

**NAME**

**krb5\_get\_all\_client\_addr**s, **krb5\_get\_all\_server\_addr**s - return local addresses

**LIBRARY**

Kerberos 5 Library (libkrb5, -lkrb5)

**SYNOPSIS**

```
#include <krb5.h>
```

```
krb5_error_code
```

```
krb5_get_all_client_addrs(krb5_context context, krb5_addresses *addrs);
```

```
krb5_error_code
```

```
krb5_get_all_server_addrs(krb5_context context, krb5_addresses *addrs);
```

**DESCRIPTION**

These functions return in *addrs* a list of addresses associated with the local host.

The server variant returns all configured interface addresses (if possible), including loop-back addresses. This is useful if you want to create sockets to listen to.

The client version will also scan local interfaces (can be turned off by setting `libdefaults/scan_interfaces` to false in `krb5.conf`), but will not include loop-back addresses, unless there are no other addresses found. It will remove all addresses included in `libdefaults/ignore_addresses` but will unconditionally include addresses in `libdefaults/extra_addresses`.

The returned addresses should be freed by calling **krb5\_free\_addresses**().

**SEE ALSO**

**krb5\_free\_addresses**(3)