InterTiki fails to recognize same-server (127.0.0.1)

Problem

When setting up InterTiki, one would assume that 127.0.0.1 would work as an IP filter for localhost. However, it was pretty clear that this was not working in 3.0 (beta 3, beta 4, rc1)

Regression

- Turned on the XMLRPC debugger in /lib/userlib.php around line 2817 $client->setDebug(1); to look at the response back from the server and do a bunch of printouts.

Traced InterTiki problems to the IP security check to the following (line 55) in /remote.php.

```php
if (!isset($prefs['known_hosts'][$key]) or $prefs['known_hosts'][$key]['ip'] != $tikilib->get_ip_address()) {
```
By changing the line to the following, the IP check problems went away:

```php
if (!isset($prefs['known_hosts'][$key])) {
```

Solution

**Possible solution**

There are a couple of possible ways to address this.

1. The most user transparent would be to simply check if the user has entered 127.0.0.1 and in such a case check `$_SERVER[SERVER_ADDR]` against `$tikilib->get_ip_address()`.
2. Another option would be to add a feature (with a warning) to simply turn OFF the IP check.

*my syntax may not be perfect, but the idea might be*

```php
//add this inside the remote.php file prior to the line 55 IP check
if ( $prefs['known_hosts'][$key]['ip'] == "127.0.0.1" or $prefs['known_hosts'][$key]['ip']="localhost") {
    if ($tikilib->get_ip_address() == $_SERVER[SERVER_ADDR] ) {
        $intertikilocalreq = TRUE;
    // then modify the line 55 if statement to read something like:
    if (!$intertikilocalreq or !isset($prefs['known_hosts'][$key]) or $prefs['known_hosts'][$key]['ip'] != $tikilib->get_ip_address()) {
        ...
    }
```

Demonstrate Bug

**Please demonstrate your bug on show2.tikiwiki.org**

Version: **trunk**

Ticket ID

2500

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Comments
## Attachments

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No attachments for this item

The original document is available at
https://dev.tiki.org/item2500-InterTiki-fails-to-recognize-same-server-127-0-0-1