

Configuring: How do I install the user portal on a login node from 8.0 onward?

How to install the user portal on a login node from 8.0 onward

The following procedure describes how to install and serve the user portal on a login node.

1. Install the user portal rpm on the login node:

```
# yum -y install crn-webportal
```

2. Configure apache httpd as a reverse proxy to serve the user portal on localhost and to proxy the call to json api to CMDaemon listening on the head node:

For Apache httpd 2.4 the rewrite lines and proxy config changes can be:

```
# cat > /etc/httpd/conf.d/userportal.conf << _EOF_

RewriteEngine on

RewriteRule ^/$ https://%(SERVER_NAME)/userportal/ [R,L]

RewriteRule ^(userportal)$ https://%(SERVER_NAME)/$1/ [R,L]

ProxyPreserveHost On

ProxyRequests Off

SSLProxyEngine on

SSLProxyVerify none

SSLProxyCheckPeerCN off

SSLProxyCheckPeerName off

SSLProxyCheckPeerExpire off
```

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```
ProxyPass /userportal/ https://localhost:8081/userportal/
```

```
ProxyPassReverse /userportal/ https://localhost:8081/userportal/
```

```
ProxyPass /json https://master:8081/json
```

```
ProxyPassReverse /json https://master:8081/json
```

```
_EOF_
```

For Apache httpd 2.2 the lines can be:

```
# cat > /etc/httpd/conf.d/userportal.conf << _EOF_
```

```
RewriteEngine on
```

```
RewriteRule ^/$ https://%(SERVER_NAME)/userportal/ [R,L]
```

```
RewriteRule ^/(userportal)$ https://%(SERVER_NAME)/$1/ [R,L]
```

```
ProxyPreserveHost On
```

```
ProxyRequests Off
```

```
SSLProxyEngine on
```

```
ProxyPass /userportal/ https://localhost:8081/userportal/
```

```
ProxyPassReverse /userportal/ https://localhost:8081/userportal/
```

```
ProxyPass /json https://master:8081/json
```

```
ProxyPassReverse /json https://master:8081/json
```

```
_EOF_
```

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3. Reload the webservice configuration file.

```
# service httpd reload
```

Unique solution ID: #1303

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