

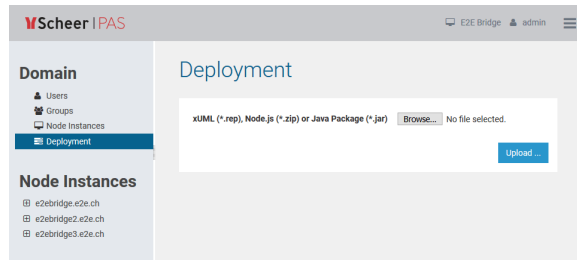
# Deployment of Node.js Services

You can directly deploy the repository of a Node.js service to a node instance via the Bridge.

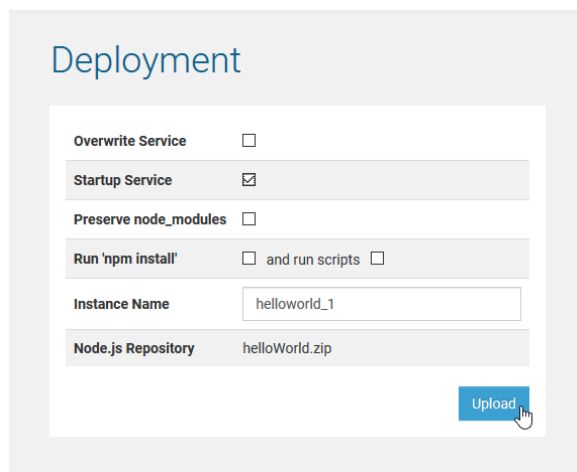
## Deploying a Node.js Service Repository via the Bridge

Only users who are member of a group, to which the role **ADMIN** or **MODELER** has been assigned, are allowed to deploy Node.js services. Users, who have only **MODELER** access rights, may only replace a Node.js service, if they themselves or a member of the same group deployed it.

Select the navigation item **Deployment** in the **Domain** section of the navigation on the left to deploy a new service or overwrite an existing one.



Browse for the repository of a Node.js service by clicking **Browse**. This repository has to be provided as a ZIP file and its structure is explained further [below](#). Click **Select ...** to proceed setting the deployment options.



Option	Description
<b>Overwrite Service</b>	If the Node.js service you want to deploy already exists, check this option, if you want to overwrite it.
<b>Startup Service</b>	To run, the Node.js service has to be started. Select this option, if you want the Node.js service to be started automatically right after its deployment.
<b>Run 'npm install'</b>	Select this option, if you want to run an 'npm install' after service deployment to get dependent Node.js packages (see <a href="#">Structure of a Node.js Service Repository</a> further below). As per default, this 'npm install' does not run installer scripts. Check <b>run scripts</b> , if you want to execute npm installer scripts, but be aware of the fact that running scripts is a security vulnerability. To inspect the logs of the 'npm install' command, switch to the deployed service and go to tab <b>Logging</b> (see also <a href="#">Logging of Node.js Services</a> ).
<b>Preserve node_modules</b>	Upon deployment of a Node.js service, the modules folder will get deleted, if existent. By setting this option you can keep these folders. This can be useful, if you do not want to perform an npm install on deployment.

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### Related Pages:

- [Developing Node.js Services](#)
- [Logging of Node.js Services](#)

<b>Instance Name</b>	You can overwrite the Node.js service name here. This is helpful, if you e.g. want to deploy the very same service multiple times with different names.
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After you have set the deployment options, deploy the service by clicking **Upload**.

If you have deployed a new service, it will be displayed in the navigation on the left, below the node instance, to which it has been deployed.

You can only deploy Node.js services to the node instance the used Bridge is running on. If you have aggregated multiple node instances into a Bridge domain, you need to use the Bridge of the specific node instance you want to deploy the service to.

## Target Directory of the Deployment

Node.js services get deployed to a folder **nodejs\_<name of the service>** in the Bridge data directory of the node instance. This folder contains a sub-folder **logs** to store the logs in and a sub-folder **repository** which contains the java script file of the service and the package.json.

Folder **repository** gets completely deleted with every deployment of the service! Do not store service data in this folder, but create a new folder for this, outside the repository folder.