

## 3.18 – Symlink (access link)

You can create a symlink for a RDP host (must be configured in servers.json first). After you created a RDP server in servers.json, you'll be able to access it with the server id. Symlink is more secure than server id, and it can be a temporary link (set up valid time) or a permanent link.

You can create a symlink file manual and specify this file in gateway.conf. Here is an example of symlink file:

```
{
  "symlinks": [
    {
      "id": "3645e6db-7afc-4fff-8ad9-92415aa25db0",
      "resourceId": "demo2",
      "validFrom": "2013-05-14 20:43 MDT",
      "validTime": "5d",
      "parameters": "user=uu&pwd=pp",
      "comment": comment"
    }
  ]
}
```

The pattern for date format is `yyyy-MM-dd HH:mm z`.

Please check <http://docs.oracle.com/javase/7/docs/api/java/text/SimpleDateFormat.html> for more information about this format.

You can send extra parameters to the server by configuring the "parameters" property.

You need to specify the location of the symlink file in gateway.conf:

```
symlink = C:\\Users\\uuu\\workspace\\data\\symlink.json
```

You can also configure this using config.html:

Gateway: localhost:8080 Password:

This page can only be accessed from local computer. Set password and remoteManage=true in gateway.conf to enable remote access.

Start Configuration

Gateway	Server	User	Symlink	Session	Server Group	User Group
Symlink Configuration (Saved in symlink.json) <input type="button" value="Add"/> <input type="button" value="Refresh"/>						
ID	Resource (Server)	Password	Valid From	Valid Time	Valid To	Action
95582b8f-7e15-4f47-a7dd-0b5db94988cb	rdp2		2022-01-07 13:00			
8ee5ea2d-eb12-4643-aafa-4d67b7ebedc6	officeterminal	symlinkPW4711!	2022-04-05 16:24			

On the client side, you'll need to use 'symlink=symlinkId' instead of 'server=yourServer' when creating a connection:

```
var rdp = new svGlobal.Rdp('ws://gateway/RDP?symlink=symlinkId&mapClipboard=on&...')
```

You can also join a symlink:

```
var rdp = new svGlobal.Rdp('ws://gateway/JOIN?symlink=symlinkId&mapClipboard=on&connectif=on&...')
```

If `connectif = on` and there is no session established with that symlink, this will create a new connection instead. Make sure you set `connectif = on` in gateway.conf to enable this feature first.

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