan**
  The deployment plan for this application. May be null.
  
  **Type**: string

- **deploymentOptions**
  Allows for overriding the deployment options. The keys, units and default values for options are `clusterDeploymentTimeout milliseconds 3600000`, `gracefulIgnoreSessions boolean false`, `gracefulProductionToAdmin boolean false`, `retireGracefully boolean true`, `retireTimeout seconds -1 (no timeout)`, `adminMode boolean false`, `timeout milliseconds 0 (no timeout)` `resourceGroupTemplate` this value is required
  
  **Type**: java.util.Properties

**Response Body**
Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
The resource supports the following methods:

- POST
- POST

Undeploy the application that is deployed to a resource group template using the default options. This is a synchronous operation that returns when the undeploy operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  The application name
  Type: string

- **template**
  The resource group template
  Type: string

Response Body

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

Undeploy the application that is deployed to a resource group template in the background with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

Note that this API is only for undeploying applications that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for undeploying applications that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.
Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**name**
The application name

*Type: string*

**deploymentOptions**
Allows for overriding the deployment options. The keys, units and default values for options are:
- `clusterDeploymentTimeout` milliseconds: 3600000
- `gracefulIgnoreSessions` boolean: false
- `gracefulProductionToAdmin` boolean: false
- `retireGracefully` boolean: true
- `retireTimeout` seconds: -1 (no timeout)
- `adminMode` boolean: false
- `timeout` milliseconds: 0 (no timeout)

*resourceGroupTemplate* this value is required

*Type: java.util.Properties*

Response Body

Contains a JSON object with a

`weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

Allows for updating an application configuration using an changed deployment plan for applications deployed to a resource group template.

A configuration update is equivalent to replacing the application's deployment plan. The deployment plan is redeployed in-place. A new version of the application is not started, even if the new deployment plan has a different version.

The update succeeds only if changes to the deployment plan do not require the application to be restarted. Configuration changes in the new deployment plan must be limited to tuning the application. Changes to resource bindings causes the update to fail. Use redeploy(String, String, Properties) to apply resource binding changes to a production application.

This method targets only root modules. Module level targeting is not supported.

Note that this API is only for updating applications that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for updating applications that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  
  The application name
  
  Type: string

- **plan**
  
  The deployment plan for this application. May be null.
  
  Type: string

- **deploymentOptions**
  
  Allows for overriding the deployment options. The keys, units and default values for options are:

  - clusterDeploymentTimeout milliseconds 3600000
  - gracefulIgnoreSessions boolean false
  - gracefulProductionToAdmin boolean false
  - retireGracefully boolean true
  - retireTimeout seconds -1 (no timeout)
  - adminMode boolean false
  - timeout milliseconds 0 (no timeout)

  resourceGroupTemplate this value is required

  Type: java.util.Properties

Response Body

Contains a JSON object with a

weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
This resource manages a collection of
`weblogic.management.runtime.DomainPartitionRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.DomainPartitionRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.DomainPartitionRuntimeMBean` entities.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime` rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes` rel=self
  This resource.
This resource manages a `weblogic.management.runtime.DomainPartitionRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.DomainPartitionRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.DomainPartitionRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime rel=appRuntimeStateRuntime`
  This resource's appRuntimeStateRuntime singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager rel=deploymentManager`
  This resource's deploymentManager singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager rel=editSessionConfigurationManager`
  This resource's editSessionConfigurationManager singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/parent rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime rel=partitionLifeCycleRuntime`
  This resource's partitionLifeCycleRuntime singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager rel=partitionUserFileSystemManager`
  This resource's partitionUserFileSystemManager singleton resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name} rel=self`
  This resource.
This resource manages a
weblogic.management.runtime.AppRuntimeStateRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.AppRuntimeStateRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.AppRuntimeStateRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getCurrentState rel=action title=getCurrentState`
  
  This resource's `getCurrentState` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/intendedState rel=action title=intendedState`
  
  This resource's `getIntendedState` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getModuleIds rel=action title=getModuleIds`
  
  This resource's `getModuleIds` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getModuleTargets rel=action title=getModuleTargets`
  
  This resource's `getModuleTargets` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getModuleType rel=action title=getModuleType`
  
  This resource's `getModuleType` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getRetireTimeMillis rel=action title=getRetireTimeMillis`
  
  This resource's `getRetireTimeMillis` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getRetireTimeoutSeconds rel=action title=getRetireTimeoutSeconds`
  
  This resource's `getRetireTimeoutSeconds` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/submoduleIds rel=action title=getSubmoduleIds`
  
  This resource's `getSubmoduleIds` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/isActiveVersion rel=action title=isActiveVersion`
This resource's isActiveVersion action resource.

- uri=\management\weblogic\{version\}\domainRuntime\domainPartitionRuntimes\{name\}\appRuntimeStateRuntime\isAdminMode rel=action
  title=isAdminMode

This resource's isAdminMode action resource.

- uri=\management\weblogic\{version\}\domainRuntime\domainPartitionRuntimes\{name\}\appRuntimeStateRuntime rel=canonical

This resource.

- uri=\management\weblogic\{version\}\domainRuntime\domainPartitionRuntimes\{name\} rel=parent

The parent resource of this resource.

- uri=\management\weblogic\{version\}\domainRuntime\domainPartitionRuntimes\{name\}\appRuntimeStateRuntime rel=\self

This resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Aggregate state for the application. This is defined as the most advanced state of the application's modules on the named target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

target
logical target where the app is deployed
Type: string

Response Body

Contains a JSON object with a string return field.

POST

Aggregate state for the module. This is defined as the most advanced state of the module on all servers associated with the named target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

moduleid
moduleid
Type: string
target
logical target where module is deployed
Type: string

Response Body
Contains a JSON object with a string return field.

POST
Aggregate state for a submodule. This is defined as the most advanced state of the submodule on all servers associated with the named target.

Roles
Admin, Deployer, Monitor, Operator

Request Body
Must contain a JSON object with the following fields:

appid
appid
Type: string

moduleid
moduleid
Type: string

subModuleId
subModuleId
Type: string

target
logical target where module is deployed
Type: string

Response Body
Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
The resource supports the following methods:

- POST

The state the application should be in.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- appid
  - appid
  - Type: string

Response Body

Contains a JSON object with a string return field.

POST

The state the application should be in on a specific target.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- appid
  - appid
  - Type: string
- target
  - target
  - Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Names of the modules contained in the application. This does not include submodules.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

Response Body

Contains a JSON object with a array of string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Logical targets where the submodule is deployed.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - Type: string
- **moduleid**
  - Type: string
- **subModuleId**
  - Type: string

Response Body

Contains a JSON object with a array of string return field.

POST

Logical targets where the module is deployed.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

- **appid**
  - Type: string
- **moduleid**
  - Type: string
**Response Body**

Contains a JSON object with an array of string return fields.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getModuleType

The resource supports the following methods:

- POST
POST

Indicates the type of module: EAR, WAR, etc.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid

Type: string

moduleid

Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The time when the application will be retired.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid

Type: string

Response Body

Contains a JSON object with a long return field.
The resource supports the following methods:

- POST
POST

The amount of time the application is given to retire.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

Response Body

Contains a JSON object with a int return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/getSubmoduleIds

The resource supports the following methods:

- POST
POST

Submodules associated with this module.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
appid
Type: string

moduleid
moduleid
Type: string

Response Body

Contains a JSON object with a array of string return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/appRuntimeStateRuntime/isActiveVersion

The resource supports the following methods:

- POST
POST

Indicates if the application is the active version, the one that new sessions will use.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
is the application id
Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Indicates if the application should only be available through the administration port. This is the desired state of the application.

Roles

Admin, Deployer, Monitor, Operator

Request Body

Must contain a JSON object with the following fields:

appid
is the application id
Type: string

target
target
Type: string

Response Body

Contains a JSON object with a boolean return field.
This resource manages a `weblogic.management.runtime.DeploymentManagerMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.DeploymentManagerMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.DeploymentManagerMBean` entity.

This method can return the following links:

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/appendToExtensionLoader rel=action
title=appendToExtensionLoader

  This resource’s `appendToExtensionLoader` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/confirmApplicationName rel=action
title=confirmApplicationName

  This resource’s `confirmApplicationName` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/deploy rel=action title=deploy

  This resource’s `deploy` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/distribute rel=action title=distribute

  This resource’s `distribute` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/purgeCompletedDeploymentProgressObjects rel=action title=purgeCompletedDeploymentProgressObjects

  This resource’s `purgeCompletedDeploymentProgressObjects` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/redeploy rel=action title=redeploy

  This resource’s `redeploy` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/undeploy rel=action title=undeploy

  This resource’s `undeploy` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/update rel=action title=update

  This resource’s `update` action resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager/appDeploymentRuntimes rel=appDeploymentRuntimes

  This resource’s `appDeploymentRuntimes` collection resource.

- `uri=`management/weblogic/[version]/domainRuntime/domainPartitionRuntimes/[name]/deploymentManager rel=canonical
This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects`
  - **rel** = deploymentProgressObjects
  This resource’s deploymentProgressObjects collection resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes`
  - **rel** = libDeploymentRuntimes
  This resource’s libDeploymentRuntimes collection resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}`
  - **rel** = parent
  The parent resource of this resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager`
  - **rel** = self
  This resource.
This resource manages a collection of `weblogic.management.runtime.AppDeploymentRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.AppDeploymentRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.AppDeploymentRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes rel=canonical
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes rel=self
  This resource.
This resource manages a
weblogic.management.runtime.AppDeploymentRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.AppDeploymentRuntimeMBean` instance.

Roles

Admin, Deploier, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.AppDeploymentRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/getState
rel=action title=getState`
  
  This resource’s getState action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/redeploy
rel=action title=redeploy`
  
  This resource’s redeploy action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/start
rel=action title=start`
  
  This resource’s start action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/stop
rel=action title=stop`
  
  This resource’s stop action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/undeploy
rel=action title=undeploy`
  
  This resource’s undeploy action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/update
rel=action title=update`
  
  This resource’s update action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/
rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/
rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/
rel=self`
  
  This resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRuntimes/{name}/getState

The resource supports the following methods:

- POST
POST

The state of the application for a target. Notifications will be generated for this attribute on state changes. Valid states are those supported by the weblogic.management.runtime.AppRuntimeStateRuntimeMBean. The notification types are appdeployment.created, appdeployment.deleted, appdeployment.state.new, appdeployment.state.prepared, appdeployment.state.admin, appdeployment.state.active, appdeployment.state.retired, appdeployment.state.failed, appdeployment.state.update.pending, and appdeployment.state.unknown. The userdata is a Map where the keys are target names and the values are the application state for that target.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- **target**
  the target for the application state
  
  **Type:** string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Redeploy the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

**targets**
The targets on which to redeploy the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be redeployed on all configured targets.

*Type:* array of string

**applicationPath**
A supported Java EE application or module archive, or a root directory for the application or module. May be null.

*Type:* string

**plan**
The deployment plan for this application. May be null.

*Type:* string

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

*Type:* java.util.Properties
POST

Response Body
Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.

POST
Redeploy the application in the background for the targets specified with the options
specified. This is an asynchronous operation that returns immediately. The returned
DeploymentProgressObjectMBean can be used to determine when the operation is
completed.

This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles
Admin, Deployer, Operator

Request Body
Must contain a JSON object with the following fields:

targets
The targets on which to redeploy the application. This would be server names, cluster
names, or module names in a similar format to weblogic.Deployer (i.e.
module1@server1). If null, the application will be redeployed on all configured targets.
Type: array of string

plan
The deployment plan for this application. May be null.
Type: string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used.
The values should all be of type The keys, units and default values for options are
clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean
false, gracefulProductionToAdmin boolean false, retireGracefully boolean true,
retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds
0 (no timeout)
Type: java.util.Properties

Response Body
Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.

POST
Redeploy the application using the default options and configured targets. This is a
synchronous operation that returns when the redeploy operation has completed. The
default options are clusterDeploymentTimeout: 3600000 milliseconds,
gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully:
true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Deployer, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Start the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  The targets on which to start the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be started on all configured targets.
  
  **Type:** array of string

- **deploymentOptions**
  Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

  **Type:** java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Start the application using the default options and configured targets. This is a synchronous operation that returns when the start operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appDeploymentRun-

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

■ POST
■ POST

POST

Stop the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

targets
The targets on which to stop the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be stoped on all configured targets.

Type: array of string

deploymentOptions
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

Type: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Stop the application using the default options and configured targets. This is a synchronous operation that returns when the stop operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Deployer, Operator

**Response Body**

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Undeploy the application using the default options and configured targets. This is a synchronous operation that returns when the undeploy operation has completed. The default options are `clusterDeploymentTimeout: 3600000 milliseconds`, `gracefulIgnoreSessions: false`, `gracefulProductionToAdmin: false`, `retireGracefully: true`, `retireTimeout: no timeout`, `adminMode: false`, `timeout: no timeout`

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.

POST

Undeploy the application in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned `DeploymentProgressObjectMBean` can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  The targets on which to undeploy the application. This would be server names, cluster names, or module names in a similar format to `weblogicDeployer` (i.e. `module1@server1`). If null, the application will be undeployed on all configured targets.

  **Type:** array of string
**deploymentOptions**

Allows for overriding the deployment options. If null, default options will be used. The values should all be of type `The keys, units and default values for options are` `clusterDeploymentTimeout` `milliseconds` `3600000`, `gracefulIgnoreSessions` `boolean`, `false`, `gracefulProductionToAdmin` `boolean`, `false`, `retireGracefully` `boolean`, `true`, `retireTimeout` `seconds` `-1` (no timeout), `adminMode` `boolean`, `false`, `timeout` `milliseconds` `0` (no timeout)

**Type**: `java.util.Properties`

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.
The resource supports the following methods:

- POST
POST

Allows for updating an application configuration using an changed deployment plan. A configuration update is equivalent to replacing the application’s deployment plan. The deployment plan is redeployed in-place. A new version of the application is not started, even if the new deployment plan has a different version.

The update succeeds only if changes to the deployment plan do not require the application to be restarted. Configuration changes in the new deployment plan must be limited to tuning the application. Changes to resource bindings causes the update to fail. Use redeploy() to apply resource binding changes to a production application.

This method targets only root modules. Module level targeting is not supported.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Deployer, Operator

Request Body
Must contain a JSON object with the following fields:

- **targets**
  represent the targets on which to update the application.
  Type: array of string

- **plan**
  The deployment plan containing the new deployment configuration information.
  Type: string

- **deploymentOptions**
  Allows for overriding the deployment options. May be null.
  Type: java.util.Properties

Response Body
Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/appendToExtensionLoader

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Appends a code source to the search path of the WebLogic Extension Loader, which is also referred to as the WebLogic Domain Loader. The code source file is distributed to the targets using the options specified. When the operation is complete, classes and resources in the jar file will be visible for class loading at the extension loader. Since the jar is now in place on targeted servers, the classes and resources will continue to be available even after a targeted server restarts. This is an asynchronous operation that returns immediately.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**codeSourcePath**
A jar file to add to the extension loader
Type: string

**targets**
The targets on which to distribute the code source. This would be server names or cluster names. If null, the code source will be distributed on all configured targets.
Type: array of string

**deploymentOptions**
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, retireTimeout seconds -1 (no timeout), timeout milliseconds 0 (no timeout)
Type: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Appends a code source to the search path of the WebLogic Extension Loader, which is also referred to as the WebLogic Domain Loader. The code source file is distributed to all targets using default options. When the operation is complete, classes and resources in the jar file will be visible for class loading at the extension loader. Since the jar is now in place on targeted servers, the classes and resources will continue to be
available even after a targeted server restarts. This is an asynchronous operation that returns immediately.

**Roles**

Admin, Deployer

**Request Body**

Must contain a JSON object with the following fields:

- **codeSourcePath**
  
  A jar file to add to the extension loader

  **Type:** string

**Response Body**

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:
  - POST
POST

The resource supports the following methods:

- POST
- POST

POST

Used by the deployment subsystem to confirm an application name.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

isRedeployment
should be true in the case where this function is called for a redeployment.

Type: boolean

appSource
is the path to the application.

Type: string

optional
alternate app descriptor.

Type: string

tentativeName
The name proposed for the application (provided by the user, or through the manifest). Null if no name was specified by the user or through the manifest.

Type: string

tentativeApplicationId
The tentative application ID. May only be null if the application is not versioned. If tentativeName is null and the application is versioned, this should be just the version string (which includes both the implementation and specification versions).

Type: string

deploymentOptions
deployment options

Type: java.util.Properties

Response Body

Contains a JSON object with a string return field.

POST

Used by the deployment subsystem to confirm an application name.
**Roles**

Admin, Deployer

**Request Body**

Must contain a JSON object with the following fields:

- **isRedeployment**
  should be true in the case where this function is called for a redeployment.
  **Type:** boolean

- **appSource**
  is the path to the application.
  **Type:** string

- **optional**
  alternate application descriptor path
  **Type:** string

- **tentativeName**
  The name proposed for the application (provided by the user, or through the manifest). Null if no name was specified by the user or through the manifest.
  **Type:** string

- **tentativeApplicationId**
  The tentative application ID. May only be null if the application is not versioned. If tentativeName is null and the application is versioned, this should be just the version string (which includes both the implementation and specification versions).
  **Type:** string

**Response Body**

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

A convenience method for distributing and starting an application.

The application source files and deployment plan are distributed to the deployment targets using the default options. This is a synchronous operation that returns when the deploy operation has completed. If distribution is successful, the application is then started on each of the targets. Successful deployment requires that all targets receive both the archive and deployment plan.

The default options are:

- `clusterDeploymentTimeout`: 3600000 milliseconds
- `gracefulIgnoreSessions`: false
- `gracefulProductionToAdmin`: false
- `retireGracefully`: true
- `retireTimeout`: no timeout
- `adminMode`: false
- `timeout`: no timeout

If any modules are currently running, this method immediately restarts those modules using the newer files. Restarting modules in this manner is not the same as redeployment, because session state is not preserved for the active modules.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  The name of the application
  
  Type: string

- **applicationPath**
  A supported Java EE application or module archive, or a root directory for the application or module.
  
  Type: string

- **plan**
  The deployment plan for this application. May be null.
Response Body

Contains a JSON object with a `weblogic.management.runtime.DeploymentProgressObjectMBean` reference return field.

POST

A convenience method for distributing and starting an application. The application source files and deployment plan are distributed to the deployment targets using the options specified. This is an asynchronous operation that returns immediately. If distribution is successful, the application is then started on each of the targets. Successful deployment requires that all targets receive both the archive and deployment plan.

If any modules are currently running, this method immediately restarts those modules using the newer files. Restarting modules in this manner is not the same as redeployment, because session state is not preserved for the active modules.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  The name of the application
  Type: string

- **applicationPath**
  A supported Java EE application or module archive, or a root directory for the application or module.
  Type: string

- **targets**
  The targets on which to deploy the application. This would be server names, cluster names, or module names in a similar format to `weblogic.Deployer` (i.e. `module1@server1`). If null, the application will be redeployed on all configured targets.
  Type: array of string

- **plan**
  The deployment plan for this application. May be null.
  Type: string

- **deploymentOptions**
  Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are `clusterDeploymentTimeout` milliseconds 3600000, `gracefulIgnoreSessions` boolean
false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)

Type: java.util.Properties

Response Body
Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
This resource manages a collection of
weblogic.management.runtime.DeploymentProgressObjectMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.DeploymentProgressObjectMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.DeploymentProgressObjectMBean` entities.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects` rel=canonical
  
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager` rel=parent
  
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects` rel=self
  
  This resource.
This resource manages a
weblogic.management.runtime.DeploymentProgressObjectMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.DeploymentProgressObjectMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.DeploymentProgressObjectMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects/{name}/cancel`
  - `rel=action title=cancel`
  This resource’s cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects/{name}/getExceptions`
  - `rel=action title=getExceptions`
  This resource’s getExceptions action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects/{name}`
  - `rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects
  - `rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects/{name}
  - `rel=self`
  This resource.
The resource supports the following methods:

- POST
POST

Attempt to cancel the deployment operation. Any actions which have yet to start will be inhibited. Any completed actions will remain in place.

Roles

Admin, Deployer

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/deploymentProgressObjects/{name}/getExceptions

The resource supports the following methods:

- POST
POST

If the current deployment operation has failed, this method may return zero or more exception(s) which represent the errors for this target. The array will not contain WLS exception classes; instead they will be new RuntimeExceptions containing the stack traces and messages from the original WLS Exceptions.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **target**
  the target where exceptions might have occurred.

  **Type**: string

Response Body

Contains a JSON object with a array of java.lang.Throwable return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/distribute

The resource supports the following methods:

■ POST
POST

The resource supports the following methods:

- POST
- POST

POST

Distribute an application.

The application source files and deployment plan are distributed to the deployment targets using the default options. This is a synchronous operation that returns when the distribute operation has completed.

The default options are:

- clusterDeploymentTimeout: 3600000 milliseconds
- gracefullIgnoreSessions: false
- gracefulProductionToAdmin: false
- retireGracefully: true
- retireTimeout: no timeout
- adminMode: false,
- timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  The name of the application
  Type: string

- **applicationPath**
  A supported Java EE application or module archive, or a root directory for the application or module.
  Type: string

- **plan**
  The deployment plan for this application. May be null.
  Type: string
Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Distribute an application. The application source files and deployment plan are distributed to the deployment targets using the options specified. This is an asynchronous operation that returns immediately.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  - The name of the application
  - Type: string

- **applicationPath**
  - A supported Java EE application or module archive, or a root directory for the application or module.
  - Type: string

- **targets**
  - The targets on which to deploy the application. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the application will be distributed on all configured targets.
  - Type: array of string

- **plan**
  - The deployment plan for this application. May be null.
  - Type: string

- **deploymentOptions**
  - Allows for overriding the deployment options. If null, default options will be used.
  - The values should all be of type The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)
  - Type: java.util.Properties
Response Body
Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return
field.
This resource manages a collection of
weblogic.management.runtime.LibDeploymentRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.LibDeploymentRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.LibDeploymentRuntimeMBean` entities.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager` rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes` rel=self
  This resource.
This resource manages a
weblogic.management.runtime.LibDeploymentRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.LibDeploymentRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.LibDeploymentRuntimeMBean` entity.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes/{name}/redeploy`
  rel=action title=redeploy
  This resource’s redeploy action resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes/{name}/undeploy`
  rel=action title=undeploy
  This resource’s undeploy action resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes/{name}`
  rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes/{name}`
  rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/libDeploymentRuntimes/{name}`
  rel=self
  This resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Redeploy the library in the background for the targets specified with the options specified. This is an synchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **targets**
  The targets on which to redeploy the library. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the library will be redeployed on all configured targets.
  
  **Type**: array of string

- **deploymentOptions**
  Allows for overriding the deployment options. If null, default options will be used. The keys, units and default values for options are adminMode boolean false, timeout milliseconds 0 (no timeout)
  
  **Type**: java.util.Properties

Response Body

Contains a JSON object with a
weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Redeploy the library using the default options and configured targets. This is a synchronous operation that returns when the redeploy operation has completed. The default options are adminMode: false, timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer
Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- **POST**
POST

The resource supports the following methods:

- POST
- POST

POST

Undeploy the library using the default options and configured targets. This is a synchronous operation that returns when the redeploy operation has completed. The default options are adminMode boolean false timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Undeploy the library in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

targets
The targets on which to undeploy the library. This would be server names, cluster names, or module names in a similar format to weblogic.Deployer (i.e. module1@server1). If null, the library will be undeployed on all configured targets.
Type: array of string
deploymentOptions
Allows for overriding the deployment options. If null, default options will be used. The values should all be of type The keys, units and default values for options are adminMode boolean false timeout milliseconds 0 (no timeout)
Type: java.util.Properties
Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/purgeCompletedDeploymentProgressObjects

The resource supports the following methods:

- POST
POST

Removes progress objects for completed operations.

Roles

Admin, Deployer

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/deploymentManager/redeploy

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Redeploy the application that is deployed to a resource group template in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

Note that this API is only for redeploying applications or libraries that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for redeploying applications that are not deployed to a resource group template, and LibDeploymentRuntimeMBean should be used for redeploying libraries that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- **name**
  
  The application name

  **Type**: string

- **applicationPath**
  
  A supported Java EE application or module archive, or a root directory for the application or module. May be null.

  **Type**: string

- **plan**
  
  The deployment plan for this application. May be null.

  **Type**: string

- **deploymentOptions**
  
  Allows for overriding the deployment options. The keys, units and default values for options are:

  - **clusterDeploymentTimeout** milliseconds 3600000
  - **gracefulIgnoreSessions** boolean false
  - **gracefulProductionToAdmin** boolean false
  - **retireGracefully** boolean true
  - **retireTimeout** seconds -1 (no timeout)
  - **adminMode** boolean false
  - **timeout** milliseconds 0 (no timeout)

  **Type**: java.util.Properties
Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Redeploy the application that is deployed to a resource group template in the background for the targets specified with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

Note that this API is only for redeploying applications or libraries that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for redeploying applications that are not deployed to a resource group template, and LibDeploymentRuntimeMBean should be used for redeploying libraries that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

- name
  The application name
  Type: string

- plan
  The deployment plan for this application. May be null.
  Type: string

- deploymentOptions
  Allows for overriding the deployment options. The keys, units and default values for options are:
  - clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout)
  resourceGroupTemplate this value is required
  Type: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Undeploy the application that is deployed to a resource group template using the default options. This is a synchronous operation that returns when the undeploy operation has completed. The default options are clusterDeploymentTimeout: 3600000 milliseconds, gracefulIgnoreSessions: false, gracefulProductionToAdmin: false, retireGracefully: true, retireTimeout: no timeout, adminMode: false, timeout: no timeout

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

name
The application name
Type: string

template
The resource group template
Type: string

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.

POST

Undeploy the application that is deployed to a resource group template in the background with the options specified. This is an asynchronous operation that returns immediately. The returned DeploymentProgressObjectMBean can be used to determine when the operation is completed.

Note that this API is only for undeploying applications that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for undeploying applications that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.
Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**name**
The application name

**Type**: string

**deploymentOptions**
Allows for overriding the deployment options. The keys, units and default values for options are:
- `clusterDeploymentTimeout` milliseconds: 3600000
- `gracefulIgnoreSessions` boolean: false
- `gracefulProductionToAdmin` boolean: false
- `retireGracefully` boolean: true
- `retireTimeout` seconds: -1 (no timeout)
- `adminMode` boolean: false
- `timeout` milliseconds: 0 (no timeout)
- `resourceGroupTemplate` this value is required

**Type**: java.util.Properties

Response Body

Contains a JSON object with a

weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
The resource supports the following methods:

- POST
POST

Allows for updating an application configuration using an changed deployment plan for applications deployed to a resource group template.

A configuration update is equivalent to replacing the application’s deployment plan. The deployment plan is redeployed in-place. A new version of the application is not started, even if the new deployment plan has a different version.

The update succeeds only if changes to the deployment plan do not require the application to be restarted. Configuration changes in the new deployment plan must be limited to tuning the application. Changes to resource bindings causes the update to fail. Use redeploy(String, String, Properties) to apply resource binding changes to a production application.

This method targets only root modules. Module level targeting is not supported.

Note that this API is only for updating applications that are deployed to a resource group template, and a resourceGroupTemplate property value must be provided in deploymentOptions. AppDeploymentRuntimeMBean should be used for updating applications that are not deployed to a resource group template.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

**name**
The application name
*Type*: string

**plan**
The deployment plan for this application. May be null.
*Type*: string

**deploymentOptions**
Allows for overriding the deployment options. The keys, units and default values for options are clusterDeploymentTimeout milliseconds 3600000, gracefulIgnoreSessions boolean false, gracefulProductionToAdmin boolean false, retireGracefully boolean true, retireTimeout seconds -1 (no timeout), adminMode boolean false, timeout milliseconds 0 (no timeout) resourceGroupTemplate this value is required
*Type*: java.util.Properties

Response Body

Contains a JSON object with a weblogic.management.runtime.DeploymentProgressObjectMBean reference return field.
This resource manages a
weblogic.management.runtime.EditSessionConfigurationManagerMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.EditSessionConfigurationManagerMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.EditSessionConfigurationManagerMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/forceDestroyEditSessionConfiguration rel=action title=forceDestroyEditSessionConfiguration`
  This resource's forceDestroyEditSessionConfiguration action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations rel=editSessionConfigurations`
  This resource's editSessionConfigurations collection resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager rel=self`
  This resource.
This resource manages a collection of `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instances.

The resource supports the following methods:

- GET
- POST
GET

Get this collection of
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean entities.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes
  /{name}/editSessionConfigurationManager/editSessionConfigurations
  **rel**=canonical
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes
  /{name}/editSessionConfigurationManager **rel**=parent
  The parent resource of this resource.

- **uri**=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes
  /{name}/editSessionConfigurationManager/editSessionConfigurations **rel**=self
  This resource.
POST

Add a new `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance to this collection.

Roles

Admin, Deployer

Request Body

Must contain a `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` entity.
This resource manages a
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean instance.
The resource supports the following methods:
  ■ DELETE
  ■ GET
DELETE

Delete this weblogic.management.runtime>EditSessionConfigurationRuntimeMBean instance.

Roles

Admin, Deployer
GET

Get this `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations/{name}/containsUnactivatedChanges rel=action title=containsUnactivatedChanges`
  This resource's containsUnactivatedChanges action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations rel=self`
  This resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/editSessionConfigurationManager/editSessionConfigurations/{name}/containsUnactivatedChanges

The resource supports the following methods:

- POST
POST

Returns true if there are changes saved in the pending directory or there are changes in memory. To apply these changes, activate the session.

Roles

Admin, Deployer

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Destroys an existing named edit session configuration. This will destroy the associated edit session specific MBeanServer and remove the `<domain>/edit/<name>` or `<domain>/partitions/<name>/edit/<name>` directory and subdirectories.

Unlike `destroyEditSessionConfiguration(EditSessionConfigurationRuntimeMBean)`, this operation does not end with error in case that session contains unactivated changes, and allows to destroy even edit sessions not owned by the caller (requires admin privileges).

**Roles**

Admin, Deployer

**Request Body**

Must contain a JSON object with the following fields:

- **editSession**
  
  Edit session to destroy.

  **Type**: `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` reference

**Response Body**

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime

This resource manages a weblogic.management.runtime.PartitionLifeCycleRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.PartitionLifeCycleRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.PartitionLifeCycleRuntimeMBean` entity. This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/boot rel=action title=boot`
  This resource’s boot action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/forceShutdown rel=action title=forceShutdown`
  This resource’s forceShutdown action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/forceSuspend rel=action title=forceSuspend`
  This resource’s forceSuspend action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/getState rel=action title=getState`
  This resource’s getState action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/getSubState rel=action title=getSubState`
  This resource’s getSubState action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/halt rel=action title=halt`
  This resource’s halt action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/purgeTasks rel=action title=purgeTasks`
  This resource’s purgeTasks action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resume rel=action title=resume`
  This resource’s resume action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/shutdown rel=action title=shutdown`
  This resource’s shutdown action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/start rel=action title=start`
  This resource’s start action resource.
■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/startInAdmin rel=action title=startInAdmin
  This resource's startInAdmin action resource.

■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/suspend rel=action title=suspend
  This resource's suspend action resource.

■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime rel=canonical
  This resource.

■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name} rel=parent
  The parent resource of this resource.

  This resource's resourceGroupLifeCycleRuntimes collection resource.

■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime rel=self
  This resource.

■ uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks rel=tasks
  This resource's tasks collection resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the transition of the partition from the SHUTDOWN state and HALTED substate to the SHUTDOWN state and BOOTTED substate on the specified targets.

This operation has the effect of starting the partition’s administrative resource groups on those targets, changing their states on those targets from SHUTDOWN to RUNNING.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  the specific targets on which to boot this partition

Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a

POST

Begins the transition of the partition from the SHUTDOWN state and HALTED substate to the SHUTDOWN state and BOOTTED substate on all targeted servers.

This operation has the effect of starting the partition’s administrative resource groups, changing their states from SHUTDOWN to RUNNING.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator
Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Begins to force the shutdown of this partition with the specified timeout on all targeted servers.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**

  Type: int

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to force the shutdown of this partition on all targeted servers.

On each targeted server the partition is shut down and then restored to its current state on that server.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator
Response Body
Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST
Begins to force the shut down of this partition on the specified targets.
On each target the partition is shut down and then restored to its current state on that server.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

targets
the specific targets on which to start this partition
Type: array of weblogic.management.configuration.TargetMBean references

Response Body
Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the forceful transition of the partition from the **RUNNING** state to the **ADMIN** state on all targeted servers.

Use the returned **PartitionLifeCycleTaskRuntimeMBean** value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a

```weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean```

reference return field.

POST

Begins the forceful transition of the partition from the **RUNNING** state to the **ADMIN** state on the specified targets.

Use the returned **PartitionLifeCycleTaskRuntimeMBean** value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

```targets```

the specific targets on which to start this partition

Type: array of ```weblogic.management.configuration.TargetMBean``` references

Response Body

Contains a JSON object with a

The resource supports the following methods:

- POST
POST

The state of the partition on a specific server.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

serverMBean

Type: weblogic.management.configuration.ServerMBean reference

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/getSubState

The resource supports the following methods:

- POST
POST

The current substate of the partition on a specific server.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

serverMBean
the server on which the substate to check

Type: weblogic.management.configuration.ServerMBean reference

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the forceful transition of the partition from the running state or the admin state to the shutdown state and halted substate on all targeted servers.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins the forceful transition of the partition from the running state or the admin state to the shutdown state and halted substate on a specific set of targets.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  the specific targets on which to halt this partition  
  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Clears the retained task collection.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of

The resource supports the following methods:

- GET
GET

Get this collection of 

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of 

This method can return the following links:

- uri="/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes" rel=canonical
  This resource.

- uri="/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime" rel=parent
  The parent resource of this resource.

- uri="/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes" rel=self
  This resource.
This resource manages a `weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body


This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/forceShutdown` rel=`action` **title**=`forceShutdown`
  
  This resource’s `forceShutdown` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/forceSuspend` rel=`action` **title**=`forceSuspend`
  
  This resource’s `forceSuspend` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/getState` rel=`action` **title**=`getState`
  
  This resource’s `getState` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/purgeTasks` rel=`action` **title**=`purgeTasks`
  
  This resource’s `purgeTasks` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/resume` rel=`action` **title**=`resume`
  
  This resource’s `resume` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/shutdown` rel=`action` **title**=`shutdown`
  
  This resource’s `shutdown` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/start` rel=`action` **title**=`start`
  
  This resource’s `start` action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/startInAdmin` rel=`action` **title**=`startInAdmin`
  
  This resource’s `startInAdmin` action resource.
■ uri=/management/weblogic/[version]/domainRuntime/domainPartitionRuntimes
    /[name]/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/[name]/
    suspend rel=action title=suspend
    This resource's suspend action resource.

■ uri=/management/weblogic/[version]/domainRuntime/domainPartitionRuntimes
    /[name]/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/[name]
    rel=canonical
    This resource.

■ uri=/management/weblogic/[version]/domainRuntime/domainPartitionRuntimes
    /[name]/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes
    rel=parent
    The parent resource of this resource.

■ uri=/management/weblogic/[version]/domainRuntime/domainPartitionRuntimes
    /[name]/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/[name]
    rel=self
    This resource.

■ uri=/management/weblogic/[version]/domainRuntime/domainPartitionRuntimes
    /[name]/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/[name]/
    tasks rel=tasks
    This resource's tasks collection resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/forceShutdown

The resource supports the following methods:

- POST
The resource supports the following methods:

- POST
- POST

POST

Begins to force the shutdown of this resource group on the specified targets, changing its state to SHUTDOWN.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  the specific targets on which to start this resource group
  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a

POST

Begins to force the shutdown of this resource group on all targeted servers, changing its state to SHUTDOWN.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a
The resource supports the following methods:

- **POST**
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the forceful transition of this resource group from the RUNNING state to the ADMIN state on the specified targets.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this resource group

  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

POST

Begins the forceful transition of this resource group from the RUNNING state to the ADMIN state on all targeted servers.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/getState

The resource supports the following methods:

- POST
POST

The state of resource group on a specific server.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **serverMBean**
  - Type: `weblogic.management.configuration.ServerMBean` reference

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Clears the retained task collection.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the transition of this resource group from the **ADMIN** state to the **RUNNING** state on the specified targets.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- **targets**
  - the specific targets on which to start this resource group
  - **Type:** array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins the transition of this resource group from the **ADMIN** state to the **RUNNING** state on all targeted servers.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
The resource supports the following methods:

- POST
- POST
- POST
- POST
- POST
- POST

**POST**

Begins to shut down this resource group gracefully on the specified targets, changing its state to `SHUTDOWN`. (equivalent to `shutdown(targets, 0, false)`).

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- `targets`
  the specific targets on which to start this resource group

  *Type:* array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

**POST**

Begins to shut down the resource group gracefully on all targeted servers, changing its state to `SHUTDOWN`.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator
Response Body
Contains a JSON object with a
weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference
return field.

POST
Begins to shut down this resource group gracefully on the specified targets, changing
its state to SHUTDOWN.
Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for
completion
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

timeout
Number of seconds to wait before aborting inflight work and force shutting down the
server.
Type: int

ignoreSessions
Set to true to ignore pending HTTP sessions during inflight work handling.
Type: boolean

waitForAllSessions
Set to true to wait for all HTTP sessions during inflight work handling; false to wait
for non-persisted HTTP sessions only.
Type: boolean

targets
the specific targets on which to shut down this resource group
Type: array of weblogic.management.configuration.TargetMBean references

Response Body
Contains a JSON object with a
weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference
return field.

POST
Begins to shut down this resource group gracefully on all targeted servers, changing
its state to SHUTDOWN.
Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for
completion
POST

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

**timeout**
Number of seconds to wait before aborting inflight work and force shutting down the server.
Type: int

**ignoreSessions**
Set to true to ignore pending HTTP sessions during inflight work handling.
Type: boolean

**waitForAllSessions**
Set to true to wait for all HTTP sessions during inflight work handling; false to wait for non-persisted HTTP sessions only.
Type: boolean

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to shut down this resource group gracefully on all targeted servers, changing its state to SHUTDOWN. (equivalent to shutdown(timeout, ignoreSessions, false)).

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

**timeout**
Number of seconds to wait before aborting inflight work and shutting down the server.
Type: int
ignoreSessions
true indicates ignore pending HTTP sessions during inflight work handling.
Type: boolean

Response Body
Contains a JSON object with a

POST
Begins to shut down this resource group gracefully on the specified targets, changing its state to SHUTDOWN. (equivalent to shutdown(timeout, ignoreSessions, false, targets)).
Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

timeout
Number of seconds to wait before aborting inflight work and shutting down the server.
Type: int

ignoreSessions
true indicates ignore pending HTTP sessions during inflight work handling.
Type: boolean

targets
the specific targets on which to shut down this resource group
Type: array of weblogic.management.configuration.TargetMBean references

Response Body
Contains a JSON object with a
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/start

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins to start this resource group on all targeted servers, changing its state to **RUNNING**

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to start this resource group on the specified targets, changing its state to **RUNNING**

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this resource group

  **Type:** array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
  - POST

POST

Begins to start this resource group in the admin state on the specified targets, changing its state to `ADMIN`

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  - the specific targets on which to start this resource group in "admin" state
  - **Type**: array of `weblogic.management.configuration.TargetMBean` references

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins to start this resource group in the admin state on all targeted servers, changing its state to `ADMIN`

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/suspend

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST
- POST

POST

Begins to transition this resource group from **RUNNING** to **ADMIN** state gracefully on the specified targets.

Applications are in admin mode. Inflight work is completed.

Use the returned **ResourceGroupLifeCycleTaskRuntimeMBean** value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**
  Seconds to wait for the resource group to transition gracefully. The resource group automatically calls `forceSuspend()` after timeout.
  Type: int

- **ignoreSessions**
  drop inflight HTTP sessions during graceful suspend
  Type: boolean

- **targets**
  the specific targets on which to start this resource group
  Type: array of `weblogic.management.configuration.TargetMBean` references

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.
POST

Begins the graceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on all targeted servers. (equivalent to suspend(0, false)) New requests are rejected and inflight work is allowed to complete.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins the graceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on the specified targets. (equivalent to suspend(0, false, targets)) New requests are rejected and inflight work is allowed to complete.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- `targets`
  - the specific targets on which to start this resource group
  - **Type**: array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins to transition the resource group from **RUNNING** to **ADMIN** state gracefully on all targeted servers.
Applications are in admin mode. Inflight work is completed.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**
  Seconds to wait for the resource group to transition gracefully. The resource group automatically calls forceSuspend() after timeout.
  
  Type: int

- **ignoreSessions**
  drop inflight HTTP sessions during graceful suspend
  
  Type: boolean

Response Body

Contains a JSON object with a
This resource manages a collection of
weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean
instances.

The resource supports the following methods:

- GET
GET

Get this collection of
weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean
instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of

This method can return the following links:

- **uri**=management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=canonical
  - This resource.

- **uri**=management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/rel=parent
  - The parent resource of this resource.

- **uri**=management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=self
  - This resource.
This resource manages a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET


Roles

Admin, Deployer, Monitor, Operator

Response Body


This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/cancel` rel=action title=cancel
  
  This resource’s cancel action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}` rel=canonical
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks` rel=parent
  
  The parent resource of this resource.

- rel=parentTask
  
  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}` rel=self
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks` rel=subTasks
  
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of weblogic.management.runtime.TaskRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name} rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=self`
  
  This resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}

This resource manages a weblogic.management.runtime.TaskRuntimeMBean instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel`
  rel=action
  title=cancel
  This resource's cancel action resource.

- uri=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks`
  rel=subTasks
  This resource's subTasks collection resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel

The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deploeyer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` rel=canonical
  This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}` rel=parent
  The parent resource of this resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` rel=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel` **rel**=`action` **title**=`cancel`
  
  This resource's cancel action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}` **rel**=`canonical`
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks` **rel**=`subTasks`
  
  This resource's subTasks collection resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/parent` **rel**=`parent`
  
  The parent resource of this resource.

- **rel**=`parentTask`
  
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel

The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the transition of the partition from the **ADMIN** state to the **RUNNING** state on all targeted servers.

Use the returned `PartitionLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations.

The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins the transition of the partition from the **ADMIN** state to the **RUNNING** state on the specified targets.

Use the returned `PartitionLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations.

The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- `targets`
  - the specific targets on which to start this partition
  - **Type**: array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST
- POST
- POST
- POST
- POST

POST

Begins to shut down this partition gracefully on the specified targets.
(Equivalent to shutdown(targets, 0, false)).
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

targets
the specific targets on which to start this partition
Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a

POST

Begins to shut down this partition gracefully on the specified targets.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator
Request Body

Must contain a JSON object with the following fields:

**timeout**
Number of seconds to wait before aborting inflight work and force shutting down the server.
Type: int

**ignoreSessions**
Set to true to ignore pending HTTP sessions during inflight work handling.
Type: boolean

**waitForAllSessions**
Set to true to wait for all HTTP sessions during inflight work handling; false to wait for non-persisted HTTP sessions only.
Type: boolean

**targets**
the specific targets on which to shut down this partition
Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to shut down this partition gracefully on all targeted servers.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

**timeout**
Number of seconds to wait before aborting inflight work and force shutting down the server.
Type: int

**ignoreSessions**
Set to true to ignore pending HTTP sessions during inflight work handling.
Type: boolean
waitForAllSessions
Set to true to wait for all HTTP sessions during inflight work handling; false to wait for non-persisted HTTP sessions only.
Type: boolean

Response Body
Contains a JSON object with a

POST
Begins to shut down this partition gracefully on the specified targets.
(Equivalent to shutdown(timeout, ignoreSessions, false, targets)).
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

timeout
Number of seconds to wait before aborting inflight work and shutting down the server.
Type: int

ignoreSessions
ture indicates ignore pending HTTP sessions during inflight work handling.
Type: boolean

targets
the specific targets on which to shut down this partition
Type: array of weblogic.management.configuration.TargetMBean references

Response Body
Contains a JSON object with a

POST
Begins to shut down this partition gracefully on all targeted servers.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to shut down this partition gracefully on all targeted servers. (Equivalent to shutdown(timeout, ignoreSessions, false, targets)). Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**
  Number of seconds to wait before aborting inflight work and shutting down the server.
  Type: int

- **ignoreSessions**
  true indicates ignore pending HTTP sessions during inflight work handling.
  Type: boolean

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Begins to start this partition on all targeted servers.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Response Body
Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to start this partition in the specified initialState within the specified timeOut on all targeted servers.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

- **initialState**
  can be can be ADMIN or RUNNING, default is RUNNING.
  **Type**: string

- **timeOut**
  Specifies the number of milliseconds to start a Partition. Throws InterruptedException if Partition is unable to start during that duration and leaves the Partition in UNKNOWN state. Default is 60000ms
  **Type**: int
Response Body
Contains a JSON object with a

POST
Begins to start this partition on the specified targets.
Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

  targets
  the specific targets on which to start this partition

  Type: array of weblogic.management.configuration.TargetMBean references

Response Body
Contains a JSON object with a
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins to start this partition in the ADMIN state on all targeted servers.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to start this partition in the ADMIN state on the specified targets.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this partition in "admin" state
  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST
- POST

POST

Begins the graceful transition of the partition from the **RUNNING** state to the **ADMIN** state on the specified targets.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.

Applications are in admin mode. Inflight work is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**
  Seconds to wait for the partition to transition gracefully. The partition automatically calls forceSuspend() after timeout.
  **Type:** int

- **ignoreSessions**
  drop inflight HTTP sessions during graceful suspend
  **Type:** boolean

- **targets**
  the specific targets on which to start this partition
  **Type:** array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins the graceful transition of the partition from the **RUNNING** state to the **ADMIN** state on all targeted servers.

(Equivalent to suspend(0, false))

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion.
POST

New requests are rejected and inflight work is allowed to complete. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins the graceful transition of the partition from the \texttt{RUNNING} state to the \texttt{ADMIN} state on all targeted servers.

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion. Applications are in admin mode. Inflight work is completed. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- \texttt{timeout}
  
  Seconds to wait for the partition to transition gracefully. The partition automatically calls \texttt{forceSuspend()} after timeout.
  
  \textbf{Type}: int

- \texttt{ignoreSessions}
  
  drop inflight HTTP sessions during graceful suspend
  
  \textbf{Type}: boolean

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.

POST

Begins the graceful transition of the partition from the \texttt{RUNNING} state to the \texttt{ADMIN} state on the specified targets. (Equivalent to \texttt{suspend(0, false, targets)})

Use the returned PartitionLifeCycleTaskRuntimeMBean value to check for completion. New requests are rejected and inflight work is allowed to complete.
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**
Admin, Operator

**Request Body**
Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this partition

  **Type:** array of weblogic.management.configuration.TargetMBean references

**Response Body**
Contains a JSON object with a
This resource manages a collection of `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean entities.

This method can return the following links:

- **uri=*/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks rel=canonical
  This resource.

- **uri=*/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime rel=parent
  The parent resource of this resource.

- **uri=*/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks rel=self
  This resource.
This resource manages a `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/cancel rel=action title=cancel`
  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name} rel=parent`
  The parent resource of this resource.

- `rel=parentTask`
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name} rel=self`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks rel=subTasks`
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this *weblogic.management.runtime.TaskRuntimeMBean* instance.

**Roles**

Admin, Deployer, Monitor, Operator

**Response Body**

Contains a *weblogic.management.runtime.TaskRuntimeMBean* entity.

This method can return the following links:

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/cancel`
  rel = action title = cancel
  This resource’s cancel action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}`
  rel = canonical
  This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks`
  rel = parent
  The parent resource of this resource.

- **rel** = parentTask
  This resource's parentTask reference to a *weblogic.management.runtime.TaskRuntimeMBean* resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/subTasks`
  rel = subTasks
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of 

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks
  rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks
  rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks
  rel=self`
  
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel` **rel**=action **title**=cancel
  
  This resource’s cancel action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}` **rel**=canonical
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}/parent` **rel**=parent
  
  The parent resource of this resource.

- **rel**=parentTask
  
  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}/self` **rel**=self
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks` **rel**=subTasks
  
  This resource’s subTasks collection resource.
/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionLifeCycleRuntime/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel

The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a `weblogic.management.runtime.PartitionUserFileSystemManagerMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.PartitionUserFileSystemManagerMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.PartitionUserFileSystemManagerMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager/deleteFile rel=action title=deleteFile`
  This resource’s deleteFile action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager/exists rel=action title=exists`
  This resource’s exists action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager/list rel=action title=list`
  This resource’s list action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager/mkdir rel=action title=mkdir`
  This resource’s mkdir action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager/rmdir rel=action title=rmdir`
  This resource’s rmdir action resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/domainPartitionRuntimes/{name}/partitionUserFileSystemManager rel=self`
  This resource.
The resource supports the following methods:

- POST
POST

Deletes specified file

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

filePath
file path relative to partition user file system root
Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Checks whether specified file exists

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

filePath
file path relative to partition user file system root
Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- **POST**
POST

Lists files from partition user file system directory

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

*dirPath*

directory path relative to partition user file system root

*Type*: string

Response Body

Contains a JSON object with a array of string return field.
The resource supports the following methods:

- POST
POST

Creates partition user file system subdirectory

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **dirPath**
  directory path relative to partition user file system root
  Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:
  - POST
POST

Deletes specified directory

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **dirPath**
  - directory path relative to partition user file system root
  - Type: string

Response Body

Contains a JSON object with a boolean return field.
This resource manages a
`weblogic.management.runtime.EditSessionConfigurationManagerMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.EditSessionConfigurationManagerMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.EditSessionConfigurationManagerMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/forceDestroyEditSessionConfiguration rel=action title=forceDestroyEditSessionConfiguration`
  
  This resource's forceDestroyEditSessionConfiguration action resource.

- `uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations rel=editSessionConfigurations`
  
  This resource's editSessionConfigurations collection resource.

- `uri=/management/weblogic/{version}/domainRuntime rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager rel=self`
  
  This resource.
This resource manages a collection of `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instances.

The resource supports the following methods:

- GET
- POST
GET

Get this collection of
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean entities.

This method can return the following links:

- **uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations** rel=canonical
  This resource.

- **uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager** rel=parent
  The parent resource of this resource.

- **uri=/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations** rel=self
  This resource.
POST

Add a new `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance to this collection.

Roles

Admin, Deployer

Request Body

Must contain a `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` entity.
This resource manages a `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance.

The resource supports the following methods:

- DELETE
- GET
DELETE

Delete this `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance.

Roles

Admin, Deployer
GET

Get this `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.EditSessionConfigurationRuntimeMBean` entity.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations/{name}/containsUnactivatedChanges` rel=action title=containsUnactivatedChanges
  This resource's containsUnactivatedChanges action resource.

- uri=`/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations/{name}` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations` rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/editSessionConfigurationManager/editSessionConfigurations/{name}` rel=self
  This resource.
The resource supports the following methods:

- POST
POST

Returns `true` if there are changes saved in the pending directory or there are changes in memory. To apply these changes, activate the session.

Roles

Admin, Deployer

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Destroys an existing named edit session configuration. This will destroy the associated edit session specific MBeanServer and remove the <domain>/edit/<name> or <domain>/partitions/<name>/edit/<name> directory and subdirectories.

Unlike destroyEditSessionConfiguration(EditSessionConfigurationRuntimeMBean), this operation does not end with error in case that session contains unactivated changes, and allows to destroy even edit sessions not owned by the caller (requires admin privileges).

Roles

Admin, Deployer

Request Body

Must contain a JSON object with the following fields:

editSession

Edit session to destroy.

Type: weblogic.management.runtime.EditSessionConfigurationRuntimeMBean reference

Response Body

Contains an empty JSON object.
This resource manages a `weblogic.management.runtime.ElasticServiceManagerRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.ElasticServiceManagerRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ElasticServiceManagerRuntimeMBean` entity.

This method can return the following links:

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/getScalingTasks`<br>  **rel** = action <br>  **title** = getScalingTasks<br>
This resource's `getScalingTasks` action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/purgeScalingTasks`<br>  **rel** = action <br>  **title** = purgeScalingTasks<br>
This resource's `purgeScalingTasks` action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scaleDown`<br>  **rel** = action <br>  **title** = scaleDown<br>
This resource's `scaleDown` action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scaleUp`<br>  **rel** = action <br>  **title** = scaleUp<br>
This resource's `scaleUp` action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks`<br>  **rel** = canonical<br>
This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime`<br>  **rel** = parent<br>
The parent resource of this resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks`<br>  **rel** = scalingTasks<br>
This resource's `scalingTasks` collection resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime`<br>  **rel** = self<br>
This resource.
The resource supports the following methods:

- POST
POST

Roles
Admin

Request Body
Must contain a JSON object with the following fields:

`clusterName`
Cluster name
Type: string

`size`
The number of ScalingTaskRuntimeMBean to return starting with the most recent.
Type: int

Response Body
Contains a JSON object with a array of weblogic.management.runtime.ScalingTaskRuntimeMBean references return field.
The resource supports the following methods:
  - POST
POST

Purge scaling tasks for a service which have completed at least "age" seconds ago. Tasks which are currently running will not be purged.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **clusterName**
  Cluster name
  Type: string

- **age**
  Age of tasks to be purged in seconds
  Type: int

Response Body

Contains a JSON object with a int return field.
The resource supports the following methods:

- **POST**
POST

Perform a scale down operation
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **clusterName**
  Cluster name
  Type: string

- **scaleFactor**
  the size by which the service must be scaled up
  Type: int

Response Body

Contains a JSON object with a weblogic.management.runtime.ScalingTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Perform a scale up operation
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **clusterName**
  Cluster name
  Type: string

- **scaleFactor**
  the size by which the service must be scaled up
  Type: int

Response Body

Contains a JSON object with a weblogic.management.runtime.ScalingTaskRuntimeMBean reference return field.
This resource manages a collection of 
weblogic.management.runtime.ScalingTaskRuntimeMBean instances.

The resource supports the following methods:
- GET
GET

Get this collection of `weblogic.management.runtime.ScalingTaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.ScalingTaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks` `rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime` `rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks` `rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.ScalingTaskRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.ScalingTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ScalingTaskRuntimeMBean` entity.

This method can return the following links:

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/cancel` **rel** = action **title** = cancel
  
  This resource's cancel action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}` **rel** = canonical
  
  This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}` **rel** = parent
  
  The parent resource of this resource.

- **rel** = parentTask
  
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks` **rel** = subTasks
  
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deploier, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name} rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks rel=self`
  
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri** `= /management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/cancel` **rel**=action **title**=cancel
  
  This resource’s cancel action resource.

- **uri** `= /management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}` **rel**=canonical
  
  This resource.

- **uri** `= /management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks` **rel**=subTasks
  
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles
Admin

Response Body
Contains an empty JSON object.
This resource manages a collection of

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks` **rel**=canonical
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks` **rel**=self
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}` **rel**=parent
  
  The parent resource of this resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks/{name}/cancel`  
  **rel** = action  
  **title** = cancel

  This resource's cancel action resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks/{name}`  
  **rel** = canonical

  This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks`  
  **rel** = parent

  The parent resource of this resource.

- **rel** = parentTask

  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks/{name}`  
  **rel** = self

  This resource.

- **uri** = `/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks`  
  **rel** = subTasks

  This resource's subTasks collection resource.
/management/weblogic/{version}/domainRuntime/elasticServiceManagerRuntime/scalingTasks/{name}/subTasks/{name}/subTasks/{name}/cancel

The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

partitionMBean

Type: weblogic.management.configuration.PartitionMBean reference

timeout

Specifies the number of milliseconds to stop a Partition. Throws InterruptedException if Partition is unable to stop during that duration and leaves the Partition in UNKNOWN state. Default is 60000ms

Type: int

Response Body

Contains a JSON object with a
/management/weblogic/{version}/domainRuntime/logRuntime

This resource manages a `weblogic.management.runtime.LogRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.LogRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.LogRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/logRuntime/ensureLogOpened` rel=action title=ensureLogOpened
  This resource’s ensureLogOpened action resource.

- `uri=/management/weblogic/{version}/domainRuntime/logRuntime/flushLog` rel=action title=flushLog
  This resource’s flushLog action resource.

- `uri=/management/weblogic/{version}/domainRuntime/logRuntime/forceLogRotation` rel=action title=forceLogRotation
  This resource’s forceLogRotation action resource.

- `uri=/management/weblogic/{version}/domainRuntime/logRuntime` rel=canonical
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime` rel=parent
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/logRuntime` rel=self
  This resource.
The resource supports the following methods:

- POST
POST

Ensures that the output stream to the underlying is opened if it got closed previously due to errors.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Flushes the buffer to the log file on disk.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Forces the rotation of the underlying log immediately.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a `weblogic.management.runtime.MessageDrivenControlEJBRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.MessageDrivenControlEJBRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.MessageDrivenControlEJBRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/messageDrivenControlEJB Runtime/printMDBStatus rel=action title=printMDBStatus`
  This resource's printMDBStatus action resource.

- `uri=/management/weblogic/{version}/domainRuntime/messageDrivenControlEJB Runtime/resumeMDBs rel=action title=resumeMDBs`
  This resource's resumeMDBs action resource.

- `uri=/management/weblogic/{version}/domainRuntime/messageDrivenControlEJB Runtime/suspendMDBs rel=action title=suspendMDBs`
  This resource's suspendMDBs action resource.

- `uri=/management/weblogic/{version}/domainRuntime/messageDrivenControlEJB Runtime rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/messageDrivenControlEJB Runtime rel=self`
  This resource.
The resource supports the following methods:
  - POST
POST

Prints the MDBStatus for the specific type of MDB

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **ejbName**
  
  ejbName
  
  Type: string

- **applicationName**
  
  applicationName
  
  Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Resumes the specific type of MDB by calling start on the JMS Connection.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **ejbName**
  - Type: string

- **applicationName**
  - Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Suspends the specific type of MDB by calling stop on the JMS Connection.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **ejbName**
  - Type: string

- **applicationName**
  - Type: string

Response Body

Contains a JSON object with a boolean return field.
This resource manages a `weblogic.management.runtime.MigratableServiceCoordinatorRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.MigratableServiceCoordinatorRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.MigratableServiceCoordinatorRuntimeMBean` entity.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/migratableServiceCoordinatorRuntime/migrate rel=action title=migrate
  
  This resource’s migrate action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/migratableServiceCoordinatorRuntime/migrateJTA rel=action title=migrateJTA
  
  This resource’s migrateJTA action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/migratableServiceCoordinatorRuntime/migrateSingleton rel=action title=migrateSingleton
  
  This resource’s migrateSingleton action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/migratableServiceCoordinatorRuntime rel=canonical
  
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime rel=parent
  
  The parent resource of this resource.

- **uri**=/management/weblogic/{version}/domainRuntime/migratableServiceCoordinatorRuntime rel=self
  
  This resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- **POST**
- **POST**

POST

Migrates all services deployed to the migratableTarget to the destination server. This method assumes that the source and the destination server are up and running.

Precondition: The migratableTarget must contain at least one server. The destination server must be a member of the migratableTarget's list of candidate servers. If automatic migration mode is disabled, the destination server must not be the currently hosting server (i.e. head of candidate list of the migratableTarget). Postcondition: If automatic migration mode is disabled and if the migration succeeded, the head of the candidate server list in the migratableTarget will be the destination server.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **migratableTarget**
  - all services targeted to this target are to be migrated to the destination server. THIS MUST BE A CONFIG MBEAN
  
  **Type:** weblogic.management.configuration.MigratableTargetMBean reference

- **destination**
  - the new server where the services deployed to migratableTarget shall be activated
  
  **Type:** weblogic.management.configuration.ServerMBean reference

Response Body

Contains an empty JSON object.

POST

Migrates all services deployed to the migratableTarget to the destination server. Use this method if either the source or the destination or both are not running.

Precondition: The migratableTarget must contain at least one server. The destination server must be a member of the migratableTarget's list of candidate servers. If automatic migration mode is disabled, the destination server must not be the currently hosting server (i.e. head of candidate list of the migratableTarget). Postcondition: If automatic migration mode is disabled and if the migration succeeded, the head of the candidate server list in the migratableTarget will be the destination server.

Roles

Admin
**Request Body**

Must contain a JSON object with the following fields:

- **migratableTarget**
  - all services targeted to this target are to be migrated to the destination server. THIS MUST BE A CONFIG MBEAN
  
  **Type:** weblogic.management.configuration.MigratableTargetMBean reference

- **destination**
  - the new server where the services deployed to migratableTarget shall be activated
  
  **Type:** weblogic.management.configuration.ServerMBean reference

- **sourceUp**
  - the currently active server is up and running. If false, the administrator must ensure that the services deployed to migratableTarget are NOT active.
  
  **Type:** boolean

- **destinationUp**
  - the destination server is up and running.
  
  **Type:** boolean

**Response Body**

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Migrates the JTARecoveryManager deployed to a migratableTarget to the destination server.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **migratableTarget**
  - Type: weblogic.management.configuration.MigratableTargetMBean reference

- **destination**
  - Type: weblogic.management.configuration.ServerMBean reference

- **sourceUp**
  - Type: boolean

- **destinationUp**
  - Type: boolean

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Migrates the singleton service specified by the SingletonServiceMBean to the destination server. This method assumes that the source and the destination server are up and running. Precondition: The SingletonServiceMBean must contain at least one server. The destination server must be a member of the SingletonServiceMBean’s list of candidate servers. If automatic migration mode is disabled, the destination server must not be the currently hosting server (i.e. head of candidate list of the migratableTarget). Postcondition: If automatic migration mode is disabled and if the migration succeeded, the head of the candidate server list in the migratableTarget will be the destination server.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **singletonService**
  - SingletonService to be migrated to the destination server. THIS MUST BE A CONFIG MBEAN
  
  **Type**: weblogic.management.configuration.SingletonServiceMBean reference

- **destination**
  - the new server where the singleton service shall be activated
  
  **Type**: weblogic.management.configuration.ServerMBean reference

Response Body

Contains an empty JSON object.
This resource manages a collection of
weblogic.management.runtime.MigrationDataRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.MigrationDataRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.MigrationDataRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/migrationDataRuntimeMBean
  rel=canonical
  This resource.

- uri=/management/weblogic/{version}/domainRuntime
  rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/{version}/domainRuntime/migrationDataRuntimeMBean
  rel=self
  This resource.
This resource manages a `weblogic.management.runtime.MigrationDataRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.MigrationDataRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.MigrationDataRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/migrationDataRuntimes/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/migrationDataRuntime{parent}`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/migrationDataRuntimes/{name} rel=self`
  This resource.
This resource manages a collection of `weblogic.management.runtime.NodeManagerRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.NodeManagerRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.NodeManagerRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/nodeManagerRuntimes` `rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime` `rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/nodeManagerRuntimes` `rel=self`
  
  This resource.
This resource manages a
weblogic.management.runtime.NodeManagerRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.NodeManagerRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.NodeManagerRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/nodeManagerRuntimes/{name} rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/nodeManagerRuntimes rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/nodeManagerRuntimes/{name} rel=self`
  
  This resource.
This resource manages a `weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean` entity.

This method can return the following links:

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime/getPolicyRefStatus rel=action title=getPolicyRefStatus
  This resource's getPolicyRefStatus action resource.

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime/isOWSMAttachable rel=action title=isOWSMAttachable
  This resource's isOWSMAttachable action resource.

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime/removePolicyReference rel=action title=removePolicyReference
  This resource's removePolicyReference action resource.

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime/setPolicyRefStatus rel=action title=setPolicyRefStatus
  This resource's setPolicyRefStatus action resource.

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime rel=canonical
  This resource.

- **uri=*/management/weblogic/{version}/domainRuntime rel=parent
  The parent resource of this resource.

- **uri=*/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime rel=self
  This resource.
The resource supports the following methods:

- POST
POST

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- `policySubject`
  - `policySubject`
  - **Type:** string

- `policyReferenceURI`
  - `policyReferenceURI`
  - **Type:** string

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/policySubjectManagerRuntime/isOWSMAttachable

The resource supports the following methods:

- POST
POST

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **policySubject**
  - policySubject
  - Type: string

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **policySubject**
  - policySubject
  - Type: string

- **policyReferenceURI**
  - policyReferenceURI
  - Type: string

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **policySubject**
  - Type: string

- **policyReferenceURI**
  - Type: string

- **enable**
  - Type: boolean

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of

This method can return the following links:

- **uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes rel=canonical**
  This resource.

- **uri=/management/weblogic/{version}/domainRuntime rel=parent**
  The parent resource of this resource.

- **uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes rel=self**
  This resource.
This resource manages a `weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body


This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/forceShutdown rel=action title=forceShutdown
  This resource's forceShutdown action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/forceSuspend rel=action title=forceSuspend
  This resource's forceSuspend action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/getState rel=action title=getState
  This resource's getState action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/purgeTasks rel=action title=purgeTasks
  This resource's purgeTasks action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/resume rel=action title=resume
  This resource's resume action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/shutdown rel=action title=shutdown
  This resource's shutdown action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/start rel=action title=start
  This resource's start action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/startInAdmin rel=action title=startInAdmin
  This resource's startInAdmin action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/suspend rel=action title=suspend
  This resource's suspend action resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name} rel=canonical
  This resource.
- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name} rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name} rel=self
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=tasks
  This resource's tasks collection resource.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins to force the shutdown of this resource group on the specified targets, changing its state to SHUTDOWN

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  the specific targets on which to start this resource group

  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

POST

Begins to force the shutdown of this resource group on all targeted servers, changing its state to SHUTDOWN

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the forceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on the specified targets.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- `targets`
  - the specific targets on which to start this resource group
  - **Type:** array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins the forceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on all targeted servers.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

The state of resource group on a specific server.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

serverMBean

Type: weblogic.management.configuration.ServerMBean reference

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Clears the retained task collection.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/resume

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins the transition of this resource group from the ADMIN state to the RUNNING state on the specified targets.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- targets
  the specific targets on which to start this resource group

Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a

POST

Begins the transition of this resource group from the ADMIN state to the RUNNING state on all targeted servers.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST
- POST
- POST
- POST
- POST

POST

Begins to shut down this resource group gracefully on the specified targets, changing its state to **SHUTDOWN**. (equivalent to `shutdown(targets, 0, false)`).

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this resource group

  Type: array of `weblogic.management.configuration.TargetMBean` references

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins to shut down the resource group gracefully on all targeted servers, changing its state to **SHUTDOWN**

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator
**Response Body**

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

**POST**

Begins to shut down this resource group gracefully on the specified targets, changing its state to **SHUTDOWN**.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

**timeout**

Number of seconds to wait before aborting inflight work and force shutting down the server.

Type: int

**ignoreSessions**

Set to `true` to ignore pending HTTP sessions during inflight work handling.

Type: boolean

**waitForAllSessions**

Set to `true` to wait for all HTTP sessions during inflight work handling; `false` to wait for non-persisted HTTP sessions only.

Type: boolean

**targets**

the specific targets on which to shut down this resource group

Type: array of weblogic.management.configuration.TargetMBean references

**Response Body**

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

**POST**

Begins to shut down this resource group gracefully on all targeted servers, changing its state to **SHUTDOWN**.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

timeout
Number of seconds to wait before aborting inflight work and force shutting down the server.
Type: int

ignoreSessions
Set to true to ignore pending HTTP sessions during inflight work handling.
Type: boolean

waitForAllSessions
Set to true to wait for all HTTP sessions during inflight work handling; false to wait for non-persisted HTTP sessions only.
Type: boolean

Response Body
Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

POST
Begins to shut down this resource group gracefully on all targeted servers, changing its state to SHUTDOWN. (equivalent to shutdown(timeout, ignoreSessions, false)).
Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

timeout
Number of seconds to wait before aborting inflight work and shutting down the server.
Type: int
**ignoreSessions**
true indicates ignore pending HTTP sessions during inflight work handling.

**Type**: boolean

**Response Body**
Contains a JSON object with a

**POST**
Begins to shut down this resource group gracefully on the specified targets, changing its state to **SHUTDOWN**. (equivalent to shutdown(timeout, ignoreSessions, false, targets)).

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**
Admin, Operator

**Request Body**
Must contain a JSON object with the following fields:

**timeout**
Number of seconds to wait before aborting inflight work and shutting down the server.

**Type**: int

**ignoreSessions**
true indicates ignore pending HTTP sessions during inflight work handling.

**Type**: boolean

**targets**
the specific targets on which to shut down this resource group

**Type**: array of weblogic.management.configuration.TargetMBean references

**Response Body**
Contains a JSON object with a
/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/start

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Begins to start this resource group on all targeted servers, changing its state to **RUNNING**

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST

Begins to start this resource group on the specified targets, changing its state to **RUNNING**

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

`targets`

the specific targets on which to start this resource group

Type: array of `weblogic.management.configuration.TargetMBean` references

Response Body

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- **POST**
- **POST**

**POST**

Begins to start this resource group in the admin state on the specified targets, changing its state to **ADMIN**

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this resource group in "admin" state
  
  **Type:** array of weblogic.management.configuration.TargetMBean references

**Response Body**

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.

**POST**

Begins to start this resource group in the admin state on all targeted servers, changing its state to **ADMIN**

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST
- POST

POST

Begins to transition this resource group from RUNNING to ADMIN state gracefully on the specified targets.

Applications are in admin mode. Inflight work is completed.

Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **timeout**
  Seconds to wait for the resource group to transition gracefully. The resource group automatically calls forceSuspend() after timeout.
  Type: int

- **ignoreSessions**
  Drop inflight HTTP sessions during graceful suspend
  Type: boolean

- **targets**
  The specific targets on which to start this resource group
  Type: array of weblogic.management.configuration.TargetMBean references

Response Body

Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
POST Begins the graceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on all targeted servers. (equivalent to `suspend(0, false)`) New requests are rejected and inflight work is allowed to complete.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST Begins the graceful transition of this resource group from the **RUNNING** state to the **ADMIN** state on the specified targets. (equivalent to `suspend(0, false, targets)`) New requests are rejected and inflight work is allowed to complete.

Use the returned `ResourceGroupLifeCycleTaskRuntimeMBean` value to check for completion.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- **targets**
  the specific targets on which to start this resource group

  **Type:** array of `weblogic.management.configuration.TargetMBean` references

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean` reference return field.

POST Begins to transition the resource group from **RUNNING** to **ADMIN** state gracefully on all targeted servers.
Applications are in admin mode. Inflight work is completed.
Use the returned ResourceGroupLifeCycleTaskRuntimeMBean value to check for completion.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

**timeout**
Seconds to wait for the resource group to transition gracefully. The resource group automatically calls forceSuspend() after timeout.
Type: int

**ignoreSessions**
drop inflight HTTP sessions during graceful suspend
Type: boolean

Response Body
Contains a JSON object with a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean reference return field.
This resource manages a collection of
weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean
instances.

The resource supports the following methods:

- GET
GET

Get this collection of 

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of 

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=canonical`
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name} rel=parent`
  
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=self`
  
  This resource.
This resource manages a weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean instance.

The resource supports the following methods:

- GET
GET


Roles

Admin, Deployer, Monitor, Operator

Response Body


This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/cancel rel=action title=cancel`
  This resource’s cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks rel=parent`
  The parent resource of this resource.

- `rel=parentTask`
  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name} rel=self`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=subTasks`
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task. An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.TaskRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.TaskRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=canonical
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name} rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel **rel**=action **title**=cancel
  
  This resource’s cancel action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name} **rel**=canonical

  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks **rel**=parent

  The parent resource of this resource.

- **rel**=parentTask

  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name} **rel**=self

  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks **rel**=subTasks

  This resource’s subTasks collection resource.
The resource supports the following methods:

- **POST**
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=parent`

  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=self`

  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel
rel=action title=cancel`

  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name} rel=canonical`

  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel
rel=parentTask`

  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel
rel=self`

  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/resourceGroupLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks
rel=subTasks`

  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/restartSystemResource

The resource supports the following methods:

- POST
POST

Restarts a system resource on all nodes to which it is deployed.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- `resource`
  - `resource`
  - Type: `weblogic.management.configuration.SystemResourceMBean reference`

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/rolloutService

This resource manages a weblogic.management.runtime.RolloutServiceRuntimeMBean instance.
The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.RolloutServiceRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.RolloutServiceRuntimeMBean` entity. This method can return the following links:

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/deleteWorkflow`<br>
  rel=`action` title=`deleteWorkflow`
  This resource’s deleteWorkflow action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/execScript`<br>
  rel=`action` title=`execScript`
  This resource’s execScript action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/executeWorkflow`<br>
  rel=`action` title=`executeWorkflow`
  This resource’s executeWorkflow action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/getWorkflowTask`<br>
  rel=`action` title=`getWorkflowTask`
  This resource’s getWorkflowTask action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/initializeRolloutOracleHome`<br>
  rel=`action` title=`initializeRolloutOracleHome`
  This resource’s initializeRolloutOracleHome action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/restartNodeManager`<br>
  rel=`action` title=`restartNodeManager`
  This resource’s restartNodeManager action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/revertWorkflow`<br>
  rel=`action` title=`revertWorkflow`
  This resource’s revertWorkflow action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/rollingRestart`<br>
  rel=`action` title=`rollingRestart`
  This resource’s rollingRestart action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/rolloutApplications`<br>
  rel=`action` title=`rolloutApplications`
  This resource’s rolloutApplications action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/rolloutJavaHome`<br>
  rel=`action` title=`rolloutJavaHome`
  This resource’s rolloutJavaHome action resource.

- **uri**: `/management/weblogic/{version}/domainRuntime/rolloutService/rolloutOracleHome`<br>
  rel=`action` title=`rolloutOracleHome`
This resource's rolloutOracleHome action resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/rolloutUpdate rel=action title=rolloutUpdate

This resource's rolloutUpdate action resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/shutdownServer rel=action title=shutdownServer

This resource's shutdownServer action resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/startServer rel=action title=startServer

This resource's startServer action resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows rel=allWorkflows

This resource's allWorkflows collection resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService rel=canonical

This resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows rel=inactiveWorkflows

This resource's inactiveWorkflows collection resource.

- uri="/management/weblogic/{version}/domainRuntime rel=parent

The parent resource of this resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService rel=self

This resource.

- uri="/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows rel=stoppedWorkflows

This resource's stoppedWorkflows collection resource.
This resource manages a collection of
weblogic.management.runtime.WorkflowTaskRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.WorkflowTaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/canResume **rel**=action **title**=canResume
  
  This resource’s canResume action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/cancel **rel**=action **title**=cancel
  
  This resource’s cancel action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/showNextExecuteStep **rel**=action **title**=showNextExecuteStep
  
  This resource’s showNextExecuteStep action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/showNextRevertStep **rel**=action **title**=showNextRevertStep
  
  This resource’s showNextRevertStep action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/waitFor **rel**=action **title**=waitFor
  
  This resource’s waitFor action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name} **rel**=canonical
  
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows {name} **rel**=parent
  
  The parent resource of this resource.

- **rel**=parentTask
  
  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name} **rel**=self
  
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks **rel**=subTasks
  
  This resource’s subTasks collection resource.
/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/cancel

The resource supports the following methods:

- POST
POST

Sets the cancel flag for the workflow. A canceled workflow will stop as soon as possible. If a command implements the CommandCancelInterface, it will be notified when this flag is set, otherwise, the command will either check it periodically, or the workflow will cancel when the current command completes.

The state of a cancelled command will be [@code CANCELED] or [@code REVERT_CANCELED].

Roles

Admin

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/canResume

The resource supports the following methods:

- POST
POST

It is possible to resume (execute or revert) a workflow if it was already executed and is in a FAIL, REVERT_FAIL, CANCELED or REVERT_CANCELED state.

Roles

Admin

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Get the next step that will be executed if the workflow is eligible to be resumed and
the user were to call execute on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/showNextRevertStep

The resource supports the following methods:

- POST
POST

Get the next step that will be reverted if the workflow is eligible to be resumed and the user were to call revert on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks` **rel**=canonical
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}` **rel**=parent
  
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks` **rel**=self
  
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/cancel rel=action title=cancel`
  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks rel=parent`
  The parent resource of this resource.

- `rel=parentTask`
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks rel=subTasks`
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks` **rel**=canonical
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}` **rel**=parent
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks` **rel**=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks/{name}/cancel` rel=action title=cancel
  This resource's cancel action resource.

- uri=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks/{name}` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks/{name}/subTasks` rel=parent
  The parent resource of this resource.

- rel=parentTask
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- uri=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks/{name}/subTasks` rel=self
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/rolloutService/allWorkflows/{name}/subTasks/{name}/subTasks/{name}/subTasks` rel=subTasks
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Waits for the process to finish.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Delete workflow data of finished workflow

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

workflowId

is ID of workflow to be deleted - `WorkflowTaskRuntimeMBean.getWorkflowId()`

Type: string

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Run a custom script from the domain/bin/patching directory on the specified Machine.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **machineName**
  Name of MachineMBean where the NodeManager runs
  Type: string

- **scriptId**
  Name of script to run
  Type: string

- **timeoutMillis**
  millis to wait for script exec to complete. Once the specified time has elapsed the script process is halted and the NodeManager returns the error denoting the timeout. Default is 0 where we block until completion.
  Type: long

Response Body

Contains a JSON object with a
weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Continue in workflow execution. Can be called only for terminated workflows. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

- `wfTask` which should be executed - continued. `delegate.isStopped()` must be `null`

  Type: `weblogic.management.runtime.WorkflowTaskRuntimeMBean` reference

Response Body

Contains a JSON object with a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

Returns [code WorkflowTaskRuntimeMBean] for given id. Progress must NOT be yet deleted and must be started by this service.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

id
of executed workflow
Type: string

Response Body

Contains a JSON object with a
weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
This resource manages a collection of
weblogic.management.runtime.WorkflowTaskRuntimeMBean instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of weblogic.management.runtime.WorkflowTaskRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.WorkflowTaskRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows rel=canonical
  This resource.
- uri=/management/weblogic/{version}/domainRuntime/rolloutService rel=parent
  The parent resource of this resource.
- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows rel=self
  This resource.
/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}

This resource manages a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/canResume` **rel**=action **title**=canResume
  
  This resource's canResume action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/cancel` **rel**=action **title**=cancel
  
  This resource's cancel action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/showNextExecuteStep` **rel**=action **title**=showNextExecuteStep
  
  This resource's showNextExecuteStep action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/showNextRevertStep` **rel**=action **title**=showNextRevertStep
  
  This resource's showNextRevertStep action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/waitFor` **rel**=action **title**=waitFor
  
  This resource's waitFor action resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}` **rel**=canonical
  
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows` **rel**=parent
  
  The parent resource of this resource.

- **rel**=parentTask
  
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks` **rel**=subTasks
  
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Sets the cancel flag for the workflow. A canceled workflow will stop as soon as possible. If a command implements the CommandCancelInterface, it will be notified when this flag is set, otherwise, the command will either check it periodically, or the workflow will cancel when the current command completes.

The state of a cancelled command will be [@code CANCELED] or [@code REVERT CANCELED].

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

It is possible to resume (execute or revert) a workflow if it was already executed and is in a FAIL, REVERT_FAIL, CANCELED or REVERT_CANCELED state.

Roles

Admin

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Get the next step that will be executed if the workflow is eligible to be resumed and the user were to call execute on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Get the next step that will be reverted if the workflow is eligible to be resumed and the user were to call revert on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
This resource manages a collection of

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri= management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks rel=canonical`
  
  This resource.

- `uri= /management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name} rel=parent`
  
  The parent resource of this resource.

- `uri= /management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks rel=self`
  
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/cancel rel=action title=cancel`
  
  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name} rel=canonical`

  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name} rel=parent`

  The parent resource of this resource.

- `rel=parentTask`

  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name} rel=self`

  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks rel=subTasks`

  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of weblogic.management.runtime.TaskRuntimeMBean instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks` rel=canonical
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}` rel=parent
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks` rel=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- **GET**
GET

Get this weblogic.management.runtime.TaskRuntimeMBean instance.

Roles

Admin, Deplyer, Monitor, Operator

Response Body

Contains a weblogic.management.runtime.TaskRuntimeMBean entity.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks/{name}/cancel rel=action
title=cancel
  This resource's cancel action resource.

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks/{name} rel=canonical
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks rel=parent
  The parent resource of this resource.

- rel=parentTask
  This resource's parentTask reference to a weblogic.management.runtime.TaskRuntimeMBean resource.

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks rel=self
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/rolloutService/inactiveWorkflows/{name}/subTasks/{name}/subTasks rel=subTasks
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Waits for the process to finish.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Creates but does not start a workflow that can be used to update OracleHome. rolloutUpdate(target, [patchedOracleHome, backupOracleHome, isRollback], [options])

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

**target**
can be the name of a domain, clusters or servers
Type: string

**rolloutOracleHome**
the location of the new OracleHome to use
Type: string

**backupOracleHome**
the location where the current OracleHome should be moved
Type: string

**isRollback**
true if the new OracleHome is a lower patch version than the current one
Type: string

**options**
comma separated list of <name>=<value> options
Type: string

Response Body

Contains a JSON object with a weblogic.management.runtime.RolloutTaskRuntimeMBean reference return field.
/management/weblogic/{version}/domainRuntime/rolloutService/restartNodeManager

The resource supports the following methods:

- POST
POST

Restart NodeManager. The java based NodeManager process will exit and the startNodeManager script will detect the need to restart and will restart the NodeManager using the same original call path that was used to start the NodeManager. If this call path was using a symbolic link, then the NodeManager will be started from the location of the symbolic link which may have the affect of starting the NodeManager with an updated set of binaries or scripts.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **machineName**
  Name of MachineMBean where NodeManager runs
  Type: string

- **isAdminServer**
  true if the affected server is the AdminServer
  Type: boolean

- **timeoutMillis**
  How long to wait for the client to reconnect to the NodeManager after it restarts. Timeout exceeded will consider the task failed and the NodeManager not reachable.
  Default is 3 minutes.
  Type: long

Response Body

Contains a JSON object with a domainRuntime/rolloutService/restartNodeManager reference return field.
The resource supports the following methods:

- POST
POST

Reverts workflow execution. Can be called only for terminated workflows. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

`wfTask` which should be reverted. `delegate.isStopped()` must be `null`

Type: weblogic.management.runtime.WorkflowTaskRuntimeMBean reference

Response Body

Contains a JSON object with a weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Creates and starts a workflow that can be used to update restart servers, one at a time. `rolloutUpdate(target, [patchedOracleHome, backupOracleHome, isRollback], [javaHome], [applicationProperties], [options])`

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

- **target**
  can be the name of a domain, clusters or servers
  Type: string

- **options**
  comma separated list of `<name>=<value>` options
  Type: string

Response Body

Contains a JSON object with a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

Creates and starts a workflow that can be used to update Applications.
rolloutUpdate(target, [applicationProperties], [options])

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin, admin

Request Body

Must contain a JSON object with the following fields:

**target**
can be the name of a domain, clusters or servers
Type: string

**applicationProperties**
the path of a formatted text file containing the information needed to upgrade applications
Type: string

**options**
comma separated list of <name>=<value> options
Type: string

Response Body

Contains a JSON object with a
weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
**POST**

Creates and starts a workflow that can be used to update JavaHome.
rolloutUpdate(target, [javaHome], [options])

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin

**Request Body**

Must contain a JSON object with the following fields:

- **target**
  - can be the name of a domain, clusters or servers
  - Type: string

- **javaHome**
  - the path to the new JavaHome directory
  - Type: string

- **options**
  - comma separated list of <name>=<value> options
  - Type: string

**Response Body**

Contains a JSON object with a
weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
/management/weblogic/{version}/domainRuntime/rolloutService/rolloutOracleHome

The resource supports the following methods:

- POST
POST

Creates and starts a workflow that can be used to update OracleHome. 
rolloutUpdate(target, [patchedOracleHome, backupOracleHome, isRollback], 
[options])

This method supports both asynchronous and best effort synchronous invocations. 
The behavior is controlled by the ‘Prefer’ header. See About Synchronous and 
Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

target
can be the name of a domain, clusters or servers
Type: string

rolloutOracleHome
the location of the new OracleHome to use
Type: string

backupOracleHome
the location where the current OracleHome should be moved
Type: string

isRollback
true if the new OracleHome is a lower patch version than the current one
Type: string

options
comma separated list of <name>=<value> options
Type: string

Response Body

Contains a JSON object with a 
weblogic.management.runtime.RolloutTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Creates and starts a workflow that can be used to update OracleHome, JavaHome, Applications, or any combination of those. rolloutUpdate(target, [patchedOracleHome, backupOracleHome, isRollback], [javaHome], [applicationProperties], [options])

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

target
can be the name of a domain, clusters or servers
Type: string

rolloutOracleHome
the location of the new OracleHome to use
Type: string

backupOracleHome
the location where the current OracleHome should be moved
Type: string

isRollback
true if the new OracleHome is a lower patch version than the current one
Type: string

javaHome
the path to the new JavaHome directory
Type: string

applicationProperties
the path of a formatted text file containing the information needed to upgrade applications
Type: string

options
comma separated list of <name>=<value> options
Type: string

Response Body

Contains a JSON object with a weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Shut downs the named server.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **serverName**
  Name of the server that needs to be shutdown
  Type: string

- **sessionTimeout**
  shutdownTimeout Time limit (in seconds) for server to complete a graceful shutdown. The default is 0 indicating no timeout.
  Type: int

- **ignoreSessions**
  Drop sessions immediately rather than waiting for them to complete or timeout.
  Type: boolean

- **waitForAllSessions**
  Wait for all sessions (even sessions backed by a server) to complete.
  Type: boolean

Response Body

Contains a JSON object with a weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
The resource supports the following methods:

- POST
POST

Starts the managed server (using the new path location).
This method supports both asynchronous and best effort synchronous invocations. 
The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

**serverName**
Name of managed server to be started
Type: string

**sessionTimeout**
(required for revert)shutdownTimeout Time limit (in seconds) for server to complete a graceful shutdown.
Type: int

**ignoreSessions**
(required for revert) Drop sessions immediately rather than waiting for them to complete or timeout.
Type: boolean

**waitForAllSessions**
Wait for all sessions (even sessions backed by a server) to complete.
Type: boolean

Response Body

Contains a JSON object with a
weblogic.management.runtime.WorkflowTaskRuntimeMBean reference return field.
This resource manages a collection of weblogic.management.runtime.WorkflowTaskRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.WorkflowTaskRuntimeMBean` entities.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows` rel=canonical
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService` rel=parent
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows` rel=self
  This resource.
This resource manages a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.WorkflowTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.WorkflowTaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/canResume rel=action title=canResume`
  - This resource's canResume action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/cancel rel=action title=cancel`
  - This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/showNextExecuteStep rel=action title=showNextExecuteStep`
  - This resource's showNextExecuteStep action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/showNextRevertStep rel=action title=showNextRevertStep`
  - This resource's showNextRevertStep action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/waitFor rel=action title=waitFor`
  - This resource's waitFor action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name} rel=canonical`
  - This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows rel=parent`
  - The parent resource of this resource.

- `rel=parentTask`
  - This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name} rel=self`
  - This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks rel=subTasks`
  - This resource's subTasks collection resource.
/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/cancel

The resource supports the following methods:

- POST
POST

Sets the cancel flag for the workflow. A canceled workflow will stop as soon as possible. If a command implements the CommandCancellInterface, it will be notified when this flag is set, otherwise, the command will either check it periodically, or the workflow will cancel when the current command completes.

The state of a cancelled command will be [@code CANCELED] or [@code REVERT CANCELED].

Roles

Admin

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/canResume

The resource supports the following methods:

- POST
POST

It is possible to resume (execute or revert) a workflow if it was already executed and is in a FAIL, REVERT_FAIL, CANCELED or REVERT_CANCELED state.

Roles

Admin

Response Body

Contains a JSON object with a boolean return field.
The resource supports the following methods:

- POST
POST

Get the next step that will be executed if the workflow is eligible to be resumed and the user were to call execute on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

Get the next step that will be reverted if the workflow is eligible to be resumed and the user were to call revert on it.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
This resource manages a collection of

The resource supports the following methods:

- GET
GET

Get this collection of weblogic.management.runtime.TaskRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.TaskRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/(version)/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks rel=canonical
  This resource.

- uri=/management/weblogic/(version)/domainRuntime/rolloutService/stoppedWorkflows/{name} rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/(version)/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks rel=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/cancel rel=action title=cancel
  This resource's cancel action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name} rel=canonical
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks rel=parent
  The parent resource of this resource.

- **rel**=parentTask
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name} rel=self
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks rel=subTasks
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks/{name}/cancel` `rel=action` `title=cancel`
  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks/{name}` `rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks` `rel=parent`
  The parent resource of this resource.

- `rel=parentTask`
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks` `rel=self`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/rolloutService/stoppedWorkflows/{name}/subTasks/{name}/subTasks/subTasks` `rel=subTasks`
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Waits for the process to finish.

Roles

Admin

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/search

The resource supports the following methods:

- POST
POST

Search the domainRuntime tree.

Request Body
The search request body includes the search criteria.

Response Body
The search response includes the results of the search.
This resource manages a collection of
weblogic.management.runtime.ServerLifeCycleRuntimeMBean instances.
The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.ServerLifeCycleRuntimeMBean` instances.

**Roles**

Admin, Deployer, Monitor, Operator

**Response Body**

Contains a list of `weblogic.management.runtime.ServerLifeCycleRuntimeMBean` entities.

This method can return the following links:

- undeleted
  - `uri`=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes`  
    `rel`=canonical
    This resource.

- undeleted
  - `uri`=`/management/weblogic/{version}/domainRuntime`  
    `rel`=parent
    The parent resource of this resource.

- undeleted
  - `uri`=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes`  
    `rel`=self
    This resource.
This resource manages a `weblogic.management.runtime.ServerLifeCycleRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.ServerLifeCycleRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ServerLifeCycleRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/forceShutdown rel=action title=forceShutdown`
  This resource's forceShutdown action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/forceSuspend rel=action title=forceSuspend`
  This resource's forceSuspend action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/getIPv4URL rel=action title=getIPv4URL`
  This resource's getIPv4URL action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/getIPv6URL rel=action title=getIPv6URL`
  This resource's getIPv6URL action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/resume rel=action title=resume`
  This resource's resume action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/shutdown rel=action title=shutdown`
  This resource's shutdown action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/start rel=action title=start`
  This resource's start action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/startInAdmin rel=action title=startInAdmin`
  This resource's startInAdmin action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/startInStandby rel=action title=startInStandby`
  This resource's startInStandby action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/suspend rel=action title=suspend`
  This resource's suspend action resource.
This resource.

- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes
  rel=parent
  The parent resource of this resource.

- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}
  rel=self
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks
  rel=tasks
  This resource's tasks collection resource.
The resource supports the following methods:

- POST
**POST**

Immediately transitions a server to the **SHUTDOWN** state. The server immediately terminates all current work, moves through the **SHUTTING_DOWN** state, and ends in the **SHUTDOWN** state.

You can forcefully shut down a server from any state except **UNKNOWN**.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.

**Example**

**Example 1  Synchronously Invoke the forceShutdown Action**

This example uses the POST method to synchronously invoke the forceShutdown action.

**Example Request**

```bash
curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d "{}" \
-X POST \
```

**Example Response**

```json
HTTP/1.1 200 OK

Response Body:
{
  "links": [{
    "rel": "job",
  }],
  "progress": "success",
  "serverName": "Cluster-0-Server-1",
  "operation": "forceShutdown",
  "taskStatus": "TASK COMPLETED",
  "completed": true
}
```
Example 2  Asynchronously Invoke the forceShutdown Action

This example uses the POST method to asynchronously invoke the forceShutdown action.

Example Request

curl -v \
--user admin:admin123 \n-H X-Requested-By:MyClient \n-H Accept:application/json \n-H Content-Type:application/json \n-d '{}' \n-H "Prefer:respond-async" \n-X POST 

Example Response

HTTP/1.1 202 Accepted

Location:

Response Body:
{
  'links': [{
    'rel': 'job',
  },
  'progress': 'processing',
  'serverName': 'Cluster-0-Server-1',
  'operation': 'forceShutdown',
  'taskStatus': 'TASK IN PROGRESS',
  'completed': false
}
The resource supports the following methods:

- POST
POST

Transitions the server from RUNNING to ADMIN state forcefully cancelling inflight work. Work that cannot be cancelled is dropped. Applications are brought into the admin mode forcefully.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean reference return field.

Example

Example 1  Synchronously Invoke the forceSuspend Action

This example uses the POST method to synchronously invoke the forceSuspend action.

Example Request

```
curl -v \n   --user admin:admin123 \n   -H X-Requested-By:MyClient \n   -H Accept:application/json \n   -H Content-Type:application/json \n   -d '{}' \n   -X POST http://localhost:7001/management/weblogic/latest/domainRuntime/serverLifeCycleRuntimes/Cluster-0-Server-1/forceSuspend?links=job,abort&fields=completed,progress,serverName,operation,taskStatus
```

Example Response

```
HTTP/1.1 200 OK

Response Body:
{
   'links': [{
      'rel': 'job',
   },
   'progress': 'success',
   'serverName': 'Cluster-0-Server-1',
   'operation': 'forceSuspend',
   'taskStatus': 'TASK COMPLETED',
   'completed': true
}
```
Example 2  Asynchronously Invoke the forceSuspend Action

This example uses the POST method to asynchronously invoke the forceSuspend action.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d "{}" \
-H "Prefer:respond-async" \
-X POST \

Example Response

HTTP/1.1 200 OK

Response Body:
{
  "links": [{
    "rel": "job",
  }],
  "progress": "success",
  "serverName": "Cluster-0-Server-1",
  "operation": "forceSuspend",
  "taskStatus": "TASK COMPLETED",
  "completed": true
}
The resource supports the following methods:

- POST
POST

The IPv4 URL that clients use when connecting to this server using the specified protocol.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **protocol**
  - the desired protocol
  - Type: string

Response Body

Contains a JSON object with a string return field.
The resource supports the following methods:

- POST
POST

The IPv6 URL that clients use when connecting to this server using the specified protocol.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **protocol**
  - the desired protocol
  - *Type:* string

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/resume

The resource supports the following methods:

- POST
POST

Transitions the server from ADMIN to RUNNING state.
This method supports both asynchronous and best effort synchronous invocations. 
The behavior is controlled by the 'Prefer' header. See About Synchronous and 
Asynchronous Operations.

Roles
Admin, Operator

Response Body
Contains a JSON object with a 
weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean reference return 
field.

Example

Example 1 Synchronously Invoke the resume Action
This example uses the POST method to synchronously invoke the resume action.

Example Request

curl -v 
--user admin:admin123 
-H X-Requested-By:MyClient 
-H Accept:application/json 
-H Content-Type:application/json 
-d '{}
-X POST

Example Response
HTTP/1.1 200 OK
Response Body:
{
   "links": [{
      "rel": "job",
   },
   "progress": "success",
   "serverName": "Cluster-0-Server-1",
   "operation": "resume",
   "taskStatus": "TASK COMPLETED",
   "completed": true
}

Example 2 Asynchronously Invoke the resume Action
This example uses the POST method to asynchronously invoke the resume action.
Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d '{}
-H 'Prefer:respond-async'
-X POST

Example Response

HTTP/1.1 202 Accepted

Location:

Response Body:
{
  'links': [{
    'rel': 'job',
  }],
  'progress': 'processing',
  'serverName': 'Cluster-0-Server-1',
  'operation': 'resume',
  'taskStatus': 'TASK IN PROGRESS',
  'completed': false
}
/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/shutdown

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST
- POST

POST

Gracefully transitions a server to the SHUTDOWN state. The server completes all current work before it shuts down.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.

Example

**Example 1  Synchronously Invoke the shutdown Action**

This example uses the POST method to synchronously invoke the shutdown action.

Example Request

```bash
```

Example Response

```
HTTP/1.1 200 OK

Response Body:
{
    'links': [{
        'rel': 'job',
    }],
    'progress': 'success',
```
"serverName": "Cluster-0-Server-1",
"operation": "shutdown",
"taskStatus": "TASK COMPLETED",
"completed": true
}

Example 2 Asynchronously Invoke the shutdown Action
This example uses the POST method to asynchronously invoke the shutdown action.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d "{}" \
-H 'Prefer:respond-async' \
-X POST

Example Response

HTTP/1.1 202 Accepted

Location:

Response Body:
{
  "links": [{
    "rel": "job",
  },
  "progress": "processing",
  "serverName": "Cluster-0-Server-1",
  "operation": "shutdown",
  "taskStatus": "TASK IN PROGRESS",
  "completed": false
}

Gracefully shutdown the server after handling inflight work. The following inflight work is handled:

- Pending transaction's and TLOG checkpoint
- Pending HTTP sessions
- Pending JMS work
- Pending work in the Work Managers
- RMI requests with tx context or administrator calls
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Request Body**

Must contain a JSON object with the following fields:

- **timeout**
  Number of seconds to wait before aborting inflight work and force shutting down the server.
  
  **Type:** int

- **ignoreSessions**
  Set to true to ignore pending HTTP sessions during inflight work handling.
  
  **Type:** boolean

- **waitForAllSessions**
  Set to true to wait for all HTTP sessions during inflight work handling; false to wait for non-persisted HTTP sessions only.
  
  **Type:** boolean

**Response Body**

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.

**Example**

**Example 1 Synchronously Invoke the shutdown Action**

This example uses the POST method to synchronously invoke the shutdown action.

**Example Request**

```
curl -v \
   --user admin:admin123 \
   -H X-Requested-By:MyClient \
   -H Accept:application/json \
   -H Content-Type:application/json \
   -d "{ timeout: 20, ignoreSessions: true, waitForAllSessions: true }" \
```

**Example Response**

```
HTTP/1.1 200 OK
```

Response Body:

```json
{
   'links': {} ...
```
Example 2  Asynchronously Invoke the shutdown Action
This example uses the POST method to asynchronously invoke the shutdown action.

Example Request

curl -v \
  --user admin:admin123 \
  -H X-Requested-By:MyClient \
  -H Accept:application/json \
  -H Content-Type:application/json \
  -d "{ timeout: 20, ignoreSessions: true, waitForAllSessions: true }" \
  -X POST \

Example Response

HTTP/1.1 202 Accepted

Location:

Response Body:
{
  "links": [
    {
      "rel": "job",
    }
  ],
  "progress": "processing",
  "serverName": "Cluster-0-Server-1",
  "operation": "shutdown",
  "taskStatus": "TASK IN PROGRESS",
  "completed": false
}
This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

Roles
Admin, Operator

Request Body
Must contain a JSON object with the following fields:

- **timeout**
  Number of seconds to wait before aborting inflight work and force shutting down the server.
  Type: int

- **ignoreSessions**
  Set to true to ignore pending HTTP sessions during inflight work handling.
  Type: boolean

Response Body
Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.

Example

**Example 1  Synchronously Invoke the shutdown Action**
This example uses the POST method to synchronously invoke the shutdown action.

Example Request
```
curl -v \
   --user admin:admin123 \
   -H X-Requested-By:MyClient \
   -H Accept:application/json \
   -H Content-Type:application/json \
   -d '{ timeout: 20, ignoreSessions: true }' \
   -X POST
times/Cluster-0-Server-1/shutdown?links=job,abort&fields=completed,progress,serverN
ame,operation,taskStatus
```

Example Response
```
HTTP/1.1 200 OK

Response Body:
{
   'links': [{
      'rel': 'job',
      'href':
ntimes/Cluster-0-Server-1/tasks/_11_shutdown",
   },
   'progress': 'success',
...}
```
"serverName": "Cluster-0-Server-1",
"operation": "shutdown",
"taskStatus": "TASK COMPLETED",
"completed": true
}

**Example 2 Asynchronously Invoke the shutdown Action**
This example uses the POST method to asynchronously invoke the shutdown action.

**Example Request**

```
curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d '{ timeout: 20, ignoreSessions: true }' \
-H 'Prefer:respond-async' \
-X POST
```

**Example Response**

HTTP/1.1 202 Accepted

Location:

Response Body:

```json
{
  "links": [{
    "rel": "job",
  },
  "progress": "processing",
  "serverName": "Cluster-0-Server-1",
  "operation": "shutdown",
  "taskStatus": "TASK IN PROGRESS",
  "completed": false
}
```
The resource supports the following methods:

- POST
The resource supports the following methods:
- POST
- POST

**POST**

Uses the Node Manager to start a Managed Server.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator

**Response Body**

Contains a JSON object with a weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean reference return field.

**Example**

**Example 1 Synchronously Invoke the start Action**

This example uses the POST method to synchronously invoke the start action.

**Example Request**

```bash
curl -v \
--user admin:admin123 \
-H 'X-Requested-By:MyClient' \
-H 'Accept:application/json' \
-H 'Content-Type:application/json' \
-d '{}' \
```

**Example Response**

```
HTTP/1.1 200 OK
```

Response Body:

```json
{
   "links": [{
      "rel": "job",
   }],
   "identity": {
      "serverLifeCycleRuntimeTimes": "Cluster-0-Server-1",
      "tasks": "_4_start"
   }
}
```
Example 2  Asynchronously Invoke the start Action

This example uses the POST method to asynchronously invoke the start action.

Example Request

curl -v \
  --user admin:admin123 \
  -H X-Requested-By:MyClient \n  -H Accept:application/json \n  -H Content-Type:application/json \n  -d '{}' \n  -H "Prefer:respond-async" \

Example Response

HTTP/1.1 202 Accepted


Response Body:

POST

Uses the Node Manager to start a Managed Server on the given machine.

This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

`disableMsiMode`: if true, the server will not start in Managed Server Independence mode

Type: boolean

Response Body

Contains a JSON object with a
weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean reference return
field.
/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/startInAdmin

The resource supports the following methods:

- POST
POST

Uses the Node Manager to start a Managed Server and place it in the `ADMIN` state. The server transitions through the following states:

```
SHUTDOWN > SUSPENDING > STANDBY > ADMIN
```

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.
The resource supports the following methods:

- POST
POST

Uses the Node Manager to start a Managed Server and place it in the STANDBY state. The server transitions through the following states:

SHUTDOWN > SUSPENDING > STANDBY

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.
/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/suspend

The resource supports the following methods:

- POST
POST

The resource supports the following methods:

- POST
- POST

POST

Gracefully suspends server to `ADMIN` state. New requests are rejected and inflight work is allowed to complete.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Response Body

Contains a JSON object with a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` reference return field.

Example

Example 1 Synchronously Invoke the suspend Action

This example uses the POST method to synchronously invoke the suspend action.

Example Request

curl -v \  
--user admin:admin123 \  
-H X-Requested-By:MyClient \  
-H Accept:application/json \  
-H Content-Type:application/json \  
-d "{}" \  
-X POST  

Example Response

HTTP/1.1 200 OK

Response Body:

```
{
    "links": [{
        "rel": "job",
    }],
    "progress": "success",
    "serverName": "Cluster-0-Server-1",
```
Example 2  Asynchronously Invoke the suspend Action

This example uses the POST method to asynchronously invoke the suspend action.

Example Request

```
curl -v \
   --user admin:admin123 \
   -H X-Requested-By:MyClient \
   -H Accept:application/json \
   -H Content-Type:application/json \
   -d '{}') \
   -H 'Prefer:respond-async' \
   -X POST \
```

Example Response

```
HTTP/1.1 202 Accepted
Response Body:
{
   'links': [{
      'rel': 'job',
   }],
   'progress': 'processing',
   'serverName': 'Cluster-0-Server-1',
   'operation': 'suspendWithTimeout',
   'taskStatus': 'TASK IN PROGRESS',
   'completed': false
}
```

**POST**

Transitions the server from **RUNNING** to **ADMIN** state gracefully.

Applications are in admin mode. Inflight work is completed.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the ‘Prefer’ header. See About Synchronous and Asynchronous Operations.

**Roles**

Admin, Operator
Request Body

Must contain a JSON object with the following fields:

- **timeout**
  
  Seconds to wait for server to transition gracefully. The server calls forceSuspend() after timeout.
  
  **Type**: int

- **ignoreSessions**
  
  drop inflight HTTP sessions during graceful suspend
  
  **Type**: boolean

Response Body

Contains a JSON object with a

Example

**Example 1  Synchronously Invoke the suspend Action**

This example uses the POST method to synchronously invoke the suspend action.

Example Request

```
curl -v \
   --user admin:admin123 \
   -H X-Requested-By:MyClient \
   -H Accept:application/json \
   -H Content-Type:application/json \
   -d '{ timeout: 10, ignoreSessions: true }' \
```

Example Response

```
HTTP/1.1 200 OK

Response Body:
{
   "links": [{
      "rel": "job",
   }],
   "progress": "success",
   "serverName": "Cluster-0-Server-1",
   "operation": "suspendWithTimeout",
   "taskStatus": "TASK COMPLETED",
   "completed": true
}
```
Example 2  Asynchronously Invoke the suspend Action

This example uses the POST method to asynchronously invoke the suspend action.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-H Content-Type:application/json \
-d '{ timeout: 10, ignoreSessions: true }' \
-H 'Prefer:respond-async' \

Example Response

HTTP/1.1 202 Accepted


Response Body:

{
'links': [{
'rel': 'job',
}],
'progress': 'processing',
'serverName': 'Cluster-0-Server-1',
'operation': 'suspendWithTimeout',
'taskStatus': 'TASK IN PROGRESS',
'completed': false
}
This resource manages a collection of `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks rel=canonical
  This resource.
- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name} rel=parent
  The parent resource of this resource.
- uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks rel=self
  This resource.

Example

Example 1  View the weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean Collection

This example uses the GET method to display the weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean instances in this collection.

Example Request

curl -v \
--user admin:admin123 \
-H X-Requested-By:MyClient \
-H Accept:application/json \
-X GET

Example Response

HTTP/1.1 200 OK

Response Body:

{ "items": [ 

{ 

'progress': 'success', 
'serverName': 'Cluster-0-Server-1', 
'operation': 'start', 
'completed': true

} ]
}
GET

```
},
{
  "progress": "success",
  "serverName": "Cluster-0-Server-1",
  "operation": "shutdown",
  "completed": true
},
{
  "progress": "success",
  "serverName": "Cluster-0-Server-1",
  "operation": "start",
  "completed": true
}
```

This resource manages a

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean` entity. This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/cancel rel=action title=cancel`
  This resource's cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=subTasks`
  This resource's subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}` rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks` rel=self
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.
The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel` `rel=action` `title=cancel`
  This resource’s cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}` `rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` `rel=subTasks`
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- **uri**=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` **rel**=`canonical`
  This resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}` **rel**=`parent`
  The parent resource of this resource.

- **uri**=`/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` **rel**=`self`
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance. The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel rel=action title=cancel`
  This resource’s cancel action resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name} rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=parent`
  The parent resource of this resource.

- `rel=parentTask`
  This resource’s parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks rel=subTasks`
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
/management/weblogic/{version}/domainRuntime/serverRuntimes

Monitors all the running servers in the WebLogic Server domain from the administration server. From this resource, you can monitor each managed server.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.ServerRuntimeMBean` instance.

**Roles**

Admin, Deployer, Monitor, Operator

**Response Body**

Contains a `weblogic.management.runtime.ServerRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serverRuntimes`  
  `rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime`  
  `rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/serverRuntimes`  
  `rel=self`
  This resource.
This resource manages a collection of
weblogic.management.runtime.ServiceMigrationDataRuntimeMBean instances.

The resource supports the following methods:

- GET
GET

Get this collection of
weblogic.management.runtime.ServiceMigrationDataRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.ServiceMigrationDataRuntimeMBean entities.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/serviceMigrationDataRuntimeMBeans rel=canonical
  This resource.
- uri=/management/weblogic/{version}/domainRuntime rel=parent
  The parent resource of this resource.
- uri=/management/weblogic/{version}/domainRuntime/serviceMigrationDataRuntimeMBeans rel=self
  This resource.
This resource manages a 
weblogic.management.runtime.ServiceMigrationDataRuntimeMBean instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.ServiceMigrationDataRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.ServiceMigrationDataRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/serviceMigrationDataRuntimes/{name} rel=canonical`  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/serviceMigrationDataRuntimes rel=parent`  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/serviceMigrationDataRuntimes/{name} rel=self`  
  This resource.
This resource manages a `weblogic.management.runtime.SNMPAgentRuntimeMBean` instance.

The resource supports the following methods:

- **GET**
GET

Get this `weblogic.management.runtime.SNMPAgentRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.SNMPAgentRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/SNMPAgentRuntime/invalidateLocalizedKeyCache rel=action title=invalidateLocalizedKeyCache`
  This resource’s `invalidateLocalizedKeyCache` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/SNMPAgentRuntime/outputCustomMBeansMIBModule rel=action title=outputCustomMBeansMIBModule`
  This resource’s `outputCustomMBeansMIBModule` action resource.

- `uri=/management/weblogic/{version}/domainRuntime/SNMPAgentRuntime rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/SNMPAgentRuntime rel=self`
  This resource.
The resource supports the following methods:

- POST
POST

Immediately invalidates the cached security keys for the specified WebLogic Server user.

An SNMP security key is an encrypted version of an SNMP agent's engine ID and an authentication password or privacy password. WebLogic Server generates one security key for each entry that you create in the SNMP credential map. When a WebLogic Server SNMP agent receives an SNMPv3 request, it compares the key that is in the request with its WebLogic Server keys. If it finds a match, it processes the request. The SNMP agent also encodes these keys in its responses and notifications. (You configure which keys are encoded when you create a trap destination.) Instead of regenerating the keys for each SNMPv3 communication, WebLogic Server caches the keys. To make sure that the cache contains the latest set of SNMP credentials, WebLogic Server periodically invalidates the cache. After the cache is invalidated, the next time an SNMP agent requests credentials, WebLogic Server regenerates the cache.

Note that making a change to the credential map does not automatically update the cache. Instead, the cache is updated only after it has been invalidated.

Instead of waiting for WebLogic Server to invalidate the cached entry for a key, you can invalidate it immediately.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

- **username**
  
  Name of the user
  
  Type: string

Response Body

Contains an empty JSON object.
The resource supports the following methods:

- POST
POST

Returns WebLogic Server's MIB module for custom MBeans as a `java.lang.String`. You can save the `String` to a file and then load the file into a MIB browser.

When you register custom MBeans in the WebLogic Server Runtime MBean Server, WebLogic Server adds entries to a runtime MIB module that it maintains for custom MBeans. For each custom MBean type, WebLogic Server adds a table to the MIB module. For each instance of the custom MBean, it adds a table row. While WebLogic Server does not persist the MIB module as a file or other data structure, the OIDs in the module remain constant across server sessions.

Roles

Admin

Response Body

Contains a JSON object with a string return field.
/management/weblogic/{version}/domainRuntime/startPartitionWait

The resource supports the following methods:

- POST
POST

Starts the Partition with initialState and within timeOut msec. This is synchronous operation, where the function will not return until the partition is started or an exception is thrown.

This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin

Request Body

Must contain a JSON object with the following fields:

partitionMBean

Type: weblogic.management.configuration.PartitionMBean reference

initialState

can be ADMIN or RUNNING, Default is RUNNING

Type: string

timeOut

Specifies the number of milliseconds to start a Partition. Throws InterruptedException if Partition is unable to start during that duration and leaves the Partition in UNKNOWN state. Default is 60000ms

Type: int

Response Body

Contains a JSON object with a weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean reference return field.
This resource manages a collection of `weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean entities.

This method can return the following links:

- **uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes rel=canonical**
  This resource.

- **uri=/management/weblogic/{version}/domainRuntime rel=parent**
  The parent resource of this resource.

- **uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes rel=self**
  This resource.
This resource manages a

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean` entity.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/shutdown rel=action title=shutdown`
  
  This resource’s shutdown action resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/softRestart rel=action title=softRestart`
  
  This resource’s softRestart action resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/start rel=action title=start`
  
  This resource’s start action resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name} rel=canonical`
  
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes rel=parent`
  
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks rel=tasks`
  
  This resource’s tasks collection resource.
/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/shutdown

The resource supports the following methods:

- POST
POST

Uses Node Manager to shut down a system component. This method supports both asynchronous and best effort synchronous invocations. The behavior is controlled by the 'Prefer' header. See About Synchronous and Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

props
properties to use when shutting down this system component. These properties are used by the nodemanager plugin.

Type: java.util.Properties

Response Body

Contains a JSON object with a
/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/softRestart

The resource supports the following methods:

- POST
POST

Uses Node Manager to signal a system component for softRestart.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

props
properties to use when soft-restarting this system component. These properties are
used by the nodemanager plugin.

Type: java.util.Properties

Response Body

Contains a JSON object with a
weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean
reference return field.
/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/start

The resource supports the following methods:

- POST
POST

Uses Node Manager to start a system component.
This method supports both asynchronous and best effort synchronous invocations.
The behavior is controlled by the 'Prefer' header. See About Synchronous and
Asynchronous Operations.

Roles

Admin, Operator

Request Body

Must contain a JSON object with the following fields:

- **props**
  properties to use when starting this system component. These properties are used by
  the nodemanager plugin.
  
  **Type**: java.util.Properties

Response Body

Contains a JSON object with a
weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean
reference return field.
This resource manages a collection of
weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean
instances.

The resource supports the following methods:

- GET
GET


Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean` entities.

This method can return the following links:

- uri=`/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks` rel=canonical
  This resource.

- uri=`/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}` rel=parent
  The parent resource of this resource.

- uri=`/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks` rel=self
  This resource.
This resource manages a

The resource supports the following methods:

- GET
GET

Get this
weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean
instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a
weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean
entity.

This method can return the following links:

- uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycl
eRuntimes/{name}/tasks/{name}/cancel rel=action title=cancel
  This resource’s cancel action resource.

- uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycl
eRuntimes/{name}/tasks/{name} rel=canonical
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycl
eRuntimes/{name}/tasks {name} rel=parent
  The parent resource of this resource.

- rel=parentTask
  This resource’s parentTask reference to a

- uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycl
eRuntimes/{name}/tasks/{name} rel=self
  This resource.

- uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycl
eRuntimes/{name}/tasks/{name}/subTasks rel=subTasks
  This resource’s subTasks collection resource.
The resource supports the following methods:

- POST
POST

Attempts to cancel this task. An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin, Operator

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- **GET**
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity.

This method can return the following links:

- **uri**= `/management/weblogic/{version}/domainRuntime/systemComponentLifecycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel` **rel**=action
  title=cancel
  This resource’s cancel action resource.

- **uri**= `/management/weblogic/{version}/domainRuntime/systemComponentLifecycleRuntimes/{name}/tasks/{name}/subTasks/{name}` **rel**=canonical
  This resource.

- **uri**= `/management/weblogic/{version}/domainRuntime/systemComponentLifecycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` **rel**=subTasks
  This resource’s subTasks collection resource.

- **uri**= `/management/weblogic/{version}/domainRuntime/systemComponentLifecycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks` **rel**=subTasks
  This resource’s subTasks collection resource.
/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/cancel

The resource supports the following methods:

- POST
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
This resource manages a collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

The resource supports the following methods:

- GET
GET

Get this collection of `weblogic.management.runtime.TaskRuntimeMBean` instances.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a list of `weblogic.management.runtime.TaskRuntimeMBean` entities.

This method can return the following links:

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=canonical`
  This resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name} rel=parent`
  The parent resource of this resource.

- `uri=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks rel=self`
  This resource.
This resource manages a `weblogic.management.runtime.TaskRuntimeMBean` instance.

The resource supports the following methods:

- GET
GET

Get this `weblogic.management.runtime.TaskRuntimeMBean` instance.

Roles

Admin, Deployer, Monitor, Operator

Response Body

Contains a `weblogic.management.runtime.TaskRuntimeMBean` entity. This method can return the following links:

- **uri**=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/cancel
  rel=action title=cancel
  This resource's cancel action resource.

- **uri**=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}
  rel=canonical
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks
  rel=parent
  The parent resource of this resource.

- **rel**=parentTask
  This resource's parentTask reference to a `weblogic.management.runtime.TaskRuntimeMBean` resource.

- **uri**=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks
  rel=self
  This resource.

- **uri**=/management/weblogic/{version}/domainRuntime/systemComponentLifeCycleRuntimes/{name}/tasks/{name}/subTasks/{name}/subTasks/{name}/subTasks
  rel=subTasks
  This resource's subTasks collection resource.
The resource supports the following methods:

- **POST**
POST

Attempts to cancel this task.
An exception is thrown to indicate failure to cancel the task. Not all tasks can be cancelled.

Roles

Admin

Response Body

Contains an empty JSON object.
The following sections describe the data models on which the REST resources operate. These data models describe the information exchanged in REST resources.

**java.lang.Throwable**
This entity represents errors and exceptions.
The properties of the java.lang.Throwable entity are as follows:

- **cause**
  This property contains the stack trace of errors and exceptions.
  **Type**: java.lang.Throwable

- **message**
  This property contains the reason why the error or exception was thrown.
  **Type**: string

**java.util.Date**
This entity represents a date as a string in ISO 8601 format, yyyy-MM-ddTHH:mm:ss.SSSX

**java.util.Properties**
This entity represents a JSONObject with a property for each property in the properties object, where the key is the property’s name and the value is a string containing the property’s value.

**weblogic.health.HealthState**
This entity represents the health of the services that are in a WebLogic server domain. Selected subsystems within each WebLogic Server instance monitor their health status based on criteria specific to the subsystem.
The properties of the weblogic.health.HealthState entity are as follows:

- **partitionName**
  This property indicates the partition name for which the health state is reported.
  **Type**: string
weblogic.health.Symptom

**state**
This property indicates the reported state as:
- **OK** - Service is healthy.
- **WARN** - Service could have problems in the future
- **CRITICAL** - Something must be done now to prevent service failure
- **FAILED** - Service has failed and must be restarted
- **OVERLOADED** - Service is functioning normally but there is too much work in it
- **UNKNOWN** - Service state cannot be determined

_Type:_ string

**subsystemName**
This property indicates the service for which the health state is reported.
_Type:_ string

**symptoms**
This property indicates the cause of the reported state.
_Type:_ array of weblogic.health.Symptom

weblogic.health.Symptom

This entity represents an observation reported by a service with its health state. A symptom can be used to determine the reason for the current health state of a WebLogic server.

The properties of the weblogic.health.Symptom entity are as follows:

**info**
This property provides additional information about the symptom if available.
_Type:_ string

**instanceId**
This property represents an identifier for the symptom.
_Type:_ string

**severity**
This property indicates a low, medium, or high severity level.
_Type:_ string

**type**
This property represents the cause of the symptom (low memory, network error, stuck threads, and so on).
_Type:_ string

weblogic.management.rest.bean.model.CurrentUser

The authenticated user that is making the request.

The properties of the weblogic.management.rest.bean.model.CurrentUser entity are as follows:
**partitionId**
The ID of the partition where the component that is being invoked resides.
*Type*: string

**partitionName**
The human readable name of the partition ID.
*Type*: string

**user**
The login of the user making this request, if the user has been authenticated, or null if the user has not been authenticated.
*Type*: string

---

**weblogic.management.rest.bean.model.Version**
A Version entity describes a version of the WebLogic Server resources.
The properties of the `weblogic.management.rest.bean.model.Version` entity are as follows:

**isLatest**
True if this is the default version.
*Type*: boolean

**lifecycle**
The lifecycle of this version: active or deprecated
*Type*: string

**version**
The name of this version.
*Type*: string

---

**weblogic.management.runtime.AppDeploymentRuntimeMBean**
This MBean provides deployment operations for an application. Currently only start and stop are supported. In the future, this MBean may be enhanced with operations to support deployment applications to the domain as well as extended WLS deployment features such as production redeployment and partial deployment of modules in an enterprise application.
The properties of the `weblogic.management.runtime.AppDeploymentRuntimeMBean` entity are as follows:

**applicationName**
The application's name.
*Type*: string

*Constraints*: Read Only, Restart Required

**applicationVersion**
The application's version identifier.
*Type*: string

*Constraints*: Read Only, Restart Required
**weblogic.management.runtime.AppRuntimeStateRuntimeMBean**

Provides access to runtime state for deployed applications.

The properties of the `weblogic.management.runtime.AppRuntimeStateRuntimeMBean` entity are as follows:

- **modules**
  
  The list of modules for the application. These modules can be used in module level targeting.
  
  **Type:** array of string
  
  **Constraints:** Read Only, Restart Required

- **name**
  
  The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
  
  **Type:** string
  
  **Constraints:** Read Only, Restart Required

- **partitionName**
  
  The name of the partition the application is in.
  
  **Type:** string
  
  **Constraints:** Read Only, Restart Required

- **type**
  
  Returns the type of the MBean.
  
  **Type:** string
  
  **Constraints:** Read Only, Restart Required

**weblogic.management.runtime.BatchJobRepositoryRuntimeMBean**

The properties of the `weblogic.management.runtime.BatchJobRepositoryRuntimeMBean` entity are as follows:

- **applicationIds**
  
  Type: array of string
  
  **Constraints:** Read Only, Restart Required

- **name**
  
  The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
  
  **Type:** string
  
  **Constraints:** Read Only, Restart Required

- **type**
  
  Returns the type of the MBean.
  
  **Type:** string
  
  **Constraints:** Read Only, Restart Required
**weblogic.management.runtime.DeploymentManagerMBean**

This MBean provides deployment operations.

A DeploymentManager object is a stateless interface into the WebLogic Server deployment framework. It currently provides access to the AppDeploymentRuntimeMBeans that allow the user to start and stop deployments. In the future, this MBean may be enhanced with operations to support deployment applications to the domain, as well as extended WebLogic Server deployment features, such as production redeployment and partial deployment of modules in an enterprise application.

---

**name**

The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

**Type:** string

**Constraints:** Read Only, Restart Required

---

**type**

Returns the type of the MBean.

**Type:** string

**Constraints:** Read Only, Restart Required

---

**weblogic.management.runtime.ConsoleRuntimeMBean**

Runtime services for the console.

The properties of the weblogic.management.runtime.ConsoleRuntimeMBean entity are as follows:

**enabled**

Is the console enabled?

**Type:** boolean

**Constraints:** Read Only, Restart Required

---

**homePageURL**

Gets the URL for the console’s home page

**Type:** string

**Constraints:** Read Only, Restart Required

---

**name**

The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

**Type:** string

**Constraints:** Read Only, Restart Required

---

**type**

Returns the type of the MBean.

**Type:** string

**Constraints:** Read Only, Restart Required
This MBean emits notifications when an application is created or removed and when the application state changes. The notification types are:

- appdeployment.created
- appdeployment.deleted
- appdeployment.state.new
- appdeployment.state.prepared
- appdeployment.state.admin
- appdeployment.state.active
- appdeployment.state.retired
- appdeployment.state.failed
- appdeployment.state.update.pending
- appdeployment.state.unknown

The userdata is the object name of the application.

The properties of the weblogic.management.runtime.DeploymentManagerMBean entity are as follows:

**maximumDeploymentProgressObjectsCount**
The maximum number of progress objects allowed.

**Type**: int

**Constraints**: Restart Required

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

**Type**: string

**Constraints**: Read Only, Restart Required

**type**
Returns the type of the MBean.

**Type**: string

**Constraints**: Read Only, Restart Required

---

**weblogic.management.runtime.DeploymentProgressObjectMBean**

This MBean is the user API for monitoring deployment operations and exists only on an Administration Server. Currently only start and stop operations initiated by AppDeploymentRuntimeMBean are supported.

The properties of the weblogic.management.runtime.DeploymentProgressObjectMBean entity are as follows:

**applicationName**
The name of the application for the current deployment operation.

**Type**: string

**Constraints**: Read Only, Restart Required
**completed**
This property indicates whether an asynchronous job has completed.

*Type*: boolean

**deploymentMessages**
Provides an ordered array of status messages generated for the current deployment operation.

*Type*: array of string

*Constraints*: Read Only, Restart Required

**endTime**
This property indicates the time when the asynchronous job ended.

*Type*: java.util.Date

**failedTargets**
The targets on which the current deployment operation failed.

*Type*: array of string

*Constraints*: Read Only, Restart Required

**id**
The unique ID for the current deployment operation.

*Type*: string

*Constraints*: Read Only, Restart Required

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type*: string

*Constraints*: Read Only, Restart Required

**operationType**
The deployment operation type for the current deployment operation. Possible values are 1 (start) and 2 (stop).

*Type*: int

*Constraints*: Read Only, Restart Required

**progress**
This property indicates whether an asynchronous job has succeeded, failed, or is in progress.

*Type*: string

**rootExceptions**
If the current deployment operation has failed, this method may return zero or more exception(s) which represent the root cause of the failure. The array will not contain WLS exception classes; instead they will be new Exceptions containing the stack traces and messages from the original WLS Exceptions.

*Type*: array of java.lang.Throwable

*Constraints*: Read Only, Restart Required
**startTime**
This property indicates the time when an asynchronous job was started.

*Type*: java.util.Date

**startTimeAsLong**
The time that the current deployment operation began. The value is in milliseconds consistent with the system time.

*Type*: long

*Constraints*: Read Only, Restart Required

**state**
The state of the current deployment operation. Possible values are STATEInicialized, STATE_RUNNING, STATE_COMPLETED, STATE_FAILED and STATE_DEFERRED.

*Type*: string

*Constraints*: Read Only, Restart Required

**targets**
The targets specified for the current deployment operation.

*Type*: array of string

*Constraints*: Read Only, Restart Required

**type**
Returns the type of the MBean.

*Type*: string

*Constraints*: Read Only, Restart Required

---

**weblogic.management.runtime.DomainPartitionRuntimeMBean**

This class is used for domain level partition handling.

The properties of the weblogic.management.runtime.DomainPartitionRuntimeMBean entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type*: string

*Constraints*: Read Only, Restart Required

**partitionID**
Returns partition ID value for corresponding partition.

*Type*: string

*Constraints*: Read Only, Restart Required

**type**
Returns the type of the MBean.

*Type*: string

*Constraints*: Read Only, Restart Required
**weblogic.management.runtime.DomainRuntimeMBean**

This class is used for monitoring a WebLogic domain. A domain may contain zero or more clusters. A cluster may be looked up by a logical name.

The properties of the weblogic.management.runtime.DomainRuntimeMBean entity are as follows:

- **activationTime**
  The time when the domain became active.
  
  **Type**: java.util.Date
  **Constraints**: Read Only, Restart Required

- **currentDomainPartitionRuntime**
  Returns the domain partition runtime MBean for the “current” partition
  
  **Type**: weblogic.management.runtime.DomainPartitionRuntimeMBean reference
  **Constraints**: Read Only, Restart Required

- **name**
  The user-specified name of this MBean instance.
  This name is included as one of the key properties in the MBean's javax.management.ObjectName
  
  **Name=** user-specified-name
  
  **Type**: string
  **Constraints**: Read Only, Restart Required

- **type**
  Returns the type of the MBean.
  
  **Type**: string
  **Constraints**: Read Only, Restart Required

**weblogic.management.runtime.EditSessionConfigurationManagerMBean**

The properties of the weblogic.management.runtime.EditSessionConfigurationManagerMBean entity are as follows:

- **name**
  The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
  
  **Type**: string
  **Constraints**: Read Only, Restart Required

- **type**
  Returns the type of the MBean.
  
  **Type**: string
  **Constraints**: Read Only, Restart Required
weblogic.management.runtime.EditSessionConfigurationRuntimeMBean

The properties of the weblogic.management.runtime.EditSessionConfigurationRuntimeMBean entity are as follows:

creator
The original creator of the edit session.
Type: string
Constraints: Read Only, Restart Required

currentEditor
The current editor of the edit session. The editor owns the lock.
Type: string
Constraints: Read Only, Restart Required

description
The description of the edit session configuration.
Type: string
Constraints: Read Only, Restart Required

editSessionName
The name of the edit session configuration.
Type: string
Constraints: Read Only, Restart Required

editSessionServerJndi
The JNDI name of the related EditSessionServer
Type: string
Constraints: Read Only, Restart Required

mergeNeeded
Returns true if another edit session activates its changes after the last activation of this edit session or after its creation but before this edit session was ever activated.
It indicates that this edit session configuration is probably not the actual runtime configuration. Use the resolve method to merge changes to this configuration.
If this edit session configuration was also modified then there can be conflicts between this session and the runtime configuration. Use the resolve method to remove possible inconsistencies.
Type: boolean
Constraints: Read Only, Restart Required

name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
Type: string
Constraints: Read Only, Restart Required
**partitionName**
The partition name to which this edit session belongs.
*Type: string*
*Constraints: Read Only, Restart Required*

**type**
Returns the type of the MBean.
*Type: string*
*Constraints: Read Only, Restart Required*

**weblogic.management.runtime.ElasticServiceManagerRuntimeMBean**
The properties of the `weblogic.management.runtime.ElasticServiceManagerRuntimeMBean` entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
*Type: string*
*Constraints: Read Only, Restart Required*

**type**
Returns the type of the MBean.
*Type: string*
*Constraints: Read Only, Restart Required*

**weblogic.management.runtime.LibDeploymentRuntimeMBean**
This MBean provides deployment operations for a library.
The properties of the `weblogic.management.runtime.LibDeploymentRuntimeMBean` entity are as follows:

**implementationVersion**
The library’s implementation version, null if none is set
*Type: string*
*Constraints: Read Only, Restart Required*

**libraryIdentifier**
The library’s identifier.
*Type: string*
*Constraints: Read Only, Restart Required*

**libraryName**
The library’s name.
*Type: string*
*Constraints: Read Only, Restart Required*
name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

Type: string
Constraints: Read Only, Restart Required

partitionName
The name of the partition the library is in.

Type: string
Constraints: Read Only, Restart Required

specificationVersion
The library’s specification version, null if none is set

Type: string
Constraints: Read Only, Restart Required

type
Returns the type of the MBean.

Type: string
Constraints: Read Only, Restart Required

weblogic.management.runtime.LogRuntimeMBean
This interface defines the control operations for a log in the WebLogic Server.
The properties of the weblogic.management.runtime.LogRuntimeMBean entity are as follows:

logFileStreamOpened
Gets the opened state of the log file stream represented by this instance.

Type: boolean
Constraints: Read Only, Restart Required

name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

Type: string
Constraints: Read Only, Restart Required

type
Returns the type of the MBean.

Type: string
Constraints: Read Only, Restart Required

weblogic.management.runtime.MessageDrivenControlEJBRuntimeMBean
This interface contains controls to suspend and resume the MDBs. This RuntimeMBean is deployed only on the AdminServer.
The properties of the `weblogic.management.runtime.MessageDrivenControlEJBRuntimeMBean` entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

Type: string
Constraints: Read Only, Restart Required

**type**
Returns the type of the MBean.

Type: string
Constraints: Read Only, Restart Required

---

**weblogic.management.runtime.MigratableServiceCoordinatorRuntimeMBean**

This class is used for monitoring the Migratable Service Coordinator.

The properties of the `weblogic.management.runtime.MigratableServiceCoordinatorRuntimeMBean` entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

Type: string
Constraints: Read Only, Restart Required

**type**
Returns the type of the MBean.

Type: string
Constraints: Read Only, Restart Required

---

**weblogic.management.runtime.MigrationDataRuntimeMBean**

Runtime information about one past or ongoing migration.

The properties of the `weblogic.management.runtime.MigrationDataRuntimeMBean` entity are as follows:

**clusterMasterName**
Name of the server that acted as the cluster master for this migration.

Type: string
Constraints: Read Only, Restart Required

**clusterName**
Name of the server that acted as the cluster master for this migration.

Type: string
Constraints: Read Only, Restart Required

machineMigratedFrom
Machine from which the server was migrated from
Type: string
Constraints: Read Only, Restart Required

machineMigratedTo
Machine to which the server was migrated to or is in the process of being migrated to.
Type: string
Constraints: Read Only, Restart Required

machinesAttempted
Get all the machines attempted for migration.
Type: array of string
Constraints: Read Only, Restart Required

migrationEndTime
End time of migration
Type: long
Constraints: Read Only, Restart Required

migrationStartTime
Start time of migration
Type: long
Constraints: Read Only, Restart Required

name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
Type: string
Constraints: Read Only, Restart Required

serverName
Name of the server migrated
Type: string
Constraints: Read Only, Restart Required

status
Name of the server migrated
Type: int
Constraints: Read Only, Restart Required

type
Returns the type of the MBean.
Type: string
Constraints: Read Only, Restart Required
**weblogic.management.runtime.NodeManagerRuntimeMBean**

Provides methods for retrieving runtime information about a server instance and for transitioning a server from one state to another.

The properties of the `weblogic.management.runtime.NodeManagerRuntimeMBean` entity are as follows:

- **name**
  - The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
  - **Type**: string
  - **Constraints**: Read Only, Restart Required

- **reachable**
  - **Type**: boolean
  - **Constraints**: Read Only, Restart Required

- **type**
  - Returns the type of the MBean.
  - **Type**: string
  - **Constraints**: Read Only, Restart Required

**weblogic.management.runtime.PartitionLifeCycleRuntimeMBean**

Provides methods that transition partitions from one state to another. This class is instantiated once for each partition but only on the Administration Server. Even so, you can use a partition’s instance to change the state of the partition on Managed Servers as well as on the Administration Server.

**Detecting when Operations Complete**

Methods representing operations on partitions return a `PartitionLifeCycleTaskRuntimeMBean` object. The caller should monitor the returned instance, invoking its `PartitionLifeCycleTaskRuntimeMBean#isRunning()` method to detect when the operation has completed. In particular, the caller should not rely on the value returned from `getState()` to indicate when an operation on a partition that is targeted to multiple servers has finished. That value will be accurate as described in detail on `getState()` but can change before the operation has finished.

**Desired States**

The system tracks the desired state for each partition, which defaults to the state `SHUTDOWN` and substate `HALTED`. Whenever a lifecycle operation method is called the system not only performs the requested action on the partition but also records the resulting state as the new desired state for the partition.

The system uses the desired state for a partition to bring the partition to the correct state during server restart. It can also be used when the `getState()` method computes the overall state for the partition.

The properties of the `weblogic.management.runtime.PartitionLifeCycleRuntimeMBean` entity are as follows:
name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

Type: string
Constraints: Read Only, Restart Required

state
The current overall state of the partition.

The value returned is the highest state for the partition on all servers where it is targeted. As a result, the overall partition state can change (for example, to RUNNING) as soon as the operation (such as start) has finished on one server, even while the operation is still in progress elsewhere.

If the partition is not currently targeted to any running server then its reported state is the desired state indicated by the most recent partition life cycle operation on the partition.

Type: string
Constraints: Read Only, Restart Required

subState
The current substate of the partition. It is mostly useful for knowing whether the partition is completely shutdown and the administrative resource groups are not running, in which case this method returns HALTED, or if the partition is in the SHUTDOWN.BOOTED state and the administrative resource groups are running, in which case this method returns BOOTED.

Type: string
Constraints: Read Only, Restart Required

type
Returns the type of the MBean.

Type: string
Constraints: Read Only, Restart Required

weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean
Exposes information about a long-running task related to the partition life cycle.

The properties of the weblogic.management.runtime.PartitionLifeCycleTaskRuntimeMBean entity are as follows:

completed
This property indicates whether an asynchronous job has completed.

Type: boolean

description
A description of this task.

Type: string
Constraints: Read Only, Restart Required
endTime
This property indicates the time when the asynchronous job ended.
Type: java.util.Date

name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
Type: string
Constraints: Read Only, Restart Required

operation
Returns the name of the current operation.
Type: string
Constraints: Read Only, Restart Required

parentTask
The task of which this task is a part.
A value of null indicates that this task is not a subtask.
Type: weblogic.management.runtime.TaskRuntimeMBean reference
Constraints: Read Only, Restart Required

partitionName
Returns the name of the partition being operated on.
Type: string
Constraints: Read Only, Restart Required

progress
The progress of this task.
Type: string
Constraints: Read Only, Restart Required

running
Indicates whether the task is still running.
Type: boolean
Constraints: Read Only, Restart Required

serverName
Returns the name of the server on which operation happens.
Type: string
Constraints: Read Only, Restart Required

startTime
This property indicates the time when an asynchronous job was started.
Type: java.util.Date

startTimeAsLong
The time at which this task was started.
Type: long
**weblogic.management.runtime.PartitionUserFileSystemManagerMBean**

This class is used for partition user file system handling.

The properties of the
weblogic.management.runtime.PartitionUserFileSystemManagerMBean entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type:* string

*Constraints:* Read Only, Restart Required

**type**
Returns the type of the MBean.

*Type:* string

*Constraints:* Read Only, Restart Required

---

**weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean**

Provides methods that transition resource groups from one state to another. This class is instantiated once for each resource group but only on the Administration Server. Even so, you can use a resource group's instance to change the state of the resource group on Managed Servers as well as on the Administration Server.

**Detecting when Operations Complete**
Methods representing operations on resource groups return a ResourceGroupLifeCycleTaskRuntimeMBean object. The caller should monitor the returned instance, invoking its ResourceGroupLifeCycleTaskRuntimeMBean#isRunning() method to detect when the operation has completed. In particular, the caller should not rely on the value returned from getState() to indicate when an operation on a resource group that is targeted to multiple servers has finished. That value will be accurate as described in detail on getState() but can change before the operation has finished.

**Desired States**

The system tracks the desired state for each resource group, which defaults to the state **RUNNING**. Whenever a lifecycle operation method is called the system not only performs the requested action on the resource group but also records the resulting state as the new desired state for the resource group.

The system uses the desired state for a resource group to bring the resource group to the correct state during server and partition start-up. The desired can also be used when the getState() method computes the overall state for the resource group.

The properties of the weblogic.management.runtime.ResourceGroupLifeCycleRuntimeMBean entity are as follows:

**name**

The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type:* string  
*Constraints:* Read Only, Restart Required

**state**

The current overall state of the resource group.

The value returned is the highest state for the resource group on all servers where it is targeted. As a result, the overall resource group state can change (for example, to **RUNNING**) as soon as the operation (such as start) has finished on one server, even while the operation is still in progress elsewhere.

If the resource group is not currently targeted to any running server then its reported state is the desired state indicated by the most recent resource group life cycle operation on the resource group.

*Type:* string  
*Constraints:* Read Only, Restart Required

**type**

Returns the type of the MBean.

*Type:* string  
*Constraints:* Read Only, Restart Required

The properties of the weblogic.management.runtime.ResourceGroupLifeCycleTaskRuntimeMBean entity are as follows:
**completed**
This property indicates whether an asynchronous job has completed.
**Type:** boolean

**description**
A description of this task.
**Type:** string
**Constraints:** Read Only, Restart Required

**endTime**
This property indicates the time when the asynchronous job ended.
**Type:** java.util.Date

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
**Type:** string
**Constraints:** Read Only, Restart Required

**operation**
Returns the name of the current operation.
**Type:** string
**Constraints:** Read Only, Restart Required

**parentTask**
The task of which this task is a part.
A value of null indicates that this task is not a subtask.
**Type:** weblogic.management.runtime.TaskRuntimeMBean reference
**Constraints:** Read Only, Restart Required

**progress**
The progress of this task.
**Type:** string
**Constraints:** Read Only, Restart Required

**resourceGroupName**
Returns the name of the resource group being operated on.
**Type:** string
**Constraints:** Read Only, Restart Required

**running**
Indicates whether the task is still running.
**Type:** boolean
**Constraints:** Read Only, Restart Required

**serverName**
Returns the name of the server on which operation happens.
**Type:** string
weblogic.management.runtime.RolloutServiceRuntimeMBean

The properties of the weblogic.management.runtime.RolloutServiceRuntimeMBean entity are as follows:

name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
Type: string
Constraints: Read Only, Restart Required

type
Returns the type of the MBean.
Type: string
Constraints: Read Only, Restart Required
weblogic.management.runtime.SNMPAgentRuntimeMBean

Runtime information for an SNMP agent that is running in the current WebLogic Server domain.

The properties of the weblogic.management.runtime.SNMPAgentRuntimeMBean entity are as follows:

**SNMPAgentName**

Gets the name of the SNMPAgent MBean configuration that is currently active. Returns null if no SNMPAgent configuration is currently active on this Server.

*Type*: string

*Constraints*: Read Only, Restart Required

**UDPListenPort**

The UDP port on which this SNMP agent is listening for incoming requests from SNMP managers.

SNMP agents can also communicate through the host server's TCP listen port (7001 by default) or through a TCP port that is configured by a custom network channel.

*Type*: int

*Constraints*: Read Only, Restart Required

**attributeChangeTrapCount**

The number of attribute change notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

*Type*: long

*Constraints*: Read Only, Restart Required

**counterMonitorTrapCount**

The number of counter monitor notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

*Type*: long

*Constraints*: Read Only, Restart Required

**failedAuthenticationCount**

The number of requests that this agent has rejected because of incorrect user credentials.

*Type*: int

*Constraints*: Read Only, Restart Required

**failedAuthorizationCount**

The number of requests that this agent has rejected because an authenticated user does not have sufficient privileges to view the requested information. You use the WebLogic Server security realm to assign privileges to users.

*Type*: int

*Constraints*: Read Only, Restart Required

**failedEncryptionCount**

The number of requests that this agent has rejected because of incorrect privacy (encryption) credentials.
Type: int

**Constraints:** Read Only, Restart Required

### gaugeMonitorTrapCount
The number of gauge monitor notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

**Type:** long

**Constraints:** Read Only, Restart Required

### logMessageTrapCount
The number of log message notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

**Type:** long

**Constraints:** Read Only, Restart Required

### masterAgentXPort
The port that this SNMP agent uses to communicate with subagents.

The agent uses subagents to provide access to custom MBeans (MBeans that you create and register) and to other Oracle software components. WebLogic Server SNMP agents do not enable users to register their own subagents.

**Type:** int

**Constraints:** Read Only, Restart Required

### monitorTrapCount
The total number of all notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

**Type:** long

**Constraints:** Read Only, Restart Required

### name
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

**Type:** string

**Constraints:** Read Only, Restart Required

### running
Indicates whether this SNMP agent is running.

**Type:** boolean

**Constraints:** Read Only, Restart Required

### serverStartTrapCount
The number of serverStart notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.

**Type:** long

**Constraints:** Read Only, Restart Required

### serverStopTrapCount
The number of serverShutdown notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.
The properties of the weblogic.management.runtime.ScalingTaskRuntimeMBean entity are as follows:

**clusterName**
Type: string

**completed**
This property indicates whether an asynchronous job has completed.
Type: boolean

**description**
A description of this task.
Type: string

**endTime**
This property indicates the time when the asynchronous job ended.
Type: java.util.Date

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
Type: string

**parentTask**
The task of which this task is a part.
A value of null indicates that this task is not a subtask.
Type: weblogic.management.runtime.TaskRuntimeMBean reference

**stringMonitorTrapCount**
The number of string monitor notifications that this SNMP agent has sent to all trap destinations since the agent’s host server was started.
Type: long

**type**
Returns the type of the MBean.
Type: string

Constraints: Read Only, Restart Required
**progress**
The progress of this task.
Type: string
**Constraints:** Read Only, Restart Required

**running**
Indicates whether the task is still running.
Type: boolean
**Constraints:** Read Only, Restart Required

**scaledInstanceNames**
Type: array of string
**Constraints:** Read Only, Restart Required

**scalingType**
Type: string
**Constraints:** Read Only, Restart Required

**selectedInstanceMetadata**
Type: java.util.Properties
**Constraints:** Read Only, Restart Required

**selectedInstanceNames**
Type: array of string
**Constraints:** Read Only, Restart Required

**startTime**
This property indicates the time when an asynchronous job was started.
Type: java.util.Date

**startTimeAsLong**
The time at which this task was started.
Type: long
**Constraints:** Read Only, Restart Required

**success**
Type: boolean
**Constraints:** Read Only, Restart Required

**systemTask**
Indicates whether this task was initiated by the server versus a user.
Type: boolean
**Constraints:** Read Only, Restart Required

**taskError**
Returns an exception describing the error, if any, that occurred while performing this task.
Type: java.lang.Throwable
**Constraints:** Read Only, Restart Required
weblogic.management.runtime.ServerLifeCycleRuntimeMBean

Provides methods that transition servers from one state to another. This class is instantiated only on the Administration Server, but you can use it to transition the states of Managed Servers as well as Administration Servers.

You cannot use it to start an Administration Server, and if you want to use it to start Managed Servers, you must first set up a Node Manager on each Managed Server’s host machine.

If you want to use the methods that transition a server into the \textit{ADMIN} state, you must first set up an administration channel for that server.

The properties of the weblogic.management.runtime.ServerLifeCycleRuntimeMBean entity are as follows:

\textbf{middlewareHome}
The Oracle Middleware installation directory.

\textbf{type: string}

\textbf{Constraints: Read Only, Restart Required}

\textbf{name}
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

\textbf{Type: string}

\textbf{Constraints: Read Only, Restart Required}

\textbf{nodeManagerRestartCount}
Number of times the server has been restarted using the NodeManager since creation. The first start does not count. The count is valid only if the NodeManager is used to start and restart the server everytime.

\textbf{Type: int}

\textbf{Constraints: Read Only, Restart Required}

\textbf{state}
The current state of the server.

\textbf{Type: string}

\textbf{Constraints: Read Only, Restart Required}

\textbf{type}
Returns the type of the MBean.
weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean

Exposes monitoring information about a server's lifecycle. Remote clients as well as clients running within a server can access this information.

An operation (task) to change a server's state will fork a separate thread to perform the actual work and immediately return an instance of this MBean to the caller. The caller can then use this MBean to track the task's progress as desired.

The properties of the weblogic.management.runtime.ServerLifeCycleTaskRuntimeMBean entity are as follows:

**completed**
- This property indicates whether an asynchronous job has completed.
- **Type**: boolean

**description**
- A description of this task.
- **Type**: string
- **Constraints**: Read Only, Restart Required

**endTime**
- This property indicates the time when the asynchronous job ended.
- **Type**: java.util.Date

**name**
- The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
- **Type**: string
- **Constraints**: Read Only, Restart Required

**operation**
- Gets the name of the method that was invoked on the ServerLifeCycleRuntime to initiate this task.
- **Type**: string
- **Constraints**: Read Only, Restart Required

**parentTask**
- The task of which this task is a part.
- A value of null indicates that this task is not a subtask.
- **Type**: weblogic.management.runtime.TaskRuntimeMBean reference
Constraints: Read Only, Restart Required

**progress**
The progress of this task.

**Type**: string

Constraints: Read Only, Restart Required

**running**
Indicates whether the task is still running.

**Type**: boolean

Constraints: Read Only, Restart Required

**serverName**
The name of the server.

**Type**: string

Constraints: Read Only, Restart Required

**startTime**
This property indicates the time when an asynchronous job was started.

**Type**: java.util.Date

**startTimeAsLong**
The time at which this task was started.

**Type**: long

Constraints: Read Only, Restart Required

**systemTask**
Indicates whether this task was initiated by the server versus a user.

**Type**: boolean

Constraints: Read Only, Restart Required

**taskError**
Returns an exception describing the error, if any, that occurred while performing this task.

**Type**: java.lang.Throwable

Constraints: Read Only, Restart Required

**taskStatus**
The status of this task.

**Type**: string

Constraints: Read Only, Restart Required

**type**
Returns the type of the MBean.

**Type**: string

Constraints: Read Only, Restart Required
weblogic.management.runtime.ServerRuntimeMBean

Provides methods for retrieving runtime information about a server instance and for transitioning a server from one state to another.

The properties of the weblogic.management.runtime.ServerRuntimeMBean entity are as follows:

**SSLListenPortEnabled**
Indicates whether the default SSL listen port is enabled on the server

*Type*: boolean

*Constraints*: Read Only, Restart Required

**activationTime**
The time when the server was started.

*Type*: long

*Constraints*: Read Only, Restart Required

**adminServer**
Indicates whether the server is an Administration Server.

*Type*: boolean

*Constraints*: Read Only, Restart Required

**adminServerHost**
The address on which the Administration Server is listening for connections. For example, this might return the string: santiago

*Type*: string

*Constraints*: Read Only, Restart Required

**adminServerListenPort**
The port on which the Administration Server is listening for connections.

*Type*: int

*Constraints*: Read Only, Restart Required

**adminServerListenPortSecure**
Indicates whether the port that the server uses for administrative traffic is configured to use a secure protocol.

*Type*: boolean

*Constraints*: Read Only, Restart Required

**administrationPortEnabled**
Indicates whether the administration port is enabled on the server

*Type*: boolean

*Constraints*: Read Only, Restart Required

**administrationURL**
The URL that the server and its clients use for administrative connections.

If no administration channel is enabled, then this method returns the URL for connections through the default channel. If the default channel is de-activated, this
method returns the URL for a secure channel. If no secure channel is enabled, the method returns null.

The returned URL will be consistent with dynamic channel updates.

Type: string
Constraints: Read Only, Restart Required

currentDirectory
The absolute path of the directory from which the server was started.
This may be used in conjunction with other relative paths in ServerMBean to compute full paths.

Type: string
Constraints: Read Only, Restart Required

currentMachine
Return the machine on which the server is running. This will be different from the configuration if the server gets migrated automatically.

Type: string
Constraints: Restart Required

defaultURL
The URL that clients use to connect to this server's default network channel.
The returned value indicates the default protocol, listen address and listen port:

\[ protocol://listen-address:listen-port \]

Note: The default protocol, listen address and listen port are persisted in the domain's config.xml file, however when a server instance is started, command-line options can override these persisted values. This getDefaultURL method returns the URL values that are currently being used, not necessarily the values that are specified in config.xml

The returned URL will be consistent with dynamic channel updates.

Type: string
Constraints: Read Only, Restart Required

healthState
The health state of the server as reported by the server's self-health monitoring.
For example, the server can report if it is overloaded by too many requests, if it needs more memory resources, or if it will soon fail for other reasons.

Type: weblogic.health.HealthState
Constraints: Read Only, Restart Required

listenPortEnabled
Indicates whether the default listen port is enabled on the server.

Type: boolean
Constraints: Read Only, Restart Required

middlewareHome
The Oracle Middleware installation directory.
**Type**: string  
**Constraints**: Read Only, Restart Required

**name**  
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.  
**Type**: string  
**Constraints**: Read Only, Restart Required

**openSocketsCurrentCount**  
The current number of sockets registered for socket muxing on this server.  
**Type**: int  
**Constraints**: Read Only, Restart Required

**overallHealthState**  
Determine the overall health state of this server, taking into account the health of each of its subsystems.  
**Type**: weblogic.health.HealthState  
**Constraints**: Read Only, Restart Required

**restartRequired**  
Indicates whether the server must be restarted in order to activate configuration changes.  
**Type**: boolean  
**Constraints**: Read Only, Restart Required

**serverClasspath**  
Get the classpath for this server including domain/lib contents that are automatically picked up and appended to the classpath.  
**Type**: string  
**Constraints**: Read Only, Restart Required

**state**  
The current life cycle state of this server.  
For example, a server can be in a RUNNING state in which it can receive and process requests or in an ADMIN state in which it can receive only administrative requests.  
**Type**: string  
**Constraints**: Read Only, Restart Required

**stateVal**  
Returns current state of the server as in integer.  
weblogic.management.runtime.ServerStates has more information about the available server states  
**Type**: int  
**Constraints**: Read Only, Restart Required

**type**  
Returns the type of the MBean.
weblogic.management.runtime.ServiceMigrationDataRuntimeMBean

Runtime information about one past or ongoing migration.

The properties of the
weblogic.management.runtime.ServiceMigrationDataRuntimeMBean entity are as follows:

clusterName
Name of the cluster
Type: string
Constraints: Read Only, Restart Required

coordinatorName
Name of the server that acted as the coordinator for this migration.
Type: string
Constraints: Read Only, Restart Required

destinationsAttempted
Get all the destinations attempted for migration.
Type: array of string
Constraints: Read Only, Restart Required

migratedFrom
Where this object was migrated from
Type: string
Constraints: Read Only, Restart Required

migratedTo
Where this object was migrated to
Type: string
Constraints: Read Only, Restart Required

migrationEndTime
End time of migration
weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean

Provides methods that transition system component from one state to another. This class is instantiated only on the Administration Server, but you can use it to transition the states of all managed system component servers.

To start system components, you must first configure a Node Manager on each component's host machine.

The properties of the weblogic.management.runtime.SystemComponentLifeCycleRuntimeMBean entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type:* string

*Constraints:* Read Only, Restart Required
**nodeManagerRestartCount**
The number of times the server has been restarted using the Node Manager since its creation. The first start does not count. The count is valid only if the Node Manager is used to start and restart the server every time.

*Type*: int  
*Constraints*: Read Only, Restart Required

**state**
The current state of the server.

Server states are described in "Managing Server Startup and Shutdown for Oracle WebLogic Server."

*Type*: string  
*Constraints*: Read Only, Restart Required

**type**
Returns the type of the MBean.

*Type*: string  
*Constraints*: Read Only, Restart Required

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**weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean**

Exposes monitoring information about a system component's life cycle.

An operation (task) to change a system component's state will fork a separate thread to perform the actual work and immediately return an instance of this MBean to the caller. The caller can then use this MBean to track the task's progress as desired.

The properties of the `weblogic.management.runtime.SystemComponentLifeCycleTaskRuntimeMBean` entity are as follows:

**completed**
This property indicates whether an asynchronous job has completed.

*Type*: boolean

**description**
A description of this task.

*Type*: string  
*Constraints*: Read Only, Restart Required

**endTime**
This property indicates the time when the asynchronous job ended.

*Type*: java.util.Date

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

*Type*: string  
*Constraints*: Read Only, Restart Required
**operation**
Gets the name of the method that was invoked on the ServerLifeCycleRuntime to initiate this task.

*Type*: string  
*Constraints*: Read Only, Restart Required

**parentTask**
The task of which this task is a part.
A value of `null` indicates that this task is not a subtask.

*Type*: `weblogic.management.runtime.TaskRuntimeMBean` reference  
*Constraints*: Read Only, Restart Required

**progress**
The progress of this task.

*Type*: string  
*Constraints*: Read Only, Restart Required

**running**
Indicates whether the task is still running.

*Type*: boolean  
*Constraints*: Read Only, Restart Required

**serverName**
The name of the server.

*Type*: string  
*Constraints*: Read Only, Restart Required

**startTime**
This property indicates the time when an asynchronous job was started.

*Type*: `java.util.Date`

**startTimeAsLong**
The time at which this task was started.

*Type*: long  
*Constraints*: Read Only, Restart Required

**systemTask**
Indicates whether this task was initiated by the server versus a user.

*Type*: boolean  
*Constraints*: Read Only, Restart Required

**taskError**
Returns an exception describing the error, if any, that occurred while performing this task.

*Type*: `java.lang.Throwable`  
*Constraints*: Read Only, Restart Required
weblogic.management.runtime.TaskRuntimeMBean

- **taskStatus**
  The status of this task.
  
  **Type**: string
  
  **Constraints**: Read Only, Restart Required

- **type**
  Returns the type of the MBean.
  
  **Type**: string
  
  **Constraints**: Read Only, Restart Required

---

weblogic.management.runtime.TaskRuntimeMBean

Exposes monitoring information about an ongoing and potentially long-running administrative process. This should be taken to mean, at minimum, any OA&M operation involving I/O. Examples include starting and stopping servers, deploying and undeploying applications, or migrating services.

An MBean operation of this sort should fork a separate thread to perform the actual work and immediately return an instance of TaskRuntimeMBean to the caller. The caller can then use this to track the task’s progress as desired. Users can also query for all instances of TaskRuntimeMBean to get a summary of both currently-running and recently-completed tasks.

Instance of TaskRuntimeMBean continue to exist in the MBeanServer after the completion of the work they describe. They will eventually either be explicitly deregistered by the user, or removed by a scavenger process which periodically purges instances of TaskRuntimeMBean that have been completed for some time.

The properties of the weblogic.management.runtime.TaskRuntimeMBean entity are as follows:

- **completed**
  This property indicates whether an asynchronous job has completed.
  
  **Type**: boolean

- **description**
  A description of this task.
  
  **Type**: string
  
  **Constraints**: Read Only, Restart Required

- **endTime**
  This property indicates the time when the asynchronous job ended.
  
  **Type**: java.util.Date

- **name**
  The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
  
  **Type**: string
  
  **Constraints**: Read Only, Restart Required

- **parentTask**
  The task of which this task is a part.
A value of null indicates that this task is not a subtask.

**Type:** weblogic.management.runtime.TaskRuntimeMBean reference

**Constraints:** Read Only, Restart Required

### progress
The progress of this task.

**Type:** string

**Constraints:** Read Only, Restart Required

### running
Indicates whether the task is still running.

**Type:** boolean

**Constraints:** Read Only, Restart Required

### startTime
This property indicates the time when an asynchronous job was started.

**Type:** java.util.Date

### startTimeAsLong
The time at which this task was started.

**Type:** long

**Constraints:** Read Only, Restart Required

### systemTask
Indicates whether this task was initiated by the server versus a user.

**Type:** boolean

**Constraints:** Read Only, Restart Required

### taskError
Returns an exception describing the error, if any, that occurred while performing this task.

**Type:** java.lang.Throwable

**Constraints:** Read Only, Restart Required

### taskStatus
The status of this task.

**Type:** string

**Constraints:** Read Only, Restart Required

### type
Returns the type of the MBean.

**Type:** string

**Constraints:** Read Only, Restart Required

---

**weblogic.management.runtime.WorkflowTaskRuntimeMBean**

TaskRuntimeMBean for any workflow (WorkflowProgress) executed using management orchestration framework.
The properties of the weblogic.management.runtime.WorkflowTaskRuntimeMBean entity are as follows:

**completed**
This property indicates whether an asynchronous job has completed.
*Type:* boolean

**description**
A description of this task.
*Type:* string
*Constraints:* Read Only, Restart Required

**endTime**
This property indicates the time when the asynchronous job ended.
*Type:* java.util.Date

**errors**
Lists all errors in the workflow.
*Type:* array of java.lang.Throwable
*Constraints:* Read Only, Restart Required

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.
*Type:* string
*Constraints:* Read Only, Restart Required

**numCompletedCommands**
Number of completed commands in the workflow. Together with `getNumTotalCommands()` defines kind of progress information.
*Type:* int
*Constraints:* Read Only, Restart Required

**numTotalCommands**
Number of all commands in the workflow. Together with `getNumCompletedCommands()` defines kind of progress information.
*Type:* int
*Constraints:* Read Only, Restart Required

**parentTask**
The task of which this task is a part.
A value of `null` indicates that this task is not a subtask.
*Type:* weblogic.management.runtime.TaskRuntimeMBean reference
*Constraints:* Read Only, Restart Required

**progress**
The progress of this task.
*Type:* string
**weblogic.management.runtime.WorkflowTaskRuntimeMBean**

- **Constraints**: Read Only, Restart Required

**progressString**
Human-readable message containing information about the current workflow progress.

Type: string

**Constraints**: Read Only, Restart Required

**running**
Indicates whether the task is still running.

Type: boolean

**Constraints**: Read Only, Restart Required

**startTime**
This property indicates the time when an asynchronous job was started.

Type: java.util.Date

**startTimeAsLong**
The time at which this task was started.

Type: long

**Constraints**: Read Only, Restart Required

**statusHistory**
Provides step by step information (log) about the progress of the workflow.

Type: string

**Constraints**: Read Only, Restart Required

**systemTask**
Indicates whether this task was initiated by the server versus a user.

Type: boolean

**Constraints**: Read Only, Restart Required

**taskError**
Returns an exception describing the error, if any, that occurred while performing this task.

Type: java.lang.Throwable

**Constraints**: Read Only, Restart Required

**taskStatus**
The status of this task.

Type: string

**Constraints**: Read Only, Restart Required

**type**
Returns the type of the MBean.

Type: string

**Constraints**: Read Only, Restart Required
**workflowId**
Each workflow has a unique id.

**Type:** string
**Constraints:** Read Only, Restart Required

**workflowName**
User defined name of this workflow.

**Type:** string
**Constraints:** Read Only, Restart Required

**workflowTarget**
Returns the target that was specified when the workflow was created. It will typically be either the name of the domain, of one or more clusters, or one or more servers.

**Type:** string
**Constraints:** Read Only, Restart Required

**workflowType**
Returns a string that can be used to identify the different types of workflows.

**Type:** string
**Constraints:** Read Only, Restart Required

**weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean**

The properties of the `weblogic.management.runtime.WseePolicySubjectManagerRuntimeMBean` entity are as follows:

**name**
The name of this configuration. WebLogic Server uses an MBean to implement and persist the configuration.

**Type:** string
**Constraints:** Read Only, Restart Required

**type**
Returns the type of the MBean.

**Type:** string
**Constraints:** Read Only, Restart Required