

**NAME**

**krb5\_get\_krbhst**, **krb5\_get\_krb\_admin\_hst**, **krb5\_get\_krb\_changepw\_hst**, **krb5\_get\_krb524hst**,  
**krb5\_free\_krbhst** - lookup Kerberos KDC hosts

**LIBRARY**

Kerberos 5 Library (libkrb5, -lkrb5)

**SYNOPSIS**

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

```
krb5_error_code
```

```
krb5_get_krbhst(krb5_context context, const krb5_realm *realm, char ***hostlist);
```

```
krb5_error_code
```

```
krb5_get_krb_admin_hst(krb5_context context, const krb5_realm *realm, char ***hostlist);
```

```
krb5_error_code
```

```
krb5_get_krb_changepw_hst(krb5_context context, const krb5_realm *realm, char ***hostlist);
```

```
krb5_error_code
```

```
krb5_get_krb524hst(krb5_context context, const krb5_realm *realm, char ***hostlist);
```

```
krb5_error_code
```

```
krb5_free_krbhst(krb5_context context, char ***hostlist);
```

**DESCRIPTION**

These functions implement the old API to get a list of Kerberos hosts, and are thus similar to the **krb5\_krbhst\_init()** functions. However, since these functions returns *all* hosts in one go, they potentially have to do more lookups than necessary. These functions remain for compatibility reasons.

After a call to one of these functions, *hostlist* is a NULL terminated list of strings, pointing to the requested Kerberos hosts. These should be freed with **krb5\_free\_krbhst()** when done with.

**EXAMPLES**

The following code will print the KDCs of the realm "MY.REALM".

```
char **hosts, *p;  
krb5_get_krbhst(context, "MY.REALM", &hosts);  
for(p = hosts; *p; p++)  
    printf("%s\n", *p);
```

```
krb5_free_krbhst(context, hosts);
```

**SEE ALSO**

krb5\_krbhst\_init(3)