

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)