



Java GSS/Kerberos Status Update for JDK 7

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Current Status

Mostly bug fixes and minor enhancements

- Added configuration options
- Provide default values and use native env variables to reduce configuration work
- Miscellaneous SPNEGO enhancements

Configuration Options

- **DNS Lookup for Realm and KDC** bug#4814940, 6552334
 - > “dns_lookup_kdc”, “dns_lookup_realm”, “dns_fallback”,
 - > Enabled by default
- **Addressless Tickets** bug#5035330
 - > “no_addresses”, “noaddresses”
 - > Default to true, can be set to false

Default Values

- **Default JAAS Configuration Entry** bug#6483218
 - > Client side:
 - useTicketCache=true / doNotPrompt=false
 - > Server side:
 - useKeyTab=true / storeKey=true / doNotPrompt=true / isInitiator=false
- **Use KRB5CCNAME for Ticket Cache** bug#6832353
 - > Fall back to original search order if not set
- **Find Realm and KDC From Win Env Vars** bug#6785456
 - > Use the env variables USERDNSDOMAIN, LOGONSERVER for realm and KDC when krb5.ini is not present

SPNEGO Enhancements

- **Cred Delegation for HTTP/SPNEGO**

bug#6549811

- > Enabled credential delegation when service ticket flag OK-AS-DELEGATE is set

- **Cross-Realms for HTTP/SPNEGO**

bug#6670362

- > Service principal name is generated from the fully qualified hostname of the web server

- **RFC 4178 Support for mechListMIC field**

bug#6773898

- > Work in progress

The End

- **Java security**
 - > <http://java.sun.com/security>