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New SMTP Function Verifies Recipient of Inbound E-Mail

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When the i5/OS SMTP server is used as a primary e-mail server, performance problems can arise when a lot of spam e-mail is received. The SMTP server can be tied-up generating non-delivery notifications for each spam e-mail received.

To avoid this situation and increase performance, release V5R3 PTF, SI17335 provides a new function that enables verification of a recipient on inbound e-mail. Following a failed verification, the e-mail is rejected rather than creating a non-delivery notification.

After the PTF has been loaded and applied by following the instructions in the PTF cover letter, enable the new function by running the following command:

```
CRTDTAARA DTAARA(QUSRSYS/QTMSIDVRFY) TYPE(*CHAR)
```

No value needs to be specified for the data area, the presence of the QMSIDVRFY data area in library QUSRSYS enables the new function. When the data area is created, the SMTP server must be restarted for the new function to take effect.

[Click here to read the IBM technical document.](#)

For release V5R4, support of the QTMSIDVRFY data area is built in to the base install, so no PTF is needed. Also note that in a future release IBM will include this functionality as a configuration option, probably as part of the Change SMTP Attributes (CHGSMTPA) command. You should be able to verify that this is true by checking the Memo to Users guide accompanying new releases.

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