

 **DynConD Linux implementation guide**

- Download the DynConD Linux library from <http://dyncond.com/downloads/>
- Replace `getaddrinfo()` function with DynConD's ***dyncondgetaddrinfo()*** function:

```
int dyncondgetaddrinfo(const char *hostname, const char *servname, const struct addrinfo  
*hints, struct addrinfo **res);
```

- DynConD's ***dyncondgetaddrinfo*** function is a replacement for the standard *getaddrinfo* function and has the same parameters, results and error codes as *getaddrinfo* function. If no IP address is returned by the *dyncondgetaddrinfo* function, the standard non DynConD DNS A/AAAA resolving can be used
- DynConD's ***dyncondgetaddrinfo*** function by default uses local Linux host DNS resolvers. By using the ***dyncondgetaddrinfo*** function with a defined *service* value of "100", authoritative DynConD DNS servers (ADNS) are used instead of local Linux host DNS resolvers. This way, the real-time DSS parameters are obtained from servers, avoiding using cached values in the process whose accuracy depends on the TTL value of the TXT RRs. If no IP address is returned when using the ADNS query, the ***dyncondgetaddrinfo*** function automatically performs a standard recursive DNS query after the Timeout period defined in TXT RR