



Load Agent installation procedure on Linux server

1. Download dyncond.conf (DynConD Load Agent configuration file) from <https://my.dyncond.com/User/LoadSetupList> -> Get configuration file

2. Download Load Agent Linux binary from <https://my.dyncond.com/User/LoadSetupList> or <https://my.dyncond.com/Downloads/Downloads>

3. Copy dyncond.conf to /etc directory

Example /etc/dyncond.conf file:

```
UserID:user
Credentials:password
NS:ns1.dyncond.net
NS:ns2.dyncond.net
NS:ns3.dyncond.net
NS:ns4.dyncond.net
IP:198.51.100.100
IPP:172.16.100.100
Refresh:3
CPU:1
RAM:1
LogFile:1
```

Explanation of dyncond.conf file:

UserID: your username provided by DynConD portal, cannot be changed by the user

Credentials: your username provided by DynConD portal, cannot be changed by the user

NS: DynConD name servers to which data is sent

IP: server public IP address

IPP: optional server private IP address, if multiple servers share the same public IP (cluster)

Refresh: refresh interval for sending data to DynConD NS

CPU: if 1 CPU data is sent, if 0 CPU data is not sent

RAM: if 1 RAM data is sent, if 0 RAM data is not sent

LogFile: if sent data is logged to /var/log/dyncond/agent_info.log, if 0 sent data is not logged

4. Copy Load Agent dyncondagent to /usr/bin directory

5. Create dyncondagent service:

- create service configuration file:

```
/etc/systemd/system/dyncondagent.service
[Unit]
Description=DynConD agent service
After=network.target
StartLimitIntervalSec=0
[Service]
```



```
Type=simple
Restart=always
RestartSec=1
User=root
ExecStart=/usr/bin/env /usr/bin/dyncondagent
[Install]
WantedBy=multi-user.target
```

- start dyncondagent service:
systemctl start dyncondagent
 - enable dyncondagent service at server boot:
systemctl enable dyncondagent
Created symlink /etc/systemd/system/multi-user.target.wants/dyncondagent.service → /etc/systemd/system/dyncondagent.service.
 - check status of dyncondagent service:
systemctl status dyncondagent
 - dyncondagent.service - DynConD agent service
Loaded: loaded (/etc/systemd/system/dyncondagent.service; enabled; vendor preset: enabled)
Active: active (running) since Fri 2021-06-12 10:24:04 CEST; 7min ago
Main PID: 62877 (dyncondagent)
Tasks: 1 (limit: 2340)
Memory: 668.0K
CGroup: /system.slice/dyncondagent.service
└─62877 /usr/bin/dyncondagent
- Jun 12 10:24:04 test2.localdomain systemd[1]: Started DynConD agent service.
Jun 12 10:24:04 test2.localdomain env[62877]: AGENT STARTED

5. DynConD can use two log files, info and error log files

- info log example, used if LogFile:1 value is set in dyncond.conf:
/var/log/dyncond/agent_info.log
2021-06-12 10:24:04.157 AGENT STARTED
2021-06-12 10:24:04.167 IPV4 address: 75.119.133.81 (ns1.dyncond.net)
2021-06-12 10:24:04.366 IPV4 address: 45.61.53.180 (ns2.dyncond.net)
2021-06-12 10:24:04.524 IPV4 address: 52.78.162.64 (ns3.dyncond.net)
2021-06-12 10:24:04.688 IPV4 address: 159.89.232.248 (ns4.dyncond.net)
2021-06-12 10:24:07.708 UserID:user;Credentials:password;IP:198.51.100.100;CPU:10;RAM:30
2021-06-12 10:24:07.708 UserID:user;Credentials:password;IP:198.51.100.100;CPU:10;RAM:30
2021-06-12 10:24:07.709 UserID:user;Credentials:password;IP:198.51.100.100;CPU:10;RAM:30
2021-06-12 10:24:07.709 UserID:user;Credentials:password1;IP:198.51.100.100;CPU:10;RAM:30
- log file contains information about Load Agent service start time, resolved IP addresses of DynConD Name servers and information about all data sent to every IP address
- error log example:
/var/log/dyncond/agent_error.log
2021-06-12 10:21:45.305 config file not exists