

# Squid

## Squid caching proxy server

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## 1. Overview

**Squid:** *Squid caching proxy server*

## 2. Design

### Super Type Service

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>
Notification	<b>false</b>
Template Directory	
Data View	Children, proximity: <b>1</b>
Logger Name	Squid

## 3. Constraints

### 3.1. Allowed Child Dependencies

- [SquidClient](#) 1
- [SquidHost](#) 1
- [SquidPort](#) 1

1: These types have a *Singleton* constraint. Only one instance may be added as a resource.

### 3.2. Allowed Parent Dependencies

- Node
- Site

## 4. Attributes

### 4.1. Exported Attributes

Name	Property
squidBase	deployment-basedir
squidHome	deployment-install-root

## 4.2. Defaults for Imported Attributes

Name	Default
squidClient	/usr/sbin/squidclient
squidHost	localhost
squidPort	3128

## 5. Commands

View the available commands in the [User Reference](#).

## 6. Related Types

The following types are defined for use with Squid.

### 6.1. SquidClient

#### 6.1.1. Overview

**SquidClient:** *Location of the Squid client utility*

#### 6.1.2. Design

##### Super Type

[SquidSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

#### 6.1.3. Constraints

##### 6.1.3.1. Allowed Parent Dependencies

- [Squid](#)

#### 6.1.4. Attributes

##### 6.1.4.1. Exported Attributes

Name	Property
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squidClient	settingValue
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## 6.2. SquidHost

### 6.2.1. Overview

**SquidHost:** *Squid host*

### 6.2.2. Design

**Super Type**  
[SquidSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.2.3. Constraints

#### 6.2.3.1. Allowed Parent Dependencies

- [Squid](#)

### 6.2.4. Attributes

#### 6.2.4.1. Exported Attributes

Name	Property
squidHost	settingValue

## 6.3. SquidPort

### 6.3.1. Overview

**SquidPort:** *Squid HTTP port*

### 6.3.2. Design

**Super Type**  
[SquidSetting](#)

Role	<b>Concrete.</b> (Objects can be created.)
Instance Names	<b>Unique</b>

### 6.3.3. Constraints

#### 6.3.3.1. Allowed Parent Dependencies

- [Squid](#)

### 6.3.4. Attributes

#### 6.3.4.1. Exported Attributes

Name	Property
squidPort	settingValue

## 6.4. SquidSetting

### 6.4.1. Overview

**SquidSetting:** *Squid configuration setting*

### 6.4.2. Design

#### Super Type Setting

Role	<b>Abstract.</b> (Objects cannot be created.)
Instance Names	<b>Unique</b>